

Major Map: Accountancy – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | ısfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|-------------------------|----------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ACC 194: Accountancy LEAP Program MAT 210: Brief Calculus (MA) OR | 1 | | | | determines placement into first-year |
| MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | | | Grade of C | composition courses |
| CIS 105: Computer Applications/Info Technology | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| ENG 101 or 102: First-Year Composition OR | | | | | Maintain 2.0 ASU cumulative GPA in critical |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grada of C | courses. |
| Natural Science Quantitative (SQ) | 4 | | | Grade of C | |
| ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` | 3 | | | | |
| PGS course (SB) TERM TWO: 16-30 CREDIT HOURS | 3 | | | | |
| ACC 232: Financial Accounting I | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| Complete 1 course from: | , | J | | Grade of C | courses. |
| ECN 211: Macroeconomic Principles (SB) | | | | | |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| MAT 211: Mathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA) | 3/4 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR | 3/4 | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | | _ | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| ACC 242: Managerial Accounting I | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Complete remaining course from: ECN 211: Macroeconomic Principles (SB) | | | | | Lower division business critical courses must be |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | completed by the end of the third term in the |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | program • Maintain 2.0 ASU cumulative GPA in critical |
| Humanities, Fine Arts & Design (HU) | 3 | | | | courses. |
| SOC course (SB) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| ACC 340: External Reporting I | 3 | \boxtimes | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| FIN 300: Fundamentals of Finance | 3 | \boxtimes | | Grade of C | courses. |
| ENG 302: Business Writing (L) | 3 | \boxtimes | | | |
| COM 225: Public Speaking (L) (preferred) OR | | | | | |
| COM 259: Communication in Business and the Professions | 3 | | | | |
| SCM 300: Global Supply Operations | 3 | | | Grade of C | |
| WPC 301: Business Forum | 1 | \boxtimes | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| ACC 440: External Reporting II | 3 | | | Grade of C | |
| LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | |
| COM 230: Small Group Communication (SB) | 3 | | | | |
| Cultural Diversity in the US (C) | 3 | | | | |
| MKT 300: Marketing and Business Performance | 3 | \boxtimes | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| ACC 350: Internal reporting | 3 | | | Grade of C | |
| ACC 430 : Taxes and Business Decisions | 3 | \square | | Grade of C | |
| CIS 360: Business Database Concepts | 3 | \boxtimes | | Grade of C | |
| MGT 300: Organization & Management Leadership | 3 | \boxtimes | | Grade of C | |
| Historical Awareness (H) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| ACC 444: Enterprise Process Analysis and Design | 3 | \boxtimes | | Grade of C | Accounting Scholars Program students: see page 2 for term 7 courses. |
| ECN 306: Survey of International Economics (G) | 3 | \boxtimes | | Grade of C | 2 for term / courses. |
| Upper division Business elective | 3 | \boxtimes | | Grade of C | |
| Upper division Business elective | 3 | \boxtimes | | Grade of C | |
| Elective | 1 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ACC 450: Principles of Auditing | 3 | \boxtimes | | Grade of C | Accounting Scholars Program students: see page |
| Upper division Business elective | 3 | \boxtimes | | Grade of C | 2 for term 8 courses. |
| Upper division Humanities, Fine Arts & Design (HU) | 3 | | | | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Elective | 1 | | | | |



Major Map: Accountancy – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 Max.) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|-------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|-------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Major Proficiency Requirements

In addition to school of business and university requirements, Accountancy majors must receive grades of "C" (2.00) or higher in the required upper-division major and major support courses. If a student receives a grade below "C" (2.00) in any required upper-division major course, this course must be repeated before any other upper-division major course can be taken. If a second grade below "C" (2.00) is received in either an upper-division major course already taken or in a different upper-division major course, the student is no longer eligible to take additional upper-division major courses.

Scholars Program Track

Application required. 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 72 hours must include at least six hours of accounting courses at the 300- level or higher taken in the School of Accountancy. Students in the Accounting Scholars Program http://wpcarey.asu.edu/accounting/undergraduate/scholars.cfm) complete the following courses in terms 7and 8.

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| ACC 450: Principles of Auditing | 3 | | | Grade of C | |
| ECN 306: Survey of International Economics (SB & G) | 3 | \boxtimes | | Grade of C | |
| Elective | 2 | | | | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| UD Humanities and Fine Arts (HU) | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ACC 484: Accountancy Internship (8 wks) | 6 | \boxtimes | | Grade of C | |
| ACC 444: Enterprise Process Analysis & Design (8 wks) | 3 | \boxtimes | | Grade of C | |
| ACC 494: Special Topics (8 wks) | 3 | | | Grade of C | |



Major Map: Agribusiness (Agribusiness Science) – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|---------------|---------------------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS WPC 101: Student Success in Business | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| Complete one course from: | 1 | | | | determines placement into first-year composition |
| CHM 113: General Chemistry I (SQ) | | | | | courses ASU Math Placement Exam score determines |
| BIO 181 General Biology I (formerly BIO 188) (SQ) OR | 4 | | | Crada of C | placement in Mathematics course |
| BIO 182 General Biology II (formerly BIO 187) (SG) ENG 101 and 102: First-Year Composition OR | 4 | | | Grade of C | See academic advisor for appropriate Student |
| ENG 107 and 108: English for Foreign Students OR | | | | | Success course requirement if not a first-time |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | freshman. |
| AGB 100: Introduction to Agribusiness | 3 | | | Grade of C | |
| MAT 210: Brief Calculus (MA) | 3 | | | Grade of C | |
| TERM TWO: 16-30 CREDIT HOURS | | | | ı | |
| Complete one additional course from: CHM 113: General Chemistry I (SQ) | | | | | |
| CHM 116: General Chemistry II (SQ) (if CHM 113 completed) | | | | | |
| BIO 181 General Biology I (formerly BIO 188) (SQ) OR | | _ | | | |
| BIO 182 General Biology II (formerly BIO 187) (SG) ENG 101 and 102: First-Year Composition OR | 4 | | | Grade of C | |
| ENG 107 and 108: English for Foreign Students OR | | | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | | | Grade of C | |
| MAT 211: Math for Business Analysis | 3 | | | Grade of C | |
| SOC course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete one additional course from: | | | | | First-year composition completed |
| CHM 113: General Chemistry I (SQ) CHM 116: General Chemistry II (SQ) (if CHM 113 completed) | | | | | |
| BIO 181 General Biology I (formerly BIO 188) (SQ) OR | | | | | |
| BIO 182 General Biology II (formerly BIO 187) (SG) | 4 | | | Grade of C | |
| ACC 231: Uses of Accounting Information I | 3 | | | Grade of C | |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) | | | | | |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| Upper Division Humanities, Fine Arts & Design (HU) with | | | | | |
| Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | \boxtimes | | | |
| Upper Division Humanities, Fine Arts & Design (HU) with | 3 | | | | |
| Cultural Diversity in the US (C), Global Awareness (G) or | | | | | |
| Historical Awareness (H) | 3 | \boxtimes | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | Y 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Complete one additional course from: CHM 113: General Chemistry I (SQ) | | | | | Lower division business critical courses must be completed by the end of the fourth term in the |
| CHM 116: General Chemistry II (SQ) (if CHM 113 completed) | | | | | program |
| BIO 181 General Biology I (formerly BIO 188) (SQ) OR | 4 | | | 0 1 60 | |
| BIO 182 General Biology II (formerly BIO 187) (SG) | 4 | | | Grade of C | |
| ACC 241: Uses of Accounting Information II Complete 1 course from: | 3 | | | Grade of C | |
| ECN 211: Macroeconomic Principles (SB) | | | | | |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| ECN 221: Business Statistics (preferred) or AGB 360: Agribusiness Statistics (CS) | 3 | | | Grade of C | |
| CHM 233: General Organic Chemistry I | 3 | | | Grade of C | |
| CHM 237: General Organic Chemistry Laboratory | 1 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | 1 | | | Grade of C | |
| MKT 300: Marketing and Business Performance | 3 | | | Grade of C | |
| ENG 301: Writing for Professions (L) or | 3 | | | Grade of C | |
| TWC 347 Written Communications for Managers(L) | 3 | \boxtimes | | |] |
| PHY 111: General Physics & PHY 113: Laboratory (SQ) | 3/1 | | | Grade of C | |
| AGB 271: Veterinary Medicine Today | 3 | | | Grade of C | |
| WPC 301: Business Forum | 1 | \boxtimes | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| BIO 340: General Genetics | 4 | \boxtimes | | Grade of C |] |
| MIC 205: Microbiology (SG) | 3 | | | Grade of C | |
| AGB 366: Agribusiness Production Technologies | 3 | \boxtimes | | Grade of C | |
| SCM 300: Global Supply Operations | 3 | \boxtimes | | Grade of C | |



Major Map: Agribusiness (Agribusiness Science) – Bachelor of Science (B.S.)

W. P. Carey School of Business | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| AGB 367: Agribusiness Processing Technologies | 3 | \boxtimes | | Grade of C | |
| BCH 361: Principles of Biochemistry | 3 | \boxtimes | | Grade of C | |
| MGT 300: Organization & Management Leadership | 3 | \boxtimes | | Grade of C | |
| AGB 300 OR 400 Level Elective | 3 | \boxtimes | | Grade of C | |
| LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| FIN 300: Fundamentals of Finance | 3 | \boxtimes | | Grade of C | |
| AGB 414: Agribusiness Analysis (L) | 3 | | | Grade of C | |
| AGB 300 OR 400 Level Elective | 3 | \boxtimes | | Grade of C | |
| Upper Division Remaining C, G or H awareness area or other General Education Elective | 3 | | | | |
| AGB 302: International Management and Agribusiness (G) or ECN 306: Survey of International Economics (G) | 3 | | | Grade of C | |

Graduation Requirements Summary

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (51 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|----------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Agribusiness (Global Agribusiness) – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-11

| | | | | nnsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------------|--------------------------|------------------------------------|---|
| Course Subject and Title | Hrs. | Upper Division | Transfer Course/Grade | | Additional Critical Requirement Notes |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | ПIS. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| WPC 101: Student Success in Business | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| CIS 105: Computer Applications and Information Technology | | | | | determines placement in first-year composition ASIJ Math Placement Exam score determines |
| (CS) | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| MAT 210: Brief Calculus (MA) | 3 | | | Grade of C | See academic advisor for appropriate Student |
| AGB 100: Introduction to Agribusiness | 3 | | | Grade of C | Success course requirement if not a first-time freshman. |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts and Design (HU): | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) | | | | | |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| MAT 211: Mathematics for Business Analysis (MA) | 3 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 103. Advanced First-Year Composition OK ENG 107 or 108: English for Foreign Students | 3 | | | Grade of 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 | | | | |
| PGS course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete remaining course from: ECN 211: Macroeconomic Principles (SB) | | | | | Completed: First-year Composition requirement. |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | requirement. |
| ACC 231: Uses in Accounting Information I | 3 | | | Grade of C | |
| BIO 100: The Living World (SQ) | 4 | | | Grade of C | |
| Cultural Awareness course (C) | 3 | | | | |
| SOC course (SB) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | Lower division business critical courses must be completed by the end of the fourth term in |
| ECN 221: Business Statistics (CS) or AGB 360: Agribusiness Statistics (CS) | 3 | | | Grade of C | the program. |
| WPC 301: Business Forum | 1 | ⊠ | | Grade of C | |
| CHM 101: Introductory Chemistry (SQ) | 4 | | | Grade of C | |
| Historical Awareness course (H) | 3 | | | | |
| TERM FIVE: 46-60 CREDIT HOURS | | | | | |
| AGB 302: I1nternational Management and Agribusiness (G) or ECN 306: Survey of International Economics (G) | 3 | \boxtimes | | Grade of C | |
| MKT 300: Principles of Marketing | 3 | \boxtimes | | Grade of C | |
| AGB 366: Agribusiness Production Technologies | 3 | ⊠ | | Grade of C | |
| FIN 300: Fundamentals of Finance | 3 | | | Grade of C | |
| ENG 301 Writing for Prof (L)) or | | | | | |
| TWC 347 Written Communications for Managers (L) | 3 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS AGB 333: Agribusiness Finance II | 3 | \boxtimes | | Grade of C | |
| AGB 367: Agribusiness Processing Technologies | 3 | | | Grade of C | |
| AGB 321: Agribusiness Marketing II | 3 | ⊠ | | Grade of C | |
| MGT 300: Organizational Management and Leadership | 3 | ⊠ | | Grade of C | |
| LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| AGB 410: Agribusiness Management II | 3 | \boxtimes | | Grade of C | |
| AGB 300 or 400 Level Major Elective | 3 | \boxtimes | | Grade of C | |
| AGB 300 or 400 Level Major Elective | 3 | | | Grade of C | |
| SCM 300: Global Supply Operations | 3 | | | Grade of C | |
| Upper Division Humanities, Fine Arts and Design (HU): | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | 2 | N | | Condo of C | |
| AGB 414: Agribusiness Analysis (L) | 3 | | | Grade of C | |
| AGB 435: Agribusiness Commodities AGB 300 or 400 Level Major Elective | 3 | | | Grade of C Grade of C | |
| AGB 300 or 400 Level Major Elective | 3 | | | Grade of C | |
| General Education Elective | 2 | | | | |



Major Map: Agribusiness (Global Agribusiness) – Bachelor of Science (B.S.)

W. P. Carey School of Business | Catalog Year: 2010-11

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 max) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|-------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements:
 - o Cultural Diversity in the U.S. (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Agribusiness (Professional Golf Management) - Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-11

| | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------------|--------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| WPC 101: Student Success in Business | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | | | Grade of C | determines placement in first-year composition ASU Math Placement Exam score determines |
| MAT 210: Brief Calculus (MA) | 3 | | | Grade of C | placement in Mathematics course |
| ENG 101 or 102: First-Year Composition OR | | | | | See academic advisor for appropriate Student |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Success course requirement if not a first-time freshman. |
| PGM 100: PGA/PGM Introduction | 2 | | | Grade of C | |
| PGM 110: Player Development I | 1 | | | Grade of C | |
| Humanities, Fine Arts and Design (HU): | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| MAT 211: Mathematics for Business Analysis (MA) | 3 | | | Grade of C | |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR | | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | 2 | | | 0.1.60 | |
| ENG 107 or 108: English for Foreign Students PGM 111: Player Development II OR PGM 294: Equip Tech - Club | 3 | | | Grade of C | |
| Fitting | 2 | | | Grade of C | |
| BIO 100: The Living World (SQ) | 4 | | | | |
| SUMMER 1 | | | | | |
| PGM 484: Summer Internship 1 | 3 | \boxtimes | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS Complete remaining course from: | | | | | Completed: First-year Composition |
| ECN 211: Macroeconomic Principles (SB) | | | | | requirement. |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | · |
| ACC 231: Uses in Accounting Information I | 3 | | | Grade of C | |
| PGM 130: PGA/PGM Level 1 | 2 | | | Grade of 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 | | | | |
| CHM 101: Introductory Chemistry (SQ or SG) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS ECN 221: Business Statistics (CS) or AGB 360: Agribusiness | | | | | Lower division business critical courses must |
| Statistics (CS) | 3 | | | Grade of C | be completed by the end of the fourth term in |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | the program. |
| PGM 394: Sports Psychology | 3 | \boxtimes | | Grade of C | |
| PGM 150: Teaching Golf Intro | 2 | | | Grade of C | |
| WPC 301: Business Forum | 1 | \square | | Grade of C | |
| SOC course (SB) | 3 | | | | |
| SUMMER 2 | 2 | | | 0 1 60 | |
| PGM 484: Summer Internship 2 | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS ENG 301:Writing for Prof (L) or TWC 347:Written Communications | | | | | |
| for Managers (L) | 3 | \boxtimes | | | |
| MKT 300: Principles of Marketing | 3 | \boxtimes | | Grade of C | |
| MGT 300: Organizational Management and Leadership | 3 | \boxtimes | | Grade of C | |
| PGM 463: Golf and Sports Turf Management | 3 | \boxtimes | | Grade of C | |
| PGM 200: PGA/PGM Level 2 | 2 | | | Grade of C | |
| PGM 250: Teaching Technologies | 1 | | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | \square | | Crade of C | |
| FIN 300: Fundamentals of Finance LES 305: Legal, Ethical and Regulatory Issues in Business | 3 | $oxed{\boxtimes}$ | | Grade of C Grade of C | |
| AGB 302: International Management and Agribusiness (G) or ECN | 3 | | | Grade of C | |
| 306: Survey of International Economics (G) | 3 | \boxtimes | | Grade of C | |
| PGM 494: Food and Beverage Management and Controls | 3 | \boxtimes | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) with (C) & (H) [REL 321: Religion in America is recommended] | 3 | \boxtimes | | | |
| SUMMER 3 | | | | | |
| PGM 484: Summer Internship 3 | 3 | \boxtimes | | Grade of C | |



Major Map: Agribusiness (Professional Golf Management)

- Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-11

Grade of C

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|---------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| SCM 300: Global Supply Operations | 3 | \boxtimes | | Grade of C | |
| PGM 300: PGA/PGM Level 3 | 1 | \boxtimes | | Grade of C | |
| PGM 394: Merchandising Analysis and Concepts | 3 | \boxtimes | | Grade of C | |
| AGB 414: Agribusiness Analysis (L) | 3 | \boxtimes | | Grade of C | |
| BUA XXX: Business Entrepreneur Seminar | 1 | | | Grade of C | |
| General Education Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| PGM 484: Internship | 3 | | | Grade of C | |

Graduation Requirements Summary:

SUMMER 4
PGM 484: Internship

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 max) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements:
 - o Cultural Diversity in the U.S. (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Business (Communication) – Bachelor of Arts (B.A.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | □ MAPP □T | AG DATP DNone | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|--|----------|--------------|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | Submission of a Current SAT Reasoning score or |
| WPC 101: Student Success in Business | 3 | | | Grade of C | ACT score (we do not require the writing portion |
| CIS 105: Computer Applications & Information Technology (CS) MAT 210: Brief Calculus (MA) or MAT 270: Calculus with | 3 / | | | Grade of C | of these tests) by the end of the first term in the |
| Analytic Geometry I | 4 | | | Grade of C | program. An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | determines placement into first-year composition |
| ENG 103. Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Courses ASU Math Placement Exam score determines |
| PGS course (SB) | 3 | П | | | placement in Mathematics course |
| | | | | | See academic advisor for appropriate Student |
| | | | | | Success course requirement if not a first-time freshman. |
| | | | | | Maintain 2.0 ASU cumulative GPA in critical |
| Humanities, Fine Arts & Design (HU) | 3 | | | | courses. |
| TERM TWO: 16-30 CREDIT HOURS | | , | , | | |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) | | | | | Maintain 2.0 ASU cumulative GPA in critical |
| ECN 211: Macroeconomic Frinciples (SB) ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | courses. |
| MAT 211: Mathematics for Business Analysis or MAT 271: | | | | | |
| Calculus with Analytic Geometry II (MA) | 3 | | | Grade of C | - |
| General Education Elective ENG 101 or 102: First-Year Composition OR | 3 | | - | | - |
| ENG 101 of 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| SOC course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | , | , | | |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) | | | | | Completed First-Year Composition requirement Maintain 2.0 ASU cumulative GPA in critical |
| ECN 211: Macroeconomic Frinciples (SB) ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | courses. |
| ACC 231: Uses in Accounting Information I | 3 | | | Grade of C | |
| COM 100: Introduction to Human Communication (SB) | 3 | | | Grade of C | |
| Historical Awareness (H) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| | | | | | |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | The following lower division business critical |
| ECN 221: Business Statistics (CS) ACC 241: Uses of Accounting Information II | 3 3 | | | Grade of C Grade of C | courses must be completed by the end of the |
| | | | | | |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) | 3 3 3 | | | Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) | 3 | | | Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS | 3 3 3 4 | | | Grade of C Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) | 3 3 3 | | | Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS SCM 300: Global Supply Operations MKT 300: Principles of Marketing COM 259: Communication in Business and the Professions | 3 3 4 4 | | | Grade of C Grade of C Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS SCM 300: Global Supply Operations MKT 300: Principles of Marketing COM 259: Communication in Business and the Professions ENG 302: Business Writing (L) or ENG 301: Writing for | 3 3 4 4 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS SCM 300: Global Supply Operations MKT 300: Principles of Marketing COM 259: Communication in Business and the Professions ENG 302: Business Writing (L) or ENG 301: Writing for Professions (L) | 3 3 3 4 3 3 3 | | | Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS SCM 300: Global Supply Operations MKT 300: Principles of Marketing COM 259: Communication in Business and the Professions ENG 302: Business Writing (L) or ENG 301: Writing for Professions (L) WPC 301: Business Form | 3 3 4 4 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS SCM 300: Global Supply Operations MKT 300: Principles of Marketing COM 259: Communication in Business and the Professions ENG 302: Business Writing (L) or ENG 301: Writing for Professions (L) WPC 301: Business Form TERM SIX: 76-90 CREDIT HOURS | 3 3 4 3 3 3 3 | | | Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS SCM 300: Global Supply Operations MKT 300: Principles of Marketing COM 259: Communication in Business and the Professions ENG 302: Business Writing (L) or ENG 301: Writing for Professions (L) WPC 301: Business Form TERM SIX: 76-90 CREDIT HOURS MGT 300: Organizational Management and Leadership | 3 3 4 3 3 3 3 1 | | | Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical courses. Note: COM 312 pre-requisites include 2.5 ASU |
| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS SCM 300: Global Supply Operations MKT 300: Principles of Marketing COM 259: Communication in Business and the Professions ENG 302: Business Writing (L) or ENG 301: Writing for Professions (L) WPC 301: Business Form TERM SIX: 76-90 CREDIT HOURS MGT 300: Organizational Management and Leadership COM 312: Communication, Conflict, and Negotiation | 3 3 4 3 3 3 3 | | | Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical courses. |
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| ACC 241: Uses of Accounting Information II COM 230: Small Group Communication (SB) Literacy & Critical Inquiry (L) Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS SCM 300: Global Supply Operations MKT 300: Principles of Marketing COM 259: Communication in Business and the Professions ENG 302: Business Writing (L) or ENG 301: Writing for Professions (L) WPC 301: Business Form TERM SIX: 76-90 CREDIT HOURS MGT 300: Organizational Management and Leadership COM 312: Communication, Conflict, and Negotiation COM 400: Communication in Professions (HU, C) or COM 451: Communication and Employee Involvement Processes Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS FIN 300: Fundamentals of Finance COM 430: Leadership in Group Communication International Business Course (G) Upper division General Education Elective | 3 3 3 4 3 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | courses must be completed by the end of the fourth term in the program: CIS 105, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221 • Maintain 2.0 ASU cumulative GPA in critical courses. Note: COM 312 pre-requisites include 2.5 ASU cumulative minimum GPA Note: COM 400 & 451 pre-requisites include 2.0 ASU cumulative minimum GPA Note: COM 430 pre-requisites include 2.5 ASU cumulative minimum GPA Note: COM 430 pre-requisites include 2.5 ASU cumulative minimum GPA |
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Major Map: Business (Communication) -

Bachelor of Arts (B.A.)

W. P. Carey School of Business | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 max) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
- o Natural Science-General (SG) General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - 0 Historical Awareness (H)
- First-Year Composition



Major Map: Business (Global Politics) – Bachelor of Arts (B.A.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|-------------------------|---------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical courses) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS WPC 101: Student Success in Business | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| CIS 105: Computer Applications and Information Technology | 3 | | | Grade of C | determines placement in first-year composition courses |
| (CS) MAT 210: Brief Calculus (MA) or MAT 270: Calculus with | 3 / | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| Analytic Geometry I ENG 101or 102: First-Year Composition OR | 4 | | | | Submission of a Current SAT Reasoning score |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | or ACT score (we do not require the writing portion of these tests) by the end of the first |
| PGS course (SB): | 3 | | | | semester in the program. See academic advisor for appropriate Student |
| Humanities, Fine Arts & Design (HU): | 3 | | | | Success course requirement if not a first-time freshman. |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) - OR - ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) | 3 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | |
| ENG 107 or 108: English for Foreign Students Natural Science Quantitative (SQ): | 4 | | | | |
| SOC course (SB): | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete remaining course from: ECN 211: Macroeconomic Principles (SB) - OR - ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | Completed First-Year Composition requirement Global Politics Concentration courses (two |
| ACC 231: Uses in Accounting Information I | 3 | | | Grade of C | courses required from each group): |
| Global Politics Concentration course (SB/G) | 3 | | | Grade of C | Comparative Politics: POS 150 POS 350 POS 356 POS 453 POS |
| Literacy and Critical Inquiry (L): | 3 | | | | 454 |
| 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 | | | | World Politics: POS 160 POS 300 POS 360 POS 486 Global Issues and Problems: POS 351 POS 361 POS 364 POS 368 |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | Lower division business critical courses must be |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | completed by the end of the fourth term in the program |
| Global Politics Concentration course | 3 | | | Grade of C | |
| WPC 301: Business Forum | 1 | | | Grade of C | Global Politics Concentration courses (two |
| ENG 302: Business Writing (L) or ENG 301: Writing for Prof (L) | 3 | \boxtimes | | | courses required from each group): Comparative Politics: |
| Historical Awareness (H): | 3 | | | | POS 150 POS 350 POS 356 POS 453 POS 454 World Politics: POS 160 POS 300 POS 360 POS 486 Global Issues and Problems: POS 351 POS 361 POS 364 POS 368 |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | [7] | | Condo of C | Clobal Politics Concentration of the |
| SCM 300: Global Supply Operations | 3 | | | Grade of C | Global Politics Concentration courses (two courses required from each group): |
| MKT 300: Marketing and Business Performance Global Politics Concentration course (SB/G) | 3 | | | Grade of C Grade of C | Comparative Politics: |
| Giovai Folitics Concentration course (SB/G) | 3 | | | Grade of C | POS 150 POS 350 POS 356 POS 453 POS 454 |
| Natural Science Quantitative (SQ) or General (SG): | 4 | | | | World Politics: POS 160 POS 300 POS 360 POS 486 Global Issues and Problems: POS 351 POS 361 POS 364 POS 368 |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| MGT 300: Organization & Management Leadership | 3 | | | Grade of C | Global Politics Concentration courses (two courses required from each group): |
| Global Politics Concentration course (SB/G) | 3 | | | Grade of C | Comparative Politics: |
| Cultural Diversity (C): | 3 | | | | POS 150 POS 350 POS 356 POS 453 POS |
| Upper division Humanities, Fine Arts & Design (HU): | 3 | \boxtimes | | | 454 World Politics: |
| Upper division General Education Elective: | 3 | | | | POS 160 POS 300 POS 360 POS 486 Global Issues and Problems: POS 351 POS 361 POS 364 POS 368 |



Major Map: Business (Global Politics) – Bachelor of Arts (B.A.)

W. P. Carey School of Business | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical courses) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| FIN 300: Fundamentals of Finance | 3 | \boxtimes | | Grade of C | Global Politics Concentration courses (two |
| Global Politics Concentration course (SB/G) | 3 | \boxtimes | | Grade of C | courses required from each group): Comparative Politics: |
| Upper division General Education Elective: | 3 | \boxtimes | | | POS 150 POS 350 POS 356 POS 453 POS |
| Upper division Elective: | 3 | ⊠ | | | 454 |
| Upper division Elective: | 3 | | | | World Politics: POS 160 POS 300 POS 360 POS 486 Global Issues and Problems: POS 351 POS 361 POS 364 POS 368 |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| LES 305: Legal, Ethical and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | Global Politics Concentration courses (two |
| Global Politics Concentration course (SB/G) | 3 | \boxtimes | | Grade of C | courses required from each group): Comparative Politics: |
| International Business Course (G): | 3 | | | Grade of C | POS 150 POS 350 POS 356 POS 453 POS |
| Upper Division Elective: | 3 | \boxtimes | | | 454 |
| Elective: | 2 | | | | World Politics: POS 160 POS 300 POS 360 POS 486 Global Issues and Problems: POS 351 POS 361 POS 364 POS 368 |

Graduation Requirements Summary:

| otal Hours 20) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 max) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|-------------------|--------------------------|---|------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements:
 - Cultural Diversity in the U.S. (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First Year Composition



Major Map: Business (Law)— Bachelor of Arts (B.A.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------|--------------|---------------------------|---|
| Course Subject and Title | | Upper | Transfer | M | AUST 10 St 1B - t AVA |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| WPC 101: Student Success in Business | 3 | | | Grade of C | determines placement in first-year composition |
| CIS 105: Computer Applications and Information Technology (CS) MAT 210: Brief Calculus (MA) or MAT 270: Calculus with | 3 | | | Grade of C | courses |
| Analytic Geometry I | 3 / 4 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| ENG 101or 102: First-Year Composition OR | | | | | Submission of a Current SAT Reasoning score |
| ENG 105: Advanced First-Year Composition OR | 2 | | | Condo of C | or ACT score (we do not require the writing |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | portion of these tests) by the end of the first |
| PGS course (SB): | 3 | | | | semester in the program. See academic advisor for appropriate Student |
| | | | | | Success course requirement if not a first-time |
| | | | | | freshmen. |
| H '' F' A (0 D ' /HI) | _ | | | | Maintain 2.0 ASU cumulative GPA in critical |
| Humanities, Fine Arts & Design (HU): | 3 | | | | courses. |
| TERM TWO: 16-30 CREDIT HOURS Complete 1 course from: | | | | | Maintain 2.0 ASU cumulative GPA in critical |
| ECN 211: Macroeconomic Principles (SB) - OR - | | | | | courses. |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| MAT 211: Mathematics for Business Analysis or MAT 271: | 2 | | | C | |
| Calculus with Analytic Geometry II (MA) ENG 101 or 102: First-Year Composition OR | 3 | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ): | 4 | | | | |
| SOC course (SB): | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete remaining course from: | | | | | Completed First-Year Composition |
| ECN 211: Macroeconomic Principles (SB) - OR - ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | requirement • Maintain 2.0 ASU cumulative GPA in critical |
| • • • | | | | | courses. |
| ACC 231: Uses in Accounting Information I | 3 | | | Grade of C | |
| LAW 105: Structure/Methodology-American Legal System | 3 | | | Grade of C | |
| Literacy and Critical Inquiry (L): | 3 | | | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking (L) or | | | | | |
| COM 230: Small Group Communication or | | | | | |
| COM 259: Communication in Business and the Professions | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | Lower division business critical courses must |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | be completed by the end of the fourth term in the program |
| LAW 194: Special Topics (Law of the Deal) | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| WPC 301: Business Forum | 1 | \boxtimes | | Grade of C | courses. |
| ENG 302: Business Writing (L) or ENG 301: Writing for Prof (L) | 3 | \boxtimes | | | |
| Historical Awareness (H): | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| SCM 300: Global Supply Operations | 3 | \boxtimes | | Grade of C | |
| MKT 300: Principles of Marketing | 3 | \boxtimes | | Grade of C | |
| LAW 294: Special Topics (Introduction to Corporate Law) | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG): | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| MGT 300: Organizational Management and Leadership | 3 | \boxtimes | | Grade of C | See 2 nd page for list of approved LAW |
| LAW Concentration course: | 3 | \boxtimes | | Grade of C | concentration courses. |
| Cultural Diversity (C): | 3 | | | | |
| Upper division Humanities, Fine Arts & Design (HU): | 3 | \boxtimes | | | |
| Upper division General Education Elective: | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | <u></u> | |
| FIN 300: Fundamentals of Finance | 3 | \boxtimes | | Grade of C | |
| LAW Concentration course: | 3 | ⊠ | | Grade of C | |
| Upper division General Education Elective: | 3 | \boxtimes | | - //** | |
| Upper division Elective: | 3 | ⊠ | | | |
| Upper division Elective: | 3 | | | | |



Major Map: Business (Law)-Bachelor of Arts (B.A.)

W. P. Carey School of Business | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|---------------------------|---------------------------------------|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| LES 305: Legal, Ethical and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | |
| International Business Course (G): | 3 | \boxtimes | | Grade of C | |
| LAW Concentration course: | 3 | \boxtimes | | Grade of C | |
| Upper Division Elective: | 3 | \boxtimes | | | |
| Upper Division Elective: | 2 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 max) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements:
 - Cultural Diversity in the U.S. (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Approved Upper-Division LAW Concentration Courses for the BA in Business (Law)

LAW 394 ST: Employment Law

LAW 394 ST: Intellectual Property Strategies

LAW 394 ST: International Business Transactions

LAW 394 ST: Law and Business Globalization

LAW 394 ST: White Collar Crime & Internal Investigations

LAW 394 ST: Dispute Resolution

LAW 394 ST: Negotiating & Drafting of Business Contracts

LAW 494 ST: Technology Venture Clinic



Major Map: Business (Sustainability) – Bachelor of Arts (B.A.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | Competed Transf ☐ MAPP ☐ TA | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|----------|-------------------|------------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course/Grade | required | radiional Critical requirement Protes |
| WPC 101: Student Success in Business | 1 | | | | Submission of a Current SAT Reasoning score or |
| CIS 105: Computer Applications & Information Technology (CS) | 3 | | | Grade of C | ACT score (we do not require the writing portion of these tests) by the end of the first semester in the |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I | 3 / 4 | | | Grade of C | program. • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | determines placement into first-year composition |
| ENG 103. Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | courses ASU Math Placement Exam score determines |
| PGS course (SB) | 3 | | | | placement in Mathematics course |
| . , | | | | | See academic advisor for appropriate Student Success course requirement if not a first-time freshman. |
| Hamaritia Fina Arta & Davison (HIII) | 2 | | | | Maintain 2.0 ASU cumulative GPA in critical |
| Humanities, Fine Arts & Design (HU) | 3 | | | | courses. |
| TERM TWO: 16-30 CREDIT HOURS Complete 1 course from: | | | | | Maintain 2.0 ASU cumulative GPA in critical |
| ECN 211: Macroeconomic Principles (SB) | | _ | | | courses. |
| ECN 212: Microeconomic Principles (SB) MAT 211: Mathematics for Business Analysis or MAT 271: | 3 | | | Grade of C | |
| Calculus with Analytic Geometry II (MA) ENG 101 or 102: First-Year Composition OR | 3 | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Historical Awareness (H) | 3 | | | | |
| SOC course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete remaining course from: | | | | | Completed First-Year Composition requirement |
| ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | Maintain 2.5 GPA in concentration courses Maintain 2.0 ASU cumulative GPA in critical |
| ACC 231: Uses in Accounting Information I | 3 | | | Grade of C | courses. |
| SOS 110: A Sustainable World | 3 | | | Grade of C | Maintain 2.5 GPA in SOS 110 and SOS 111/PUP |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking (L) or COM 230: Small Group Communication (SB) or | | | | | 190 |
| COM 259: Communication in Business and the Professions | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | _ | | | Mining a Copylia |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | Maintain 2.5 GPA in concentration courses Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | courses. |
| SOS 111/PUP 190: Sustainable Cities (G & HU or SB) | 3 | | | Grade of C | Maintain 2.5 GPA in SOS 110 and SOS 111/PUP |
| Cultural Diversity (C) ENG 302: Business Writing (L) or ENG 301 Writing for | 3 | | | | 190 Lower division business critical courses must be |
| Professions (L) | 3 | \boxtimes | | | completed by the end of the fourth term in the |
| WPC 301: Business Form | 1 | \boxtimes | | Grade of C | program |
| TERM FIVE: 61-75 CREDIT HOURS | 1 | | | Grade of C | |
| SCM 300: Global Supply Operations | 3 | \boxtimes | | Grade of C | Maintain 2.5 GPA in concentration courses |
| MKT 300: Principles of Marketing | 3 | ⊠ | | Grade of C | |
| SOS 325: The Economics of Sustainability | 3 | ⊠ | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| MGT 300: Organizational Management and Leadership | 3 | \boxtimes | | Grade of C | Maintain 2.5 GPA in concentration courses |
| SOS 3XX or 4XX | 3 | \boxtimes | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) | 3 | \boxtimes | | | |
| Upper division General Education Elective | 3 | \boxtimes | | | |
| Upper division General Education Elective | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | Miles 25 CDA |
| FIN 300: Fundamentals of Finance | 3 | | | Grade of C | Maintain 2.5 GPA in concentration courses |
| SOS 394: Business and Sustainability or SCM 394: Business and Sustainability | 3 | \boxtimes | | Grade of C | |
| International Business Course (G) | 3 | ⊠ | | Grade of C | |
| Upper division elective | 3 | | | | |
| Upper division elective | 3 | \boxtimes | | | |



Major Map: Business (Sustainability) -

Bachelor of Arts (B.A.)

W. P. Carey School of Business | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|------|-------------|--------------|------------------|---|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SCM 394: Business and Sustainability II | 3 | \boxtimes | | Grade of C | Maintain 2.5 GPA in concentration courses |
| LES 305: Legal, Ethical and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Elective | 2 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 max) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
 - General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Updated: 8/2/10



Major Map: Business (Tourism) – Bachelor of Arts (B.A.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|----------|-------------|-------------------------|---------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| WPC 101: Student Success in Business | 1 | | | | Submission of a Current SAT Reasoning score |
| CIS 105: Computer Applications & Information Technology | - | | | | or ACT score (we do not require the writing |
| (CS) | 3 | | | Grade of C | portion of these tests) by the end of the first semester in the program. |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I | 3or 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 or 102: First-Year Composition OR | 7 | | | Grade of C | determines placement into first-year |
| ENG 105: Advanced First-Year Composition OR | | _ | | | composition courses ASU Math Placement Exam score determines |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course |
| PGS course (SB) | 3 | | | | See academic advisor for appropriate Student |
| | | | | | Success course requirement if not a first-time freshmen. |
| | | | | | Maintain 2.0 ASU cumulative GPA in critical |
| Humanities, Fine Arts & Design (HU) | 3 | | | | courses. |
| TERM TWO: 16-30 CREDIT HOURS | | | | | Mile 20 AGII Le GDA Will |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) | | | | | Maintain 2.0 ASU cumulative GPA in critical courses. |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | courses. |
| MAT 211: Mathematics for Business Analysis or MAT 271: | 3or | | | 0 1 60 | |
| Calculus with Analytic Geometry II (MA) ENG 101 or 102: First-Year Composition OR | 4 | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| SOC course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS Complete remaining course from: | | | | | Maintain 2.0 ASU cumulative GPA in critical |
| ECN 211: Macroeconomic Principles (SB) | | | | | courses. |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | Completed First-Year Composition requirement |
| ACC 231: Uses in Accounting Information I | 3 | | | Grade of C | |
| TDM 205: Introduction to Travel and Tourism (G) or RTM | 2 | | | Crada of C | |
| 373: Leisure Travel and Tourism (SB) Literacy & Critical Inquiry (L) | 3 | | | Grade of C | |
| COM 100: Introduction to Human Communication (SB) or | 3 | | | | |
| COM 225: Public Speaking (L) or | | | | | |
| COM 230: Small Group Communication (SB) or COM 259: Communication in Business and the Professions | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 3 | | | | |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | Lower division business critical courses must be |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | completed by the end of the fourth term in the |
| Historical Awareness (H) | 3 | ום | | Grade of C | program |
| Cultural Diversity (C) | 3 | | | | Maintain 2.0 ASU cumulative GPA in critical courses. |
| ENG 302: Business Writing (L) or ENG 301: Writing for | | | | | |
| Professions (L) | 3 | \square | | | |
| WPC 301: Business Form | 1 | \boxtimes | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| SCM 300: Global Supply Operations | 3 | | | Grade of C | |
| MKT 300: Principles of Marketing | 3 | | | Grade of C | |
| TDM concentration elective course | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | I ⊠ | | Crade of C | |
| MGT 300: Organizational Management and Leadership | 3 | | | Grade of C | |
| TDM concentration elective course Upper division Humanities, Fine Arts & Design (HU) | 3 | | | Grade of C | |
| Upper division General Education Elective | 3 | | | | |
| Upper division General Education Elective Upper division General Education Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 3 | | | | |
| FIN 300: Fundamentals of Finance | 3 | \boxtimes | | Grade of C | |
| TDM concentration elective course | 3 | | | Grade of C | |
| TDM concentration elective course | 3 | | | Grade of C | 1 |
| Upper division elective | 3 | | | 3.332 0.0 | 1 |
| Upper division elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| TDM concentration elective course | 3 | \boxtimes | | Grade of C | |
| LES 305: Legal, Ethical and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | 1 |
| International Business Course (G) | 3 | ⊠ | | Grade of C | |
| Elective | 3 | | | - | 1 |
| Elective | 2 | | | |] |



Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 max) | Overall GPA (2.000 Min) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|------------------------------------|----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0
 - 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition



Major Map: Business (Urban Policy) – Bachelor of Arts (B.A.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | | insfer Pathway: ☐TAG ☐ATP ☐None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-----------|-------------|--------------|------------------------------------|---|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | Submission of a Current SAT Reasoning score |
| WPC 101: Student Success in Business | 1 | | | | or ACT score (we do not require the writing |
| CIS 105: Computer Applications & Information Technology (CS) MAT 210: Brief Calculus (MA) or MAT 270: Calculus with | 3 3 or | | | Grade of C | portion of these tests) by the end of the first |
| Analytic Geometry I | 4 | | | Grade of C | semester in the program. |
| ENG 101 or 102: First-Year Composition OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| ENG 105: Advanced First-Year Composition OR | 2 | | | 0 1 60 | courses |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| PGS course (SB) | 3 | | | | placement in Mathematics course • See academic advisor for appropriate Student |
| | | | | | Success course requirement if not a first-time |
| | | | | | freshmen. |
| Humanities, Fine Arts & Design (HU) | 3 | | | | Maintain 2.0 ASU cumulative GPA in critical courses. |
| TERM TWO: 16-30 CREDIT HOURS | 3 | | | | courses. |
| Complete 1 course from: | | | | | Maintain 2.0 ASU cumulative GPA in critical |
| ECN 211: Macroeconomic Principles (SB) | | | | | courses. |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) | 3 or 4 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR | - | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | | _ | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| SOC course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | 1 | | Militia and Militia and Militia |
| Complete remaining course from: ECN 211: Macroeconomic Principles (SB) | | | | | Maintain 2.0 ASU cumulative GPA in critical courses. |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | Completed First-Year Composition requirement |
| ACC 231: Uses in Accounting Information I | 3 | | | Grade of C | |
| URB 300: Urban and Metropolitan Studies | 3 | | | Grade of C | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| COM 100: Introduction to Human Communication (SB) or | | | | | |
| COM 220: Public Speaking (L) or | | | | | |
| COM 230: Small Group Communication (SB) or COM 259: Communication in Business and the Professions | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | courses. |
| Historical Awareness (H) | 3 | | | | Lower division business critical courses must be completed by the end of the fourth term in the |
| Cultural Diversity (C) | 3 | | | | program |
| ENG 302: Business Writing (L) or ENG 301: Writing for | | _ | | | |
| Professions (L) | 3 | | | | |
| WPC 301: Business Form | 1 | \boxtimes | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| SCM 300: Global Supply Operations | 3 | | | Grade of C | |
| MKT 300: Principles of Marketing | 3 | | | Grade of C | |
| URB 305: Urban Governance | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | _ | - | | | |
| MGT 300: Organizational Management and Leadership | 3 | | | Grade of C | |
| PAF 340: Public Management and Policy | 3 | | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) | 3 | | | | |
| Upper division General Education Elective | 3 | | | | |
| Upper division General Education Elective | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| FIN 300:Fundamentals of Finance | 3 | | | Grade of C | |
| PAF 460: Public Service Ethics | 3 | | | Grade of C | |
| Urban Policy Elective | 3 | | | Grade of C | |
| International Business Course (G) | 3 | | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Urban Policy Elective | 3 | | | Grade of C | |
| LES 305: Legal, Ethical and Regulatory Issues in Business | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 2 | | 1 | | |



Major Map: Business (Urban Policy) -

Bachelor of Arts (B.A.)

W. P. Carey School of Business | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 max) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0
 - 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Business Exploratory -Bachelor of Science (B.S.)

W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|----------|----------|---------------|--------------------|--|--|
| Course Subject and Title | ., | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | i | | | | |
| WPC 101: Student Success in Business | 1 | | | | See academic advisor for appropriate Student Success course requirement if not first-time | |
| MAT 210: Brief Calculus (MA) OR | | | | | freshmen. | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | | | Grade of C | An SAT, ACT, or Accuplacer, or TOEFL | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | | | Grade of C | score determines placement in first-year | |
| ENG 101 or 102: First-Year Composition OR | | | | | composition courses | |
| ENG 107 or 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | ASU Math Placement Exam score | |
| Humanities, Fine Arts and Design (HU) | 3 | | | Grade of C | determines placement in Mathematics course Maintain 2.0 ASU cumulative GPA in | |
| | | | | | critical courses. | |
| PGS course (SB): | 3 | | | | eritical courses. | |
| TERM TWO: 16-30 CREDIT HOURS | | 1 | | 1 | | |
| ACC 231: Uses of Accounting Information I | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in | |
| Complete 1 course from: | | | | | critical courses. | |
| ECN 211: Macroeconomic Principles (SB) | _ | | | 0 1 60 | | |
| ECN 212: Microeconomic Principles (SB) MAT 211: Mathematics for Business Analysis OR | 3 | | | Grade of C | - | |
| MAT 271: Wathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | | | Grade of C | | |
| ENG 101 or 102: First-Year Composition OR | 3-4 | | | Grade or C | 1 | |
| ENG 105: Advanced First-Year Composition OR | | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| SOC course (SB) | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | First-Year Composition completed by end of | |
| Complete remaining course from: | | _ | | | the third term. Selection of a major by the end of the third | |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | | Selection of a major by the end of the third term. | |
| ECN 212: Microeconomic Principles (SB) | | | | Grade of C | Accountancy majors must take COM 225 | |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | (recommended) or COM 259 AND COM | |
| COM 100: Introduction to Human Communication (SB) OR | | | | | 230. | |
| COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR | 3 | | | | Management majors: COM 225 is | |
| COM 250: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | | | | | recommended. | |
| Natural Science Quantitative (SQ) | 4 | | | | Maintain 2.0 ASU cumulative GPA in critical courses. | |
| | | | | | critical courses. | |
| TERM FOUR – TERM EIGHT: 46-120 CREDIT HOURS | | | | | | |
| Students follow major map for selected W. P. Carey School of Busine | ss major | • | | | | |

Graduation Requirements Summary:

| | Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 max) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|---|----------------------|--------------------------|---|------------------------------------|-----------------------------|-------------------------|---------------------------|----------------|----------------------|---|--|
| ١ | | | | | | | | | | | l |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements:
 - Cultural Diversity in the U.S. (C)

Updated: 7/26/10

- Global Awareness (G) 0
- Historical Awareness (H)
- First-Year Composition

Additional Notes:

The critical requirements listed are the minimum requirements for any degree program in the W. P. Carey School of Business. Some degree programs have higher minimum requirements. Business Exploratory students should check the critical requirements and critical courses for any degree program they might be interested in

Prior to the fourth semester of undergraduate study, Bachelor of Science business exploratory students must choose a degree program from the following W. P. Carey business degrees:

- Accounting
- Computer Information Systems
- Economics
- Finance
- Management
- Marketing

Page 1 of 1

Supply Chain Management

After choosing a business degree program, students must meet the critical requirements for that program.



Major Map: Computer Information Systems – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|----------|-------------------|--------------------------|----------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| WPC 101:Student Success in Business | 1 | | | | See academic advisor for appropriate Student See academic advisor for appropriate Student |
| MAT 210: Brief Calculus (MA) OR | 2.4 | | | C1C | Success course if not first time freshmen. • An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | | | Grade of C | determines placement into first-year composition |
| CIS 105: Computer Applications & Information Technology (CS) ENG 101 or 102: First-Year Composition OR | 3 | Ш | | Grade of C | courses. |
| ENG 105: Advanced First-Year Composition OR | | | | | ASU Math Placement Exam score determines placement in Mathematics course. |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| Humanities, Fine Arts & Design (HU) | 3 | | | | courses. |
| PGS course (SB) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | 2 | | | 0 1 60 | Maintain 2.0 ASU cumulative GPA in critical |
| ACC 231: Uses of Accounting Information I Complete 1 course from: | 3 | | | Grade of C | courses. |
| ECN 211: Macroeconomic Principles (SB) | | | | | |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| MAT 211: Mathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR | <u> </u> | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | | _ | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| SOC course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | 0 1 10 | Complete First-Year Composition requirement: |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105. |
| ECN 221: Business Statistics (CS) Complete remaining course from: | 3 | | | Grade of C | The following lower division business critical |
| ECN 211: Macroeconomic Principles (SB) | | | | | courses must be completed by the end of the third term in the program: CIS 105, ECN 211, ECN |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | 212, ACC 231, ACC 241, ECN 221. |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | Maintain 2.0 ASU cumulative GPA in critical |
| COM 100: Introduction to Human Communication (SB) OR | | | | | courses. |
| COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR | | | | | |
| COM 259: Communication in Business and the Professions | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| CSE 182: Applied Problem Solving with C#.Net OR CIS 194: | 2 | | | 0 1 60 | Maintain 2.0 ASU cumulative GPA in critical |
| Special Topics - Business Systems Solutions | 3 | | | Grade of C Grade of C | courses. |
| CIS 235: Introduction to Information Systems SCM 300: Global Supply Operations | 3 | | | Grade of C | |
| Historical Awareness (H) | 3 | | | Grade of C | |
| Cultural Diversity in the U.S. (C) | 3 | | | | |
| WPC 301: Business Forum | 1 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | 1 | | | Grade of C | |
| ACC 444: Enterprise Process Analysis | 3 | \boxtimes | | Grade of C | |
| CIS 340: Object Oriented Modeling and Programming | 3 | ⊠ | | Grade of C | |
| FIN 300: Fundamentals of Finance | 3 | ⊠ | | Grade of C | |
| ENG 302: Business Writing (L) | 3 | | | | |
| Upper division Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| CIS 360: Business Database Concepts | 3 | \boxtimes | | Grade of C | |
| CIS 430 : Networks and Distributed Systems | 3 | \boxtimes | | Grade of C | |
| LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | |
| MKT 300: Marketing and Business Performance | 3 | \boxtimes | | Grade of C | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| CIS 425: Electronic Commerce Strategy | 3 | \boxtimes | | Grade of C | |
| MGT 300 : Organization and Management Leadership | 3 | \boxtimes | | Grade of C | |
| Upper division General Education Elective | 3 | \boxtimes | | | |
| Upper division General Education Elective | 3 | \boxtimes | | | |
| Elective | 2 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| CIS 440: Systems Design and Electronic Commerce (L) | 3 | \boxtimes | | Grade of C | |
| International Business Course (G) | 3 | \boxtimes | | Grade of C | |
| Upper division General Education Elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |



Major Map: Computer Information Systems -

Bachelor of Science (B.S.)

W. P. Carey School of Business | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 Max.) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|-------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0

 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Economics – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | | insfer Pathway: | Completed General Education: |
|--|------|-------------|-------------------|-------------------------------|--|
| Course Subject and Title | | Upper | ☐ MAPP ☐ Transfer | TAG ATP None Minimum Grade if | □AGEC □IGETC/CSUGE □None |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | Con and amin advisor for annuaminta Student |
| WPC 101: Student Success in Business | 1 | | | | See academic advisor for appropriate Student Success course if not first time freshmen. |
| MAT 210: Brief Calculus (MA) OR | 3-4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 270: Calculus with Analytic Geometry I (MA) | | | | | determines placement into first-year composition courses |
| CIS 105: Computer Applications & Information Technology (CS) ENG 101 or 102: First-Year Composition OR | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| ENG 105: Advanced First-Year Composition OR | | | | | placement in Mathematics course Maintain 2.0 ASU cumulative GPA in critical |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | courses. |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| PGS course (SB) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ACC 231: Uses of Accounting Information I | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| Complete 1 course from: | | | | Grade of C | courses. |
| ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB) | 3 | | | | |
| MAT 211: Mathematics for Business Analysis OR | | | | Grade of C | |
| MAT 271: Calculus with Analytic Geometry II ENG 101 or 102: First-Year Composition OR | 3/4 | | | | 4 |
| ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | _ |
| SOC course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 3 | | | Condo of C | Complete First-Year Composition requirement: |
| ACC 241: Uses of Accounting Information II Complete remaining course from: | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| ECN 211: Macroeconomic Principles (SB) | | _ | | | Lower division business critical courses must be |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | completed by the end of the third term in the program |
| ECN 221: Business Statistics (CS) COM 100: Introduction to Human Communication (SB) OR | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| COM 225: Public Speaking (L) OR | | | | | courses. |
| COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | | | |
| | | _ | | | - |
| Natural Science Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | 5 7 | | 0 1 60 | Maintain 2.0 ASU cumulative GPA in critical |
| ECN 3**or ECN 4** (SB) SCM 300: Global Supply Operations | 3 | | | Grade of C Grade of C | courses. |
| Cultural Diversity in the U. S. (C) | 3 | | | Grade of C | - |
| Historical Awareness (H) | 3 | | | | |
| ENG 302: Business Writing (L) | 3 | ⊠ | | | |
| WPC 301: Business Forum | 1 | \boxtimes | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| ECN 312: Intermediate Microeconomic Theory (SB) | 3 | ⊠ | | Grade of C | |
| Upper Division elective | 3 | | | | |
| FIN 300: Fundamentals of Finance | 3 | | | Grade of C | _ |
| Science Quantitative (SQ) or Science General (SG) | 3 | | | | 4 |
| Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS | 3 | \boxtimes | | | |
| ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | \boxtimes | | Grade of C | ECN 312 and ECN 313 completed |
| ECN 4** | 3 | | | Grade of C | Minimum of two 300/400 level economic |
| MKT 300: Marketing and Business Performance | 3 | ⊠ | | Grade of C | courses completed |
| MGT 300: Organization and Management Leadership | 3 | ⊠ | | Grade of C | 7 |
| General Education Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| ECN 306: Survey of International Economics (G) OR ECN 360: Economic Development (G) OR | | | | | |
| ECN 436: International Trade Theory (G) OR | | | | | |
| ECN 438: International Monetary Economics (G) | 3 | | | Grade of C | 4 |
| ECN 410: Applied Business Forecasting OR ECN 425: Introduction to Econometrics | 3 | \boxtimes | | Grade of C | |
| ECN 4** | | | | İ | 1 |
| | 3 | | | Grade of C | |
| LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 | ⊠ ⊠ | | Grade of C Grade of C | |



Major Map: Economics - Bachelor of Science (B.S.)

W. P. Carey School of Business | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|--|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ECN 475: Capstone in Economics (L) | 3 | | | Grade of C | Complete all major courses and international |
| General Education Elective | 3 | | | | business requirements |
| General Education Elective | 3 | | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| 7 | Total Hours | Total Hrs at | Hrs Resident | Transfer UD | Overall GPA | BUS GPA | Major GPA | C Min. Req. | Total UD Hrs | Total Comm. | Total |
|---|-------------|--------------|--------------|-------------|--------------|--------------|--------------|-------------|--------------|--------------|------------|
| (| 120) | ASU (30) | Credit for | Bus. Hrs | (2.000 Min.) | (2.000 Min.) | (2.000 Min.) | | (51) | College Hrs. | Comm. |
| | | | Academic | (9 Max.) | | | | | | (64 Max) | Coll. Bus. |
| | | | Recognition | | | | | | | | Hrs. (30 |
| | | | (56) | | | | | | | | Max) |
| | | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Finance – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

Competed Transfer Pathway: Completed General Education: \square MAPP □TAG □ATP □None □AGEC □IGETC/CSUGE □None Course Subject and Title Upper Transfer courses in bold/shading Minimum Grade if Required Course/Grade Additional Critical Requirement Notes **TERM ONE: 0-15 CREDIT HOURS** An SAT, ACT, Accuplacer, or TOEFL score WPC 101: Student Success in Business П determines placement into first-year composition MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) 3/4 Grade of C ASU Math Placement Exam score determines CIS 105: Computer Applications & Information Technology (CS) 3 Grade of C placement in Mathematics course ENG 101 or 102: First-Year Composition OR See academic advisor for appropriate Student ENG 105: Advanced First-Year Composition OR Success course requirement if not a first-time Grade of C ENG 107 or 108: English for Foreign Students freshmen. 3 Humanities, Fine Arts & Design (HU) Maintain 2.0 ASU cumulative GPA in critical courses. PGS course (SB) TERM TWO: 16-30 CREDIT HOURS Maintain 2.0 ASU cumulative GPA in critical 3 ACC 232: Financial Accounting I Grade of C Complete 1 course from: ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB) П Grade of C MAT 211: Mathematics for Business Analysis OR 3/4 Grade of C MAT 271: Calculus with Analytic Geometry II ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students Grade of C SOC course (SB) **TERM THREE: 31-45 CREDIT HOURS** • Complete First-Year Composition requirement: ACC 242: Managerial Accounting I 3 Grade of C ENG 101 & 102 OR ENG 107 & 108 or 105 Complete remaining course from: · Lower division business critical courses must be ECN 211: Macroeconomic Principles (SB) completed by the end of the third term in the ECN 212: Microeconomic Principles (SB) П Grade of C program ECN 221: Business Statistics (CS) 3 Grade of C Maintain 2.0 ASU cumulative GPA in critical COM 100: Introduction to Human Communication (SB) OR courses COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions 4 Natural Science Quantitative (SQ) **TERM FOUR: 46-60 CREDIT HOURS** Maintain 2.0 ASU cumulative GPA in critical FIN 302: Managerial Finance \boxtimes Grade of C courses **SCM 300: Global Supply Operations** 3 \boxtimes Grade of C Cultural Diversity (C) 3 Historical Awareness (H) 3 \boxtimes ENG 302: Business Writing (L) 3 WPC 301: Business Forum \boxtimes Grade of C **TERM FIVE: 61-75 CREDIT HOURS** 3 ACC 340: External Reporting I \boxtimes Grade of C FIN 331: Financial Markets and Institutions 3 \boxtimes Grade of C MKT 300: Marketing and Business Performance 3 \boxtimes Grade of C Natural Science Quantitative (SQ) or General (SG) 4 **TERM SIX: 76-90 CREDIT HOURS** FIN 361: Advance Managerial Finance 3 \boxtimes Grade of C MGT 300: Organization and Management Leadership 3 \boxtimes Grade of C Upper division Humanities, Fine Arts & Design (HU) 3 \boxtimes General Education Elective 3 General Education Elective 3 **TERM SEVEN: 91-105 CREDIT HOURS** FIN 421: Security Analysis and Portfolio Management 3 \boxtimes Grade of C Finance Major Elective 3 \boxtimes Grade of C \boxtimes International Business Course (G) 3 Grade of C $LES \, \underline{305} \hbox{: Legal, Ethical, and Regulatory Issues in Business}$ Grade of C \boxtimes 3 П Elective 3 **TERM EIGHT: 106-120 CREDIT HOURS** FIN 461: Financial Cases and Modeling (L) 3 \boxtimes Grade of C Upper division Elective (Recommend FIN 484) 3 \boxtimes Upper division Elective (Recommend ACC 350 or 440) 3 \boxtimes 3 Upper division elective \boxtimes General Education Elective 2





Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 Max.) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|-------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|-------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Major Proficiency Requirements

In addition to school of business and university requirements, Finance majors must receive grades of "C" (2.00) or higher in the required upper-division major courses. If a student receives a grade below "C" (2.00) in any required upper-division major course, this course must be repeated before taking any other upper-division major course for which this course is a prerequisite. If a second grade below "C" (2.00) is received in either an upper-division major course already taken or in a different upper-division major course, the student is no longer eligible to take additional upper-division major courses.



Major Map : Management – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | Competed Trans ☐ MAPP ☐ □ | sfer Pathway: CAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|--|-------------|----------------------------|--|---|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| WPC 101: Student Success in Business | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 210: Brief Calculus (MA) OR | | | | 0.1.60 | determines placement into first-year composition |
| MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | | | Grade of C | courses • ASU Math Placement Exam score determines |
| CIS 105: Computer Applications & Information Technology (CS) | 3 | | | Grade of C | placement in Mathematics course |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | See academic advisor for appropriate Student |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Success course requirement if not a first-time freshmen. |
| Humanities, Fine Arts & Design (HU) | 3 | | | | Maintain 2.0 ASU cumulative GPA in critical |
| PGS course (SB) | 3 | | | | courses. |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ACC 231: Uses of Accounting Information I | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) | 3 | | | Grade of C | courses. |
| ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | |
| MAT 211: Mathematics for Business Analysis OR | 3-4 | | | Grade of C | |
| MAT 271: Calculus with Analytic Geometry II (MA) ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | |
| ENG 107 or 108: English for Foreign Students | | | | | |
| SOC course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | 0 1 10 | Complete First Wars Commention and the |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Complete remaining course from: ECN 211: Macroeconomic Principles (SB) | 3 | | | Grade of C | Lower division business critical courses must be |
| ECN 212: Microeconomic Principles (SB) | | | | | completed by the end of the third term in the program |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| Natural Science Quantitative (SQ) | 4 | | | | courses. |
| COM 100: Intro to Human Communication OR COM 225: Public Speaking (L) (recommended) OR | | | | | |
| COM 230: Small Group Communication | 3 | | | | |
| COM 259: Communication in Business and the Professions | | | | | |
| | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | . □ | | Condo of C | Maintain 2.0 ASII aumulativa CDA in aritical |
| MGT 300: Organization & Management Leadership | 3 | ⊠ ⊠ | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical courses. |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior | 3 | \boxtimes | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) | 3 | × × | | | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) | 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) | 3 | | | Grade of C Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum | 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) | 3 3 3 3 | | | Grade of C Grade of C Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course | 3 3 3 3 1 | | | Grade of C Grade of C Grade of C Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance | 3 3 3 3 1 | | | Grade of C Grade of C Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) | 3 3 3 1 3 4 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations | 3 3 3 3 1 3 4 3 | | | Grade of C Grade of C Grade of C Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) | 3 3 3 1 3 4 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS | 3 3 3 1 3 4 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management | 3 3 3 3 1 3 4 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective | 3 3 3 3 1 3 4 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective | 3 3 3 3 1 3 4 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective General Education Elective | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective TERM SEVEN: 91-105 CREDIT HOURS | 3 3 3 3 1 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective TERM SEVEN: 91-105 CREDIT HOURS Management Major Elective | 3 3 3 3 1 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective TERM SEVEN: 91-105 CREDIT HOURS Management Major Elective Management Major Elective Management Major Elective | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective General Education Elective TERM SEVEN: 91-105 CREDIT HOURS Management Major Elective Management Major Elective Management Major Elective LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective TERM SEVEN: 91-105 CREDIT HOURS Management Major Elective Management Major Elective LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division elective | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective TERM SEVEN: 91-105 CREDIT HOURS Management Major Elective Management Major Elective LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division elective General Education Elective | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective TERM SEVEN: 91-105 CREDIT HOURS Management Major Elective LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division elective TERM EIGHT: 106-120 CREDIT HOURS | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C | |
| MGT 300: Organization & Management Leadership MGT 320: Organizational Behavior ENG 302: Business Writing (L) Historical Awareness (H) Cultural Diversity in the U.S. (C) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MGT 302: Principles of International Business (G) or any approved International Business course MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) SCM 300: Global Supply Operations Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS MGT 410: Responsible Management Management Major Elective FIN 300: Fundamentals of Finance General Education Elective TERM SEVEN: 91-105 CREDIT HOURS Management Major Elective LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division elective TERM EIGHT: 106-120 CREDIT HOURS MGT 460: Strategic Management (L) | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C |



Major Map: Management - Bachelor of Science (B.S.)

W. P. Carey School of Business | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 Max.) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|-------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB)
 - 0
 - 0
 - 0 Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition



Major Map: Management (Entrepreneurship) – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | | rAG □ATP □None | □AGEC □IGETC/CSUGE □None |
|--|------|-------------|--------------------------|------------------|--|
| Course Subject and Title | 11 | Upper | Transfer Course/Grade | Minimum Grade if | Additional Carried Demonstrate Mater |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| WPC 101: Student Success in Business | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 210: Brief Calculus (MA) OR | | | | | determines placement into first-year composition |
| MAT 270: Calculus with Analytic Geometry I (MA) | 3/4 | | | Grade of C | courses ASU Math Placement Exam score determines |
| CIS 105: Computer Applications & Information Technology (CS) | 3 | | | Grade of C | placement in Mathematics course |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | See academic advisor for appropriate Student |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Success course requirement if not a first-time freshmen. |
| Humanities, Fine Arts & Design (HU) | 3 | | | | Maintain 2.0 ASU cumulative GPA in critical |
| PGS course (SB) | 3 | | | | courses. |
| TERM TWO: 16-30 CREDIT HOURS | 3 | | | | |
| ACC 231: Uses of Accounting Information I | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| Complete 1 course from: | _ | | | | courses. |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | Crada of C | |
| ECN 212: Microeconomic Principles (SB) MAT 211: Mathematics for Business Analysis OR | 3 | | | Grade of C | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 3/4 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 103: Advanced Flist-Teal Composition OK ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| SOC course (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| ACC 241: Uses of Accounting Information II | 3 | | | Grade of C | Complete First-Year Composition requirement: DNG 101 0 102 OR FNG 107 0 109 |
| Complete remaining course from: | | | | | ENG 101 & 102 OR ENG 107 & 108 or 105 Lower division business critical courses must be |
| ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | completed by the end of the third term in the |
| ECN 221: Business Statistics (CS) | 3 | | | Grade of C | program |
| Natural Science Quantitative (SQ) | 4 | | | | Maintain 2.0 ASU cumulative GPA in critical courses. |
| 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 FOUR: 46-60 CREDIT HOURS | | | | | |
| MGT 300: Organization & Management Leadership | 3 | | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical courses. |
| MGT 320: Organizational Behavior | 3 | | | Grade of C | courses. |
| ENG 302: Business Writing (L) | 3 | | | Grade of C | |
| Historical Awareness (H) | 3 | | | | |
| Cultural Diversity in the U.S. (C) | 3 | | | 0 1 60 | |
| WPC 301: Business Forum | 1 | \boxtimes | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS MGT 394: Special Topics | 3 | \boxtimes | | Grade of C | |
| MGT 302: Principles of International Business (G) | 3 | | | Grade of C | |
| FIN 300: Fundamentals of Finance | 3 | ⊠ | | Grade of C | |
| SCM 300: Global Supply Operations | 3 | ⊠ | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| MGT 440: Entrepreneurship | 3 | \boxtimes | | Grade of C | |
| LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) | 3 | \boxtimes | | | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| General Education Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper division Entrepreneurship Elective | 3 | | | Grade of C | |
| Upper division Entrepreneurship Elective | 3 | | | Grade of C | |
| MKT 300: Marketing and Business Performance | 3 | | | Grade of C | |
| General Education Elective | 3 | | | , | |
| TERM EIGHT: 106-120 CREDIT HOURS | â | | | 6 1 66 | |
| MGT 445: Business Plan Development | 3 | | | Grade of C | |
| Upper division Entrepreneurship Elective | 3 | | | Grade of C | |
| Upper division elective Upper Division Elective | 3 | | | | |
| Elective | 2 | | | | |
| - | | . – | | | · |



Major Map: Management (Entrepreneurship) -

Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 Max.) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|-------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) Mathematical Studies (MA) 0
 - 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - 0 Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Marketing – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | ☐ MAPP ☐ TAG ☐ ATP | □None □AGEC □IGETC/CSUGE □None |
|---|---|-------------------|--|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Minimum Gra Course/Grade Required | de if Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1115. | Division | Course/Orace Required | Additional Critical Requirement Notes |
| WPC 101: Student Success in Business | 1 | | | An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | | Grade of C | determines placement into first-year composition courses |
| CIS 105: Computer Applications & Information Technology (CS) | 3 | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | Grade of C | See academic advisor for appropriate Student Success course requirement if not a first-time |
| Humanities, Fine Arts & Design (HU) | 3 | | | freshmen. • Maintain 2.0 ASU cumulative GPA in critical |
| PGS course (SB) | 3 | | | courses. |
| TERM TWO: 16-30 CREDIT HOURS | | | | |
| ACC 231: Uses of Accounting Information I | 3 | | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB) | 3 | | Grade of C | courses. |
| MAT 211: Mathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | Grade of C | |
| SOC course (SB) | 3 | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | |
| ACC 241: Uses of Accounting Information II | 3 | | Grade of C | Complete First-Year Composition requirement: DNG 101 & 102 OP FNG 107 & 109 105 |
| Complete remaining course from: ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB) | 3 | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 Lower division business critical courses must be completed by the end of the third term in the |
| ECN 221: Business Statistics (CS) | 3 | | Grade of C | program |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR | 3 | | | Maintain 2.0 ASU cumulative GPA in critical courses. |
| COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | | | | |
| Natural Science Quantitative (SQ) | 4 | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | |
| | | 1 | 0 1 10 | Maintain 2.0 ACII annualation CDA in antical |
| MKT 302: Applied Marketing Management and Leadership (L) | 3 | \square | Grade of C | Maintain 2.0 ASU cumulative GPA in critical |
| ENG 302: Business Writing | 3 | ⊠ | Grade of C Grade of C | Maintain 2.0 ASO cumulative GPA in critical courses. |
| ENG 302: Business Writing Historical Awareness (H) | 3 | | | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) | 3 3 3 | | | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) | 3 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum | 3 3 3 3 | | | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) | 3 3 3 3 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS | 3 3 3 1 | | Grade of C Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) | 3 3 3 1 | | Grade of C Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance | 3 3 3 1 1 | | Grade of C Grade of C Grade of C Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations | 3 3 3 1 3 3 3 4 | | Grade of C Grade of C Grade of C Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) | 3 3 3 1 1 | | Grade of C Grade of C Grade of C Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective | 3 3 3 1 3 3 3 4 | | Grade of C Grade of C Grade of C Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS | 3 3 3 1 3 3 3 4 2 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership | 3 3 3 1 1 3 3 4 2 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 3 3 1 3 3 4 2 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective | 3 3 3 1 3 3 3 4 2 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS | 3 3 3 1 3 3 3 4 2 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective | 3 3 3 1 3 3 3 4 2 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS MKT 442: Services Marketing Strategy or MKT 452: Business-to-Business Marketing Strategy or | 3 3 3 1 1 3 3 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS MKT 442: Services Marketing Strategy or MKT 452: Business-to-Business Marketing Strategy or MKT 462: Competitive Marketing Strategy | 3 3 3 3 1 3 3 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS MKT 442: Services Marketing Strategy or MKT 452: Business-to-Business Marketing Strategy or MKT 462: Competitive Marketing Strategy MKT Major Elective | 3 3 3 1 3 3 3 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS MKT 442: Services Marketing Strategy or MKT 452: Business-to-Business Marketing Strategy or MKT 462: Competitive Marketing Strategy MKT Major Elective International Business Course (G) | 3 3 3 1 1 3 3 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS MKT 442: Services Marketing Strategy or MKT 452: Business-to-Business Marketing Strategy or MKT 462: Competitive Marketing Strategy MKT Major Elective International Business Course (G) Elective | 3 3 3 1 3 3 3 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS MKT 422: Services Marketing Strategy or MKT 452: Business-to-Business Marketing Strategy or MKT 462: Competitive Marketing Strategy MKT Major Elective International Business Course (G) Elective General Education Elective TERM EIGHT: 106-120 CREDIT HOURS MKT Major Elective | 3 3 3 1 3 3 3 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C | |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS MKT 442: Services Marketing Strategy or MKT 452: Business-to-Business Marketing Strategy or MKT 462: Competitive Marketing Strategy MKT Major Elective International Business Course (G) Elective General Education Elective TERM EIGHT: 106-120 CREDIT HOURS MKT Major Elective Upper division elective | 3 3 3 1 3 3 3 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C |
| ENG 302: Business Writing Historical Awareness (H) Cultural Diversity in the U.S. (C) Upper division Humanities, Fine Arts & Design (HU) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS MKT 352: Marketing Research (L) FIN 300: Fundamentals of Finance SCM 300: Global Supply Operations Natural Science Quantitative (SQ) or General (SG) General Education Elective TERM SIX: 76-90 CREDIT HOURS MKT 402: Consumer Behavior MKT Major Elective MGT 300: Organization and Management Leadership LES 305: Legal, Ethical, and Regulatory Issues in Business Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS MKT 442: Services Marketing Strategy or MKT 452: Business-to-Business Marketing Strategy or MKT 462: Competitive Marketing Strategy MKT Major Elective International Business Course (G) Elective General Education Elective TERM EIGHT: 106-120 CREDIT HOURS MKT Major Elective | 3 3 3 3 1 3 3 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C |



Major Map: Marketing – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition | Transfer UD Bus. Hrs (9 Max.) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|-------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | (56) | | | | | | | | |
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - 0 Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - 0 Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Supply Chain Management – Bachelor of Science (B.S.) W. P. Carey School of Business | Catalog Year: 2010-2011

| | | | Competed Transfer Pathy ☐ MAPP ☐ TAG ☐. | vay: ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | | | | |
|---|--|----------|--|---------------------------------------|---|--|--|--|--|
| Course Subject and Title | | Upper | Transfer | | | | | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade Minimum | Grade if Required | Additional Critical Requirement Notes | | | | |
| WPC 101: Student Success in Business | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score | | | | |
| MAT 210: Brief Calculus (MA) OR | 3-4 | | Grade of | ·C | determines placement into first-year composition | | | | |
| MAT 270: Calculus with Analytic Geometry I (MA) | | | | | courses ASU Math Placement Exam score determines | | | | |
| CIS 105: Computer Applications & Information Technology (CS) ENG 101 or 102: First-Year Composition OR | 3 | | Grade of | C | placement in Mathematics course | | | | |
| ENG 101 of 102. First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | Grade of | C | See academic advisor for appropriate Student Success course requirement if not a first time | | | | |
| ENG 107 or 108: English for Foreign Students | | | | | Success course requirement if not a first-time freshmen. | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | Maintain 2.0 ASU cumulative GPA in critical | | | | |
| PGS course (SB) | 3 | | | | courses. | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | , | | | | | | |
| ACC 231: Uses of Accounting Information I | 3 | | Grade of | С | Maintain 2.0 ASU cumulative GPA in critical | | | | |
| Complete 1 course from: ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB) | 3 | | Grade of | C | courses. | | | | |
| MAT 211: Mathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA) | 3/4 | | Grade of | С | | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | Grade of | C | | | | | |
| SOC course (SB) | 3 | | | | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | | | | |
| ACC 241: Uses of Accounting Information II | 3 | | Grade of | С | Complete First-Year Composition requirement: ENGLODE FIRST 107 8 109 105 | | | | |
| Complete remaining course from: ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB) | 3 | | Grade of | С | ENG 101 & 102 OR ENG 107 & 108 or 105 Lower division business critical courses must be completed by the end of the third term in the | | | | |
| ECN 221: Business Statistics (CS) | 3 | | Grade of | C | program | | | | |
| COM 100: Introduction to Human Communication (SB) OR | | | | | Maintain 2.0 ASU cumulative GPA in critical courses. | | | | |
| COM 225: Public Speaking (L) OR | 3 | | | | courses. | | | | |
| COM 230: Small Group Communication (SB) COM 259: Communication in Business and the Professions | | | | | | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | | | | | |
| | | | | | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS MGT 300: Organization and Management Leadership | 3 | | Grade of | С | Maintain 2.0 ASU cumulative GPA in critical | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations | 3 | | Grade of Grade of | | Maintain 2.0 ASU cumulative GPA in critical courses. | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) | 3 | | | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) | 3 3 | | | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) | 3 3 3 3 | | Grade of | C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum | 3 3 | | | C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS | 3 3 3 1 | | Grade of | C C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management | 3 3 3 1 | | Grade of Grade of | c c | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) | 3 3 3 1 | | Grade of | C C C C C C C C C C C C C C C C C C C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance | 3 3 3 1 | | Grade of Grade of Grade of Grade of | C C C C C C C C C C C C C C C C C C C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) | 3 3 3 1 3 3 3 | | Grade of Grade of Grade of Grade of | C C C C C C C C C C C C C C C C C C C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) | 3 3 3 1 3 3 3 4 | | Grade of Grade of Grade of Grade of | C C C C C C C C C C C C C C C C C C C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) | 3 3 3 1 3 3 3 4 3 | | Grade of Grade of Grade of Grade of | C C C C C C C C C C C C C C C C C C C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance | 3 3 3 1 1 3 3 4 3 3 | | Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 3 3 1 3 3 3 4 3 3 3 3 3 3 3 | | Grade of Grade of Grade of Grade of Grade of Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective | 3 3 3 1 1 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective | 3 3 3 1 3 3 3 4 3 3 3 3 3 3 3 | | Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS | 3 3 3 3 1 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | C C C C C C C C C C C C C C C C C C C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective | 3 3 3 1 1 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | C C C C C C C C C C C C C C C C C C C | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS SCM 432: Planning and Control Systems for Supply Chain Management SCM 455: Research and Negotiation | 3 3 3 1 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS SCM 432: Planning and Control Systems for Supply Chain Management SCM 455: Research and Negotiation Upper division elective | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS SCM 432: Planning and Control Systems for Supply Chain Management SCM 455: Research and Negotiation Upper division elective Elective | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS SCM 432: Planning and Control Systems for Supply Chain Management SCM 455: Research and Negotiation Upper division elective Elective General Education Elective | 3 3 3 3 1 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS SCM 432: Planning and Control Systems for Supply Chain Management SCM 455: Research and Negotiation Upper division elective Elective General Education Elective TERM EIGHT: 106-120 CREDIT HOURS | 3 3 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS SCM 432: Planning and Control Systems for Supply Chain Management SCM 455: Research and Negotiation Upper division elective Elective General Education Elective TERM EIGHT: 106-120 CREDIT HOURS SCM 440: Quality Management/Measurement | 3 3 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | | | | | | |
| MGT 300: Organization and Management Leadership SCM 300: Global Supply Operations Historical Awareness (H) Cultural Diversity in the U.S. (C) ENG 302: Business Writing (L) WPC 301: Business Forum TERM FIVE: 61-75 CREDIT HOURS SCM 345: Logistics Management International Business Course (G) MKT 300: Marketing and Business Performance Natural Science Quantitative (SQ) or General (SG) Upper division Humanities, Fine Arts & Design (HU) TERM SIX: 76-90 CREDIT HOURS SCM 355: Supply Management (L) FIN 300: Fundamentals of Finance LES 305: Legal, Ethical, and Regulatory Issues in Business General Education Elective Upper division General Education Elective TERM SEVEN: 91-105 CREDIT HOURS SCM 432: Planning and Control Systems for Supply Chain Management SCM 455: Research and Negotiation Upper division elective Elective General Education Elective TERM EIGHT: 106-120 CREDIT HOURS | 3 3 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of | | | | | | |



Major Map: Supply Chain Management -**Bachelor of Science (B.S.)**

W. P. Carey School of Business | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30) | Hrs Resident Credit for Academic Recognition (56) | Transfer UD Bus. Hrs (9 Max.) | Overall GPA (2.000 Min.) | BUS GPA (2.000 Min.) | Major GPA (2.000 Min.) | C Min. Req. | Total UD Hrs (51) | Total Comm. College Hrs. (64 Max) | Total Comm. Coll. Bus. Hrs. (30 Max) |
|----------------------|--------------------------|---|-------------------------------------|-----------------------------|-------------------------|---------------------------|-------------|----------------------|---|--|
| | | | | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0

 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

Updated: 7/26/10



Major Map : Architectural Studies – Bachelor of Science in Design (B.S.D.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: | Completed General Education: | | | |
|---|------|--|-------------------|---------------------------|---|--|--|--|
| Course Subject and Title | | Upper | ☐ MAPP ☐ Transfer | ☐TAG ☐ATP ☐None | □AGEC □IGETC/CSUGE □None | | | |
| (courses in bold /shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | | | |
| TERM ONE: 0-16 CREDIT HOURS ASU 101 The ASU Experience | 1 | | | Grade of C | A CII 101 is for A CII freshmen students only | | | |
| ENG 101 and 102 First-Year Composition OR | 3 | | | Grade of C | ASU 101 is for ASU freshman students only. Not required of transfer students | | | |
| ENG 107 and 108 English for Foreign Students OR | , | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | | | |
| NG 105 Advanced First-Year Composition | | | | | determines placement into first-year | | | |
| ALA 100 Introduction to Environmental Design ⁴ (HU,G,H) OR | 3 | | | Grade of C | composition courses ASU Math Placement Exam score determines | | | |
| ALA 102 Architecture, Landscape Architecture, and Society ⁴ (G) ALA 121 Design Fundamentals ^{1,4,5} | 3 | | | Grade of C | placement in Mathematics course | | | |
| MAT 170 Pre-Calculus (MA) | 3 | | | Grade of C | Minimum 2.0 cumulative GPA in all attempts | | | |
| Elective | 3 | | | | of critical courses. • Minimum 2.50 ASU cumulative GPA | | | |
| TERM TWO: 17-32 CREDIT HOURS | 5 | | | | Minimum 2.30 ASC Cumulative Of A | | | |
| ENG 101 and 102 First-Year Composition OR | 3 | | | Grade of C | Minimum 2.0 cumulative GPA in all attempts | | | |
| ENG 107 and 108 English for Foreign Students OR | | _ | | | of critical courses. | | | |
| ENG 105 Advanced First-Year Composition | | | | | Minimum 2.75 ASU cumulative GPA | | | |
| ALA 100 Introduction to Environmental Design ⁴ (HU,G,H) OR ALA 102 Architecture, Landscape Architecture, and Society ⁴ (G) | 3 | | | Grade of C | MILESTONE: Architectural Studies (page 2) | | | |
| ALA 122 Design Fundamentals II ^{2,4,5} | 3 | | | Grade of C | 2) | | | |
| ALA 124 Design Fundamentals II Lecture ² | 1 | | | Grade of C | | | | |
| Social and Behavioral Sciences (SB) | 3 | | | Grade of C | | | | |
| Cultural Diversity (C) | 3 | | | | | | | |
| TERM THREE: 33-46 CREDIT HOURS | J | | | | | | | |
| ALA 225 Design Fundamentals III 1,4,5 | 3 | | | Grade of C | Complete First-Year Composition | | | |
| ALA 227 Design Fundamentals III Lecture ¹ | 1 | | | Grade of C | requirement: | | | |
| ALA 235 Introduction to Computer Modeling ^{1, 4, 5} (CS) | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 Minimum 2.0 cumulative GPA in all attempts | | | |
| PHY 101 Introduction to Physics (SQ) | 4 | | | | of critical courses. | | | |
| APH 213 History of Arch I ^{1,4} (HU/L) | 3 | | | | Minimum 3.00 ASU cumulative GPA | | | |
| TERM FOUR: 47-60 CREDIT HOURS | | | | | | | | |
| ALA 226 Design Fundamentals IV 2,4,5 | 4 | | | Grade of C | Minimum 2.0 cumulative GPA in all attempts | | | |
| ATE 240 Building Systems ^{2,4} | 3 | | | Grade of C | of critical courses. | | | |
| Natural Science – Quantitative or General (SQ/SG) ³ | 4 | | | | Minimum 3.00 ASU cumulative GPA | | | |
| APH 214 History of Arch II ^{2,4} (HU/L) | 3 | | | | | | | |
| TERM FIVE: 61-74 CREDIT HOURS | | | | | | | | |
| ADE 321 Architectural Studio I ¹ | 5 | | | Grade of C | Minimum 2.0 cumulative GPA in all attempts | | | |
| APH 336 20 th Century Arch I ¹ (HU) | 3 | \boxtimes | | Grade of C | of critical courses. • Minimum 3.00 ASU cumulative GPA | | | |
| ATE 361 Building Structure I ¹ | 3 | | | Grade of C | - Minimum 5.00 ASO cumulative of A | | | |
| Elective | 3 | | | | | | | |
| TERM SIX: 75-88 CREDIT HOURS | | | | | | | | |
| ADE 322 Architectural Studio II ² | 5 | | | Grade of C | Minimum 2.0 cumulative GPA in all attempts | | | |
| APH 337 20 th Century Arch II ² (HU) | 3 | | | Grade of C | of critical courses. • Minimum 3.00 ASU cumulative GPA | | | |
| ATE 362 Building Structures II ² | 3 | ☒ | | Grade of C | | | | |
| Elective | 3 | | | | | | | |
| Elective | 1 | | | | | | | |
| TERM SEVEN: 89-107 CREDIT HOURS | | | 1 | | | | | |
| ADE 421 Architectural Studio III ¹ | 5 | | | Grade of C | Minimum 2.0 cumulative GPA in all attempts of critical courses. | | | |
| APH 421 First Concepts (HU/L) ¹ | 3 | | | Grade of C | Minimum 3.00 ASU cumulative GPA | | | |
| ATE 451 Building Systems I ¹ | 3 | | | Grade of C | | | | |
| Social/Behavioral Science (SB) | 3 | | | | | | | |
| Upper Division Elective | 3 | | | | | | | |
| TERM EIGHT: 108-120 CREDIT HOURS | | | | | | | | |
| ADE 422 Architectural Studio IV ² | 5 | | | Grade of C | Minimum 2.0 cumulative GPA in all attempts of critical courses. | | | |
| ATE 452 Building Systems II ² | 3 | | | Grade of C | of critical courses. • Minimum 3.00 ASU cumulative GPA | | | |
| Upper Division Elective | 3 | | | | | | | |
| Elective | 3 | | | | | | | |



Major Map: Architectural Studies – Bachelor of Science in Design (B.S.D.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (3.00 minimum required for major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|--|--------------------------------|--|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 & 102 OR ENG 107 & 108 or 105)

Additional Notes:

Most studio and some lecture courses are sequential, must be taken in, and may be offered only during the semester noted.

The Architecture program takes six years to complete – four years of undergraduate study leading to a Bachelor of Science in Design and two years graduate study leading to an accredited Master of Architecture, the professional degree.

MILESTONE: Architectural Studies - during semester 2, students will apply to pass a degree milestone requirement. This is an evaluation of general academic and specific performance. Students with the best scores as competitively ranked will continue to take courses leading to the Bachelor of Science in Design degree (BSD). Students that do not pass the degree milestone should see an academic advisor if they need assistance.

¹ Course offered only in the Fall Semester

² Course offered only in the Spring Semester

³ Suggested elective: GPH 111. Students considering both Architecture and Landscape Architecture, check BSLA requirements.

⁴ Transfer credits: evaluated by the college for applicability to this curriculum and must be equivalent in both content and level.

⁵ Portfolio review: required for transfer studio work. Submit portfolio to the Herberger Institute Office of Student Success, CDS 101



Major Map: Art (Art Education) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|--------------|------------------------------------|--|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | ASU 101 is for freshman ASU students only. |
| ASU 101: The ASU Experience Complete 2 courses from: | 3 | | | Grade of C | Not required for transfer students. |
| ART 111 Drawing I | | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ART 112 2-D Design | | | | | determines placement into first-year composition courses |
| ART 113 Color ART 115 3-D Design | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| Complete 1 course from: | 3 | | | Grade of C | placement in Mathematics course |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | First-year composition requirement must be |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | completed by end of term 3 MAT 142 (or higher) (MA) must be completed |
| ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or | | | | | by end of term 2 |
| ENG 107 and 108. English for Foreign Students of ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Minimum 3.0 cumulative GPA recommended |
| MAT 142 College Mathematics (MA): | 3 | | | | in ARA, ARE, ARS, ART courses • Minimum 2.7 cumulative GPA recommended |
| TERM TWO: 16-30 CREDIT HOURS | 3 | | | | William 2.7 cumulative of A recommended |
| Complete remaining 2 courses from: | 3 | | | Grade of C | First-year composition requirement must be |
| ART 111 Drawing I | | | | | completed by end of term 3 |
| ART 112 2-D Design | | | | | MAT 142 (or higher) (MA) must be completed |
| ART 113 Color ART 115 3-D Design | 3 | Ιп | | Grade of C | by end of term 2 • Minimum 3.0 cumulative GPA recommended |
| Complete 1 course from: | | | | Grade of C | in ARA, ARE, ARS, ART courses |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) | | _ | | | Minimum 2.7 cumulative GPA recommended |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or | | | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| ARE 250 Teaching Inquiry in Art | 3 | | | Grade of B- | First-Year Composition Completed |
| Complete 1 2D art course from: ART 201/202 Photography/Lab, | | | | | Minimum cumulative 3.0 GPA required in APA, ARE, ARS, ART courses |
| ART 204 Photography II, ART 211 Drawing II, ART 223 Painting I, ART 227 Watercolor I, or ART 253 Intro to Printmaking | 3 | | | Grade of C | Minimum 2.7 cumulative GPA required for |
| Upper division ARS course (non-western focus recommended) | 3 | | | Grade of C | portfolio review |
| Social and Behavioral Science (SB) and Global Awareness (G) | 3 | | | Grade of C | Minimum grade of B- or better in ARE 250 for portfolio review. |
| Social and Benaviolal Science (SB) and Global Awareness (G) | 3 | | | | ARS 101 and 102 must be completed by end |
| | | _ | | | of term 3. |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | Grade of C (B- for ITC | Minimum 3.0 cumulative GPA required in |
| ARE 440 Disciplines of Art Education | 3 | \boxtimes | | students) | ARA, ARE, ARS, ART courses |
| Complete 1 3D art course from: ART 231 Sculpture I, ART 261 | | | | | Minimum 2.7 cumulative GPA required for |
| Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood I, ART 276 Fibers I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | portfolio review • MILESTONE – Submit portfolio review by |
| Complete 1 additional 2D or 3D art course from: ART 201/202 | , | | | Grade of C | March 1 (see |
| Photography I/Lab, ART 204 Photography II, ART 211 Drawing II, | | | | | htpp://art.asu.edu/undergraduate/admission |
| ART 223 Painting I, ART 227 Watercolor I, ART 231 Sculpture I, | | | | | _ud.html) • MILESTONE – Completion of successful |
| ART 253 Intro to Printmaking, ART 261 Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood I, ART 276 Fibers I, or ART | | | | | art portfolio review. |
| 294 Special Topics: Intermedia | 3 | | | Grade of C | MILESTONE – Complete Art Education |
| Social and Behavioral Science (SB) & Cultural Diversity in the US (C) | 3 | | | | Proficiency Form with your advisor and have |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | your art education faculty mentor approve your proficiency coursework |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| ARE 370 Teaching Visual Culture | 3 | | | Grade of C | Art Proficiency courses: ARA, ARE, ARS and |
| ARE 494 Special Topics | 3 | | | Grade of C | ART prefix; cannot be ARA 311, ARS 100 or ARS 300 |
| Upper division ARS course (20th century focus) | 3 | | | Grade of C | Art History students generally take an upper division art history course with an HU |
| Art Education Proficiency course | 3 | | | Grade of C | designation to satisfy the upper division HU/SB requirement. If you have already done |
| Upper division Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB) OR Elective | | | | | so, you may take an elective instead of an |
| Social and Denaviolal Sciences (SD) OR Elective | 3 | \boxtimes | | | upper division HU/SB. |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| ARE 482 Art Education: Teaching Art Processes | 3 | \boxtimes | | Grade of C | Art Proficiency courses: ARE, ARS and ART |
| Art Education Proficiency course | 3 | | | Grade of C | prefix; cannot be ARA 311, ARS 100 or ARS 300 |
| Art Education Proficiency course | 3 | | | Grade of C | 300 |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Upper division elective | 3 | | | | |



Major Map: Art (Art Education) – Bachelor of Fine Arts (B.F.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
|--|------|-------------------|--------------------------|------------------------------|--|--|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| ART 486 Art Education: Strategies & Applications | 3 | \boxtimes | | Grade of C | Art Proficiency courses: APA, ARA, ARE, ARS | |
| Upper division Art Education Proficiency course | 3 | \boxtimes | | Grade of C | and ART prefix; cannot be ARA 311, ARS 100 or ARS 300 | |
| Upper division Art Education Proficiency course | 3 | \boxtimes | | Grade of C | 7110 300 | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | | |
| Elective | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| ARE 496 Methods and Assessment of Learning in Art | 3 | \boxtimes | | Grade of C | Art Proficiency courses: ARA, ARE, ARS and ARE, ARS and ARE, ARE, ARE, ARE, ARE, ARE, ARE, A | |
| Upper division Art Education Proficiency course | 3 | \boxtimes | | Grade of C | ART prefix; cannot be ARA 311, ARS 100 or A | |
| Upper division Art Education Proficiency course | 3 | \boxtimes | | Grade of C | | |
| Elective | 3 | Ιп | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|----------------------------------|-------------------------|----------------------------------|--|--|
| | | , | , | , | <u> </u> | , |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Art (Art History) – Bachelor of Arts (B.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | Competed Trans | | Completed General Education: |
|---|----------|-------------|--------------------|------------------------------|--|
| Course Subject and Title | l | Upper | ☐ MAPP ☐T Transfer | AG ATP None Minimum Grade if | □AGEC □IGETC/CSUGE □None |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-17 CREDIT HOURS | | | ı | 1 | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. Not required for transfer students. |
| #Complete 1 course from: ART 111 Drawing I, ART 112 2-D Design, ART 113 Color, ART 115 3-D Design, ART 201/202 Photography I/Lab, ART 274 Wood I, or ART 294 Special Topics) or 1 course with prefix of ARA (not ARA | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| 311), ARE or APH | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| Complete 1 course from: | | | | | placement in Mathematics course #6 hours of ART courses are recommended; |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of B- | ART 201 Photography I is recommended |
| ##Second Language | 4 | | | Grade of C | ## Second language requirement: cannot select |
| ENG 101 and 102: First-Year Composition or | <u>'</u> | | | Grade of C | from American Sign Language First-year composition requirement must be |
| ENG 107 and 108: English for Foreign Students or | | _ | | | completed by end of term 3 |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of B- | MAT 142 (or higher) (MA) must be completed |
| MAT 142 College Mathematics (MA): | 3 | Ιп | | | by end of term 2 Minimum 3.0 cumulative GPA required |
| TERM TWO: 18-32 CREDIT HOURS | J | | | | |
| # Complete 1 additional course from: | | | | | #6 hours of ART courses are recommended; |
| ART 111 Drawing I, ART 112 2-D Design, ART 113 Color, ART 115 | | | | | ART 201 Photography I is recommended |
| 3-D Design, ART 201/202 Photography I/Lab, ART 274 Wood I, or ART 294 Special Topics) or 1 course with prefix of ARA (not ARA | | | | | ## Second language requirement: cannot select from American Sign Language SAT or ACT |
| 311), ARE or APH | 3 | | | Grade of C | scores determine placement in first-year |
| Complete remaining course from: | | | | | composition course |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of B- | First-year composition requirement must be completed by end of term 3 |
| ## Second Language | 3 | | | Grade of C | MAT 142 (or higher) (MA) must be completed |
| ENG 101 and 102: First-Year Composition or | , | | | Grade or C | by end of term 2 |
| ENG 107 and 108: English for Foreign or | | _ | | | Minimum 3.0 cumulative GPA required MILESTONE—Submit Art History |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of B- | Declaration Form |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| TERM THREE: 33-48 CREDIT HOURS #Complete 1 additional course from: | | | ĺ | | #6 hours of ART courses are recommended; |
| ART 111 Drawing I, ART 112 2-D Design, ART 113 Color, ART 115 | | | | | ART 201 Photography I is recommended |
| 3-D Design, ART 201/202 Photography I/Lab, ART 274 Wood I, or | | | | | ## Second language requirement: cannot select |
| ART 294 Special Topics) or 1 course with prefix of ARA (not ARA 311), ARE or APH or other ART 200 level course if pre-requisites met | 3 | | | Grade of C | from American Sign Language • First-year composition requirement must be |
| ARS Non-Western Course | 3 | | | Grade of C | completed by end of term 3 |
| ##Second Language | 4 | | | Grade of C | 1 |
| Social and Behavioral Science (SB) AND Cultural Diversity in the US | 7 | | | Grade of C | |
| (C) | 3 | | | | |
| TO 10 11 1 10 10 | | _ | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FOUR: 49-62 CREDIT HOURS Upper division course with prefix of ARA (not ARA 311), ARE or | | | | | ## Second language requirement: cannot select |
| APH | 3 | \boxtimes | | Grade of C | from American Sign Language |
| Upper division ARS course (Ancient focus) | 3 | \boxtimes | | Grade of C | |
| ##Second Language | 4 | | | Grade of C | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM FIVE: 63-78 CREDIT HOURS | | | | | |
| Upper division ARS course (Medieval, focus) | 3 | ⊠ | | Grade of C | |
| Upper division ARS course (HU) (Renaissance/Baroque focus) | 3 | ⊠ | | Grade of C | |
| Social and Behavioral Science (SB) | 3 | | | | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | _ |
| Elective | 3 | | | | |
| TERM SIX: 79-93 CREDIT HOURS | | | | | |
| Upper division ARS course (Modern/Contemporary focus) | 3 | | | Grade of C | Art History students generally take an upper division art history course with an HU |
| ARS 480 Research Methods (L) | 3 | ⊠ | | Grade of C | designation to satisfy the upper division |
| Upper division Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB) OR Elective | 3 | \boxtimes | | | HU/SB requirement. If you have already done |
| Elective | 3 | | | | so, you may take an elective instead of an upper division HU/SB. |
| Upper division elective | 3 | | | | |



Major Map: Art (Art History) - Bachelor of Arts (B.A.)

| - , - | - | - (| · · J / | | | (|
|-----------|-----------|------------|----------------|---------|------------|----------|
| Herberger | Institute | for Design | and the Arts | Catalog | y Year: 20 | 010-2011 |

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 94-108 CREDIT HOURS | | | | | |
| Upper division ARS course | 3 | \boxtimes | | Grade of C | |
| ARS 498 Pro-Seminar | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | | | | |
| Upper division elective | 3 | | | | |
| Upper division elective | 3 | \boxtimes | | | |
| TERM EIGHT: 109-120 CREDIT HOURS | | | | | |
| Upper division ARS course | 3 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|----------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - 0 Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - 0 Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Art (Art Studies) – Bachelor of Arts (B.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|---------------|---------------------------------|--|
| Course Subject and Title | Hrs. | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | HIS. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. |
| Complete 2 courses from: | 2 |] | | Cools of C | Not required for transfer students. • An SAT, ACT, Accuplacer, or TOEFL score |
| ART 111 Drawing I ART 112 2-D Design | 3 | | | Grade of C | determines placement into first-year |
| ART 113 Color or ART 194 Intro to Digital Media | 2 | | | | composition courses ASU Math Placement Exam score determines |
| ART 115 3-D Design Complete 1 course from: | 3 | | | Grade of C | placement in Mathematics course |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) | | - | | | First-year composition requirement must be completed by end of term 3 |
| ARS 102 Art from Renaissance to Present (HU & H) ENG 101 and 102 First-Year Composition or | 3 | | | Grade of C | MAT 142 (or higher) (MA) must be completed |
| ENG 107 and 108 English for Foreign Students or | | _ | | | by end of term 2 Minimum 2.5 cumulative GPA recommended |
| ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | There is no portfolio review for this major |
| MAT 142 College Mathematics (MA): TERM TWO: 16-30 CREDIT HOURS | 3 | | | | |
| Complete 2additional courses from: | | | | | First-year composition requirement must be |
| ART 111 Drawing I | 3 | | | Grade of C | completed by end of term 3 |
| ART 112 2-D Design ART 113 Color or ART 194 Intro to Digital Media | | | | | MAT 142 (or higher) (MA) must be completed by end of term 2 |
| ART 115 3-D Design | 3 | | | Grade of C | Minimum 2.5 cumulative GPA recommended |
| Complete 1 course from: ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | |
| ENG 101 and 102 First-Year Composition or ENG 107 and 108 English for Foreign Students or | | | | | |
| ENG 107 and 108 English for Poteign Students of ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Choose 1 2D art course from: ART 201/202 Photography I/Lab, ART 204 Photography II, ART 211 Drawing II, ART 214 Life | | | | | First-year composition requirement must be completed by end of term 3 |
| Drawing I, ART 223 Painting I, ART 227 Watercolor I, or ART | | | | | Minimum 2.5 cumulative GPA required |
| 253 Intro to Printmaking | 3 | | | Grade of C | ARS 101 and 102 must be completed by end |
| Choose 1 3D art course from: ART 231 Sculpture I, ART 261 Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood | | | | | of term 3. |
| I, ART 276 Fibers I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | |
| Social and Behavioral Science (SB) AND Cultural Diversity in the US (C) OR Global Awareness (G) | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| | | | | | |
| N. 10 : 0 ('.' ('00) | |] | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS Choose 1 additional 2D art course from: ART 201/202 Photography | | | | | Minimum 2.5 cumulative GPA required |
| I/Lab, ART 204 Photography II, ART 211 Drawing II, ART 214 | | | | | MILESTONE – Meet with advisor during term |
| Life Drawing I, ART 223 Painting I, ART 227 Watercolor I, or ART 253 Intro to Printmaking | 3 | | | Grade of C | to develop performing arts and history of performance and related studies coursework |
| Choose 1 additional 3D art course from: ART 231 Sculpture I, ART | - | | | | plan. Obtain approval from faculty mentor in the |
| 261 Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood I, ART 276 Fibers I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | School of Art for the Art Studies electives, performing Arts and History of Performance and |
| Upper division ARS course | 3 | | | Grade of C | Related Studies requirements of the degree. |
| Social and Behavioral Science (SB) AND Cultural Diversity in the US | | | | - | |
| (C) OR Global Awareness (G) | 3 |] | | | |
| Natural Science Quantitative (SQ) or General (SG) TERM FIVE: 61-75 CREDIT HOURS | 4 | | | | |
| Art Studies course elective: choose from ARA (not ARA 311), ARE, | | | | | Related area elective – choose a course related |
| ARS (not ARS 100, 300) or ART prefix | 3 | | | Grade of C | to art outside of the Herberger Institute. May |
| Upper division ARS course | 3 | | | Grade of C | include African/African/American Studies, Anthropology, American Indian Studies, Design |
| Performing Arts elective (dance, music or theatre course) | 3 | | | Grade of C | Studies, Transborder Chicana/o & Latina/o |
| Upper division related elective Upper division Humanities, Fine Arts, and Design (HU) OR | 3 | | | | Studies, Humanities, Literature, History, Religious Studies, Women's Studies. Course |
| Social and Behavioral Sciences (SB) | | | | | selections must be approved by the School of |
| TODAY ON TO SO OD DOWN WONTER | 3 | \boxtimes | | | Art. |
| TERM SIX: 76-90 CREDIT HOURS Upper division Art Studies course elective: choose from ARA (not | | | | | |
| ARA 311), ARE, ARS (not ARS 300) or ART prefix | 3 | \boxtimes | | Grade of C | |
| Upper division Performing Arts elective (dance, music or theatre course) | 3 | \boxtimes | | Grade of C | |
| Upper division related elective | 3 | | | Grade of C | |
| Upper division elective | 3 | | | | |



Major Map: Art (Art Studies) - Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
|--|------|-------------------|--------------------------|------------------------------|--|--|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| Upper division Art Studies course elective: choose from ARA (not ARA 311), ARE, ARS (not ARS 100 or 300) or ART prefix | 3 | | | Grade of C | Related area elective – choose a course related to art outside of the Herberger Institute. May include | |
| Upper division Performing Arts elective (dance, music or theatre course) | 3 | | | Grade of C | African/African/American Studies, Anthropology, American Indian Studies, Design Studies, | |
| Upper division related elective | 3 | \boxtimes | | | Transborder Chicana/o & Latina/o Studies, Humanities, Literature, History, Religious Studies, | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | Women's Studies Course selections must be | |
| Elective | 3 | | | | approved by the School of Art. | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| Upper division Art Studies course elective: choose from ARA (not ARA 311), ARE, ARS (not ARS 100 or 300) or ART prefix | 3 | | | Grade of C | Related area elective – choose a course related to art outside of the Herberger Institute. May include | |
| Upper division Performing Arts elective (dance, music or theatre course) | 3 | | | Grade of C | African/African/American Studies, Anthropology, American Indian Studies, Design Studies, Transborder Chicana/o & Latina/o Studies, | |
| Upper division elective | 3 | \boxtimes | | | | |
| Elective | 3 | | | | Humanities, Literature, History, Religious Studies,, Women's Studies, Course selections must be | |
| Elective | 3 | | | | approved by the School of Art. | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|-------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Art (Ceramics) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | □ MAPP □ | rathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|--------------|-------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-16 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. |
| Complete 2 courses from (ART 112 and 115 recommended): | 1 | | | | Not required for transfer students. |
| ART 111 Drawing I | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ART 112 2D Design ART 113 Color | | | | | composition courses |
| ART 115 Color ART 115 3D Design | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| Complete 1 course from: | | | | | placement in Mathematics course First-year composition requirement must be |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | completed by end of term 3 |
| ENG 101 and 102 First-Year Composition or | | | | Grade of C | MAT 142 (or higher) (MA) must be completed |
| ENG 107 and 108 English for Foreign Students or | | | | | by end of term 2 Minimum 3.0 cumulative GPA recommended in |
| ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | ARA, ARE, ARS, ART courses |
| MAT 142: College Mathematics (MA) | 3 | | | | Minimum 2.7 cumulative GPA recommended |
| TERM TWO: 17-31 CREDIT HOURS | 2 | 1 | | | • First |
| Complete 2 courses course from (recommend completing ART 261 in term 2): | 3 | | | | First-year composition requirement must be completed by end of term 3 |
| ART 111 Drawing I | | | | | MAT 142 (or higher) (MA) must be completed |
| ART 112 2D Design | | | | | by end of term 2 |
| ART 113 Color ART 115 3D Design | | | | | Minimum 3.0 cumulative GPA recommended in ARA, ARE, ARS, ART courses |
| ART 261 Ceramic Survey | 3 | | | Grade of C | Minimum 2.7 cumulative GPA recommended |
| Complete 1 course from: | | | | | |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | |
| ENG 101 and 102 First-Year Composition or | | | | | |
| ENG 107 and 108 English for Foreign Students or | 2 | | | 0 1 60 | |
| ENG 105 Advanced First-Year Composition Computer/Statistics/Quantitative applications (CS) | 3 | | | Grade of C | - |
| TERM THREE: 32-47 CREDIT HOURS | 3 | | | | |
| Complete 1 course from (ART 261 if not already completed): | | | | | First-year composition requirement must be |
| ART 111 Drawing I | | | | | completed by end of term 3 |
| ART 112 2D Design ART 113 Color | | | | | ARS 101 and ARS 102 must be completed by end of term 3. |
| ART 115 Color ART 115 3D Design | | | | | Minimum 3.0 cumulative GPA required in |
| ART 261 Ceramic Survey | 3 | | | Grade of C | ARA, ARE, ARS, ART courses |
| Choose 1 2D or 3D art course from: ART 201/202 Photography | | | | | Minimum 2.7 cumulative GPA required for portfolio review |
| I/Lab, ART 204 Photography II, ART 211 Drawing II, ART 214 Life Drawing I, ART 223 Painting I, ART 227 Watercolor I, ART | | | | | ART 261 must be completed by end of term 3. |
| 231 Sculpture I, ART 253 Intro to Printmaking, ART 272 | | | | | . , |
| Metalworking I: Intro, ART 274 Wood I, ART 276 Fibers I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | |
| Social and Behavioral Science (SB) & Global Awareness (G) | 3 | | | Grade of C | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Eleracy and Critical inquiry (E) | | | | | |
| Natural Science - Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 48-63 CREDIT HOURS | | | | | |
| Complete 1 2D art course from: ART 201/202 Photography I/Lab, | | | | | Minimum 3.0 cumulative GPA required in |
| ART 204 Photography II, ART 211 Drawing II, ART 214 Life | | | | | ARA, ARE, ARS, ART courses Minimum 2.7 cumulative GPA required for |
| Drawing I, ART 223 Painting I, ART 227 Watercolor I, ART 253 Intro to Printmaking | 3 | | | Grade of C | portfolio review |
| There to Frinchianning | | | | Grade of C | MILESTONE – Submit portfolio review by March 1 (see |
| Complete 1 3D art course from: ART 231 Sculpture I, ART 272 | | | | | htpp://art.asu.edu/undergraduate/admission u |
| Metalworking I: Intro, ART 274 Wood I, ART 276 Fibers I, or | _ | _ | | G 1 6G | d.html) |
| ART 294 Special Topics: Intermedia | 3 | | | Grade of C | MILESTONE – Completion of successful art portfolio review |
| | | | | | MILESTONE – Meet with a Herberger Institute |
| Upper division ARS course (non-western focus) | 3 | \boxtimes | | Grade of C | academic advisor or faculty member in Ceramics |
| | | | | | once portfolio results are received • Students must complete 6 hours of upper division |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | ARS coursework (not from ARS 300); Must |
| | 3 | | | | include 1 non-western course and 1 20 th century |
| Elective | 3 | | | | course. |
| TERM FIVE: 64-78 CREDIT HOURS | 2 | M | | Grada of C | Art elective course cannot be ARA 311, ARS 100 |
| ART 360 Ceramic Throwing | 3 | | | Grade of C | or ARS 300 |
| ART 364 Ceramic Handbuilding I | 3 | ⊠ ⊠ | | Grade of C | Students must complete 6 hours of upper division ABS accompany of the management of the property of t |
| Upper division ARS course (20 th Century focus) Art elective course: choose from courses with ARA, ARE, ARS or | 3 | | | Grade of C | ARS coursework (not from ARS 300); Must include 1 non-western course and 1 20 th century |
| ART prefix | 2 | | | Grade of C | course. |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |

Major Map: Art (Ceramics) – Bachelor of Fine Arts (B.F.A.)

| , | | |
|-------------------------|---------------------|-------------------------|
| Herberger Institute for | Design and the Arts | Catalog Year: 2010-2011 |

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
|---|------|-------------------|--------------------------|------------------------------|--|--|
| TERM SIX: 79-93 CREDIT HOURS | | | | | | |
| ART 460 Ceramic Clay | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or | |
| ART 466 Special Problems in Ceramics | 3 | \boxtimes | | Grade of C | ARS 300 | |
| Ceramics Art elective-Choose one from: ART 365 Ceramic Handbuilding II, ART 460 Ceramic Clay, ART 463 Ceramic Glaze, ART 466 Special Problems in Ceramics, or ART 494 | 3 | | | Grade of C | | |
| Upper division Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB) OR if completed, take Elective | 3 | | | | | |
| Art Elective | 3 | | | | | |
| TERM SEVEN: 94-108 CREDIT HOURS | | | | | | |
| Ceramics Art elective-Choose additional course from: ART 365 Ceramic Handbuilding II, ART 460 Ceramic Clay, ART 463 Ceramic Glaze, ART 466 Special Problems in Ceramics, or ART 494 | 3 | | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or ARS 300 | |
| Ceramics Art elective-Choose additional course from: ART 365 Ceramic Handbuilding II, ART 460 Ceramic Clay, ART 463 Ceramic Glaze, ART 466 Special Problems in Ceramics, or ART 494 | 3 | | | Grade of C | | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | | |
| Art Elective | 3 | | | | | |
| TERM EIGHT: 109-120 CREDIT HOURS | | | | | | |
| ART 494 Special Topics: Senior Exhibition | 1 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 | |
| Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | or ARS 300 | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | 1 | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | | |
| Elective | 2 | | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs | Cumulative GPA | Major GPA (2.0 | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College |
|-------------------|--------------|----------------|----------------|------------------|------------------------------|---------------------|
| | (minimum 45) | (2.00 minimum) | minimum) | (minimum 30) | Recognition (minimum 56) | Hrs. (maximum 64) |
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Art (Drawing) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG ATP None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|--------------------------|---------------------------------|---|
| Course Subject and Title | 11 | Upper | Transfer Course/Grade | Minimum Grade if Required | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirements Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. |
| Complete 2 courses from (recommend completing ART 111 and 112 | | | | | Not required for transfer students. |
| in term 1): | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ART 111 Drawing I, ART 112 2D Design | | | | | composition courses |
| ART 113 Color | | | | | ASU Math Placement Exam score determines |
| ART 115 3D Design | 3 | | | Grade of C | placement in Mathematics course First-year composition requirement must be |
| Complete 1 course from: ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | completed by end of term 3 |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | MAT 142 (or higher) (MA) must be completed |
| ENG 101 and 102 First-Year Composition or | | | | | by end of term 2 • Minimum 3.0 cumulative GPA recommended in |
| ENG 107 and 108 English for Foreign Students or ENG 105 Advanced First-Year Composition | 3 | _ | | Grade of C | ARA, ARE, ARS, ART courses |
| | 3 | | | Grade of C | Minimum 2.7 cumulative GPA recommended |
| MAT 142 College Mathematics (MA): TERM TWO: 16-30 CREDIT HOURS | 3 | | | | |
| Complete 2 additional courses from (recommend completing ART | 3 | | | | First-year composition requirement must be |
| 211 or 214 in term 2): | | | | | completed by end of term 3 |
| ART 111 Drawing I | | | | | MAT 142 (or higher) (MA) must be completed |
| ART 112 2D Design ART 113 Color | | | | | by end of term 2 Minimum 3.0 cumulative GPA recommended in |
| ART 115 3D Design | | | | | ARA, ARE, ARS, ART courses |
| ART 211 Drawing II | _ | | | | Minimum 2.7 cumulative GPA recommended |
| ART 214 Life Drawing II | 3 | | | Grade of C | Complete ART 211 and ART 214 by end of semester 3 |
| Complete 1 course from: ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | Schiester 3 |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | |
| ENG 101 and 102 First-Year Composition or | | | | | |
| ENG 107 and 108 English for Foreign Students or ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | Grade of C | † |
| TERM THREE: 31-45 CREDIT HOURS | 3 | | | | |
| Complete 2 additional courses from (ART 211 or 214 completed by | 3 | | | | First-year composition requirement must be |
| end of term 3): | | | | | completed by end of term 3 |
| ART 111 Drawing I | | | | | ARS 101 and ARS 102 must be completed by |
| ART 112 2D Design ART 113 Color | | | | | end of term 3. |
| ART 115 3D Design | | | | | Minimum 3.0 cumulative GPA required in ARA, ARE, ARS, ART courses |
| ART 211 Drawing II | | | | | Minimum 2.7 cumulative GPA required for |
| ART 214 Life Drawing II | 3 | | | Grade of C | portfolio review) |
| Social and Behavioral Science (SB) & Global Awareness (G) | 3 | | | | Complete ART 211 and ART 214 by end of semester 3 |
| Literacy and Critical Inquiry (L) | 3 | | | | Semester 5 |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | ı | 1 | |
| Complete 1 3D art course from: ART 231 Sculpture I, ART 261 Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood | | | | | Minimum 3.0 cumulative GPA required in ADA ADE ADS ADT courses: |
| I, ART 276 Fibers I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | ARA, ARE, ARS, ART courses; • Minimum 2.7 cumulative GPA required for |
| Complete 1 additional 3D or a 2D art course from: ART 201/202 | | | | | portfolio review |
| Photography I/Lab, ART 204 Photography II, ART 211 Drawing | | | | | MILESTONE – Submit portfolio review by |
| II, ART 214 Life Drawing I, ART 223 Painting I, ART 227 Watercolor I, ART 231 Sculpture I, ART 253 Intro to Printmaking | | | | | March 1 (see http://art.asu.edu/undergraduate/admission |
| ART 261 Ceramic Survey, ART 272 Metalworking I: Intro, ART | | | | | ud.html) |
| 274 Wood I, ART 276 Fibers I, or ART 294 Special Topics: | | _ | | | MILESTONE - Completion of successful art |
| Intermedia | 3 | | | Grade of C | • MILESTONE – Meet with a Herberger College |
| Upper division ARS course (Non-western focus) | 3 | \boxtimes | | Grade of C | advisor or faculty member in Drawing once |
| | | _ | | | portfolio results are received |
| Social and Behavioral Science (SB) & Cultural Diversity in the US (C) | 3 | | | | Students must complete 9 hours of ARS ARS 100 ar 200 Must |
| | | | | | coursework (not from ARS 100 or 300), Must include 6 hours upper division, 1 non-western |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | course, and 1 20 th century course. |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| ART 311 Drawing III | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS |
| ART 314 Life Drawing II | 3 | \boxtimes | | Grade of C | 100 or ARS 300 • Students must complete 9 hours of ARS |
| Upper division ARS course (20 th Century focus) | 3 | \boxtimes | | Grade of C | coursework (not from ARS 100 or 300), Must |
| Upper division art elective course: choose from courses with ARA, | _ | | | | include 6 hours upper division, 1 non-western |
| ARE, ARS or ART prefix Upper division Humanities, Fine Arts, and Design (HU) OR | 3 | | | Grade of C | course, and 1 20 th century course. |
| Upper division Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB) or if completed take Elective | 3 | M | | | |



Major Map: Art (Drawing) - Bachelor of Fine Arts (B.F.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirements Notes |
|---|------|-------------------|--------------------------|------------------------------|--|
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| ART 411 Advanced Drawing | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or |
| ART 414 Life Drawing III | 3 | \boxtimes | | Grade of C | ARS 300 • Students must complete 9 hours of ARS coursework |
| Upper division ARS course (20th Century focus or ARS elective) | 3 | \boxtimes | | Grade of C | (not from ARS 100 or 300), Must include 6 hours |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | upper division, 1 non-western course, and 1 20 th century course. |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS Drawing Art elective-Choose 1 from: ART 411 Advanced Drawing, ART 414 Life Drawing III, ART 494 Special Topics or ART 499 Individualized Study | 3 | | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or ARS 300 |
| Drawing Art elective-Choose 1 from: ART 411 Advanced Drawing, ART 414 Life Drawing III, ART 494 Special Topics: Drawing or ART 499 Individualized Study: Drawing | 3 | | | Grade of C | |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ART 494 Special Topics: Senior Exhibition | 1 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 |
| Drawing Art elective-Choose 1 from: ART 411 Advanced Drawing, ART 414 Life Drawing III, ART 494 Special Topics: Drawing or ART 499 Individualized Study: Drawing | 3 | | | Grade of C | or ARS 300 |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 2 | | | Grade of C | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|----------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Art (Fibers) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------------|--------------------------|---------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-16 CREDIT HOURS | | | | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. Not as a size of freshman ASU students only. |
| Complete 2 courses from (recommend completing ART 112 and 115 in term 1): | | | | | Not required for transfer students. An SAT, ACT, Accuplacer, or TOEFL score |
| ART 111 Drawing I | 3 | | | Grade of C | determines placement into first-year |
| ART 112 2D Design | | _ | | | composition courses ASU Math Placement Exam score determines |
| ART 113 Color ART 115 3D Design | 3 | | | Grada of C | placement in Mathematics course |
| Complete 1 course from: | 3 | | | Grade of C | First-year composition requirement must be |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | completed by end of term 3 |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | MAT 142 (or higher) (MA) must be completed by end of term 2 |
| ENG 101 or 102: First-Year Composition and ENG 107 or 108: English for Foreign Students or | | | | | Minimum 3.0 cumulative GPA recommended |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | in ARA, ARE, ARS, ART courses |
| MAT 142: College Mathematics (MA) | 3 | | | | Minimum 2.7 cumulative GPA recommended |
| TERM TWO: 17-31 CREDIT HOURS | | | | | |
| Complete 2 courses from (recommend completing ART 276 in term | | | | | First-year composition requirement must be |
| 2): ART 111 Drawing I | 3 | | | | completed by end of term 3 MAT 142 (or higher) (MA) must be completed |
| ART 112 2D Design | | | | | by end of term 2 |
| ART 113 Color | | | | | Minimum 3.0 cumulative GPA recommended |
| ART 115 3D Design ART 276 Fibers I | 3 | | | Grade of C | in ARA, ARE, ARS, ART courses • Minimum 2.7 cumulative GPA recommended |
| Complete 1 course from: | | | | Grade of C | ivillimani 2.7 camalative GFF recommended |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | |
| ARS 102 Art from Renaissance to Present (HU & H) ENG 101 or 102 First-Year Composition and | 3 | | | Grade of C | |
| ENG 107 or 108 English for Foreign Students or | | | | | |
| ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| TERM THREE: 32-47 CREDIT HOURS | | | 1 | 1 | |
| Complete remaining course (ART 276 if not already completed): | | | | | First-year composition requirement must be completed by end of term 3 |
| ART 111 Drawing I | | | | | Minimum 3.0 cumulative GPA required in |
| ART 112 2D Design ART 113 Color | | | | | ARA, ARE, ARS, ART courses |
| ART 115 3D Design | | | | | Minimum 2.7 cumulative GPA required for portfolio review |
| ART 276 Fibers I | 3 | | | Grade of C | ARS 101 and 102 must be completed by end |
| Complete 1 2D art course or 3D art course from: ART 201/202 Photography I/Lab, ART 204 Photography II, ART 211 Drawing | | | | | of term 3. |
| II, ART 214 Life Drawing I, ART 223 Painting I, ART 227 | | | | | ART 276 must be completed by end of term 3. |
| Watercolor I, ART 231 Sculpture I, ART 253 Intro to Printmaking | | | | | |
| ART 261 Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | |
| Social and Behavioral Science (SB) & Global Awareness (G) | 3 | | | Grade of C | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 48-63 CREDIT HOURS | · | | | | |
| Complete 1 2D art course from: ART 201/202 Photography I/Lab, | | | | | Minimum 3.0 cumulative GPA required in |
| ART 204 Photography II, ART 211 Drawing II, ART 214 Life | | | | | ARA, ARE, ARS, ART courses |
| Drawing I, ART 223 Painting I, ART 227 Watercolor I, ART 253 | | _ | | | Minimum 2.7 cumulative GPA required for portfolio review MILESTONE – Submit |
| Intro to Printmaking | 3 | | | Grade of C | portfolio review by March 1 (see |
| Complete 1 3D art course from: ART 231 Sculpture I, ART 261 | | | | | http://art.asu.edu/undergraduate/admission |
| Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood | _ | | | | _ud.html) • MILESTONE – Completion of successful |
| I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | art portfolio review |
| | | | | | MILESTONE – Meet with a Herberger |
| Upper division ARS course (non-western focus) | 3 | ⊠ | | Grade of C | Institute academic advisor or faculty member in Fibers once portfolio results are received |
| | | | | | Students must complete 6 hours of upper |
| Social & Behavioral Science (SB) & Cultural Awareness in the US (C) | 3 | | | | division ARS coursework (not from ARS 300); |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | Must include 1 non-western course and 1 20 th century course. |
| TERM FIVE: 64-78 CREDIT HOURS | | | | | |
| ART 376 Woven Structures I | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS |
| ART 377 Surface Design | 3 | ⊠ | | Grade of C | 100 or ARS 300 |
| Upper division ARS course (20 th Century focus) | 3 | ⊠ | | Grade of C | Students must complete 6 hours of upper division ARS coursework (not from ARS 300); |
| Art elective course: choose from courses with ARA, ARE, ARS or | | | | | Must include 1 non-western course and 1 20th |
| ART prefix Upper division Literacy and Critical Inquiry (L) | 3 | | | Grade of C | century course. |
| opper arrision enteracy and Chilear Inquiry (L) | 3 | M | i | Ì | Í. |



| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
|---|-------|-------------------|--------------------------|------------------------------|--|--|
| TERM SIX: 79-93 CREDIT HOURS | 1113. | Division | Course/Grade | required | Additional Critical Recurrence Process | |
| ART 476 Woven Structures II | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 c | |
| ART 477 Printed Textiles | 3 | \boxtimes | | Grade of C | ARS 300 | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | | |
| Upper division Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB) OR if completed, take Elective | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM SEVEN: 94-107 CREDIT HOURS Fibers elective-Choose additional course from: ART 476 Woven Structures II, ART 477 Printed Textiles, ART 478 Advanced Surface Design, ART 479 3D Fibers, ART 494 Special Topics: Fibers, or ART 499 Individualized Study | 3 | | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or ARS 300 | |
| Structures II, ART 477 Printed Textiles, ART 478 Advanced Surface Design, ART 479 3D Fibers, ART 494 Special Topics: Fibers, or ART 499 Individualized Study | 3 | | | Grade of C | | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 2 | | | Grade of C | | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | | |
| Elective | 3 | | | | | |
| TERM EIGHT: 108-120 CREDIT HOURS | | | | | | |
| ART 494 Special Topics: Senior Exhibition | 1 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 | |
| Fibers elective-Choose additional course from: ART 476 Woven Structures II, ART 477 Printed Textiles, ART 478 Advanced Surface Design, ART 479 3D Fibers, ART 494 Special Topics: Fibers, or ART 499 Individualized Study | 3 | \boxtimes | | Grade of C | or ARS 300 | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | | |
| Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | | |
| Elective | 3 | | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs | Cumulative GPA | Major GPA (2.0 | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College |
|-------------------|--------------|----------------|----------------|------------------|------------------------------|---------------------|
| | (minimum 45) | (2.00 minimum) | minimum) | (minimum 30) | Recognition (minimum 56) | Hrs. (maximum 64) |
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
 - General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Art (Intermedia) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|----------|--------------|---------------------------|---|
| Course Subject and Title | 11 | Upper | Transfer | Minimum Grade if Required | |
| (courses in bold/shading are critical) TERM ONE: 0-16 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| ASU 101 The ASU Experience | 1 | П | | | ASU 101 is for freshman ASU students only. |
| Complete 2 courses from (recommend completing ART 194 and 111 | | | | | Not required for transfer students. |
| or 112 in term 1): | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ART 111 Drawing I ART 112 2D Design | 3 | | | Grade of C | composition courses |
| ART 112 2D Design | | | | | ASU Math Placement Exam score determines |
| ART 194 Intro to Digital Media | 3 | | | Grade of C | placement in Mathematics course First-year composition requirement must be |
| Complete Icourse from: ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | completed by end of term 3 |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | MAT 142 (or higher) (MA) must be completed |
| ENG 101 and 102 First-Year Composition or | | | | | by end of term 2 Minimum 3.0 cumulative GPA recommended |
| ENG 107 and 108 English for Foreign Students or ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | in ARA, ARE, ARS, ART courses |
| MAT 142 College Mathematics (MA) | 3 | | | Grade of C | Minimum 2.7 cumulative GPA recommended |
| TERM TWO: 17-31 CREDIT HOURS | 3 | | | | |
| Complete 2 courses from: | | | | | First-year composition requirement must be |
| ART 111 Drawing I | | | | | completed by end of term 3 |
| ART 112 2D Design | | | | | MAT 142 (or higher) (MA) must be completed have and a few years? |
| ART 115 3D Design ART 194 Intro to Digital Media | | | | | by end of term 2 ART 194 must be completed by end of term 2 |
| ART 294 Special Topics: Intermedia (if ART 194 already | | _ | | | Minimum 3.0 cumulative GPA recommended |
| completed) | 3 | | | Grade of C | in ARA, ARE, ARS, ART courses • Minimum 2.7 cumulative GPA recommended |
| Complete Icourse from: ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | Willimum 2.7 cumulative GPA recommended |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | |
| ENG 101 and 102 First-Year Composition or | | | | | |
| ENG 107 and 108 English for Foreign Students or ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | Grade of C | |
| TERM THREE: 32-47 CREDIT HOURS | , | | | | |
| Complete ART 294 or one of the following if not completed: | | | | | First-year composition requirement must be |
| ART 111 Drawing I | | | | | completed by end of term 3 |
| ART 112 2D Design ART 115 3D Design | 3 | Ιп | | Grade of C | ART 294 must be completed by end of term |
| Choose 1 2D or 3D art course from: ART 201/202 Photography | | | | | Minimum 3.0 cumulative GPA required in |
| I/Lab, ART 204 Photography II, ART 211 Drawing II, ART 214 | | | | | ARA, ARE, ARS, ART courses; |
| Life Drawing I, , ART 231 Sculpture I, ART 261 Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood I, or ART 276 | | | | | Minimum 2.7 cumulative GPA required for portfolio |
| Fibers I | 3 | | | Grade of C | ARS 101 and 102 must be completed by end |
| Social and Behavioral Science (SB) & Cultural Awareness in the US | 2 | | | | • ART 294 must be completed by end of term 3 |
| (C) | 3 | | | | ART 294 must be completed by the of term 5 |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 48-63 CREDIT HOURS | | | | | Minimum 3.0 cumulative GPA required in |
| Choose 1 2D art course from: ART 201/202 Photography I/Lab, | | | | | ARA, ARE, ARS, ART courses; |
| ART 204 Photography II, ART 211 Drawing II, ART 214 Life | | _ | | | Minimum 2.7 cumulative GPA required for |
| Drawing I | 3 | Ш | | Grade of C | portfolio MILESTONE – Submit portfolio review by |
| Choose 1 3D art course from: ART 231 Sculpture I, ART 261 | | | | | March 1 (see |
| Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood | | | | | http://art.asu.edu/undergraduate/admission |
| I, or ART 276 Fibers I | 3 | | | Grade of C | _ud.html) • MILESTONE – Completion of successful |
| | | | | | art portfolio review |
| ADC (C) | _ | | | 0 1 60 | MILESTONE – Meet with a Herberger Legisland of Automorphisms of School of Automorphisms of Automorphisms of School of Automorphisms of Automorphisms of School of Automorphisms of Automorph |
| ARS course (non-western focus) | 3 | | | Grade of C | Institute academic advisor or School of Art faculty member in Intermedia once your |
| | | | | | portfolio review results are received |
| Social and Behavioral Science (SB) & Global Awareness (G) | 1 . | | I . | i e | Students must complete 0 hours of APS |
| | 3 | | | | Students must complete 9 hours of ARS coursework (not from ARS 100 or 300); Must |
| | 3 | | | | coursework (not from ARS 100 or 300); Must include 6 hours upper division, 1 non-western |



Major Map: Art (Intermedia) – Bachelor of Fine Arts (B.F.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|-------|-------------------|--------------------------|------------------------------|--|
| TERM FIVE: 64-78 CREDIT HOURS | 1115. | DIVISION | Course, Grade | required | Additional Children requirement 110005 |
| Intermedia Art elective – choose 1 from: ART 345 Visualization & | | | | | ART 346 recommended for 3D Animation & |
| Prototyping 1, ART 346 3D Computer Imagining & Animation, ART | | | | | Imaging students |
| 348 Animation Motion Studies, ART 449 Computer Animation & | | | | | ARS course not from ARS 300 |
| Video, ART 450 Computer Animation & Audio, ART 470 Computer | | | | | Art Elective course cannot be from ARA 311, AR |
| Animation Portfolio, ART 494 Special Topics: Intermedia, or ART 499 | _ | | | 0 1 60 | 100 or 300 |
| Individualized Study | 3 | | | Grade of C | Students must complete 9 hours of ARS coursework (not from ARS 100 or 300), Must |
| ART 443 Intermedia Performance | 3 | | | Grade of C | include 6 hours upper division, 1 non-western |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | \boxtimes | | Grade of C | course and 1 20 th century course. |
| Upper division ARS course (20 th Century focus) | 3 | \boxtimes | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | 7 |
| TERM SIX: 79-94 CREDIT HOURS | | | | <u>'</u> | |
| ART 440 New Media Concepts and ART 441 Video Art | 3/1 | \boxtimes | | Grade of C | Art Elective course cannot be from ARA 311, ARS |
| Upper division Intermedia core course | 3 | \boxtimes | | Grade of C | 100 or 300 |
| Upper division art elective course: choose from courses with ARA, | | | | | 7 |
| ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Upper division Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB) OR if completed, take Elective | 3 | | | | |
| Elective | 3 | | | | - |
| TERM SEVEN: 95-107 CREDIT HOURS | 3 | | | | |
| Intermedia Art elective – choose 1 from: ART 345 Visualization & | | | | | Art Elective course cannot be from ARA 311, AR |
| Prototyping 1, ART 346 3D Computer Imagining & Animation, ART | | | | | 100 or 300 |
| 348 Animation Motion Studies, ART 449 Computer Animation & | | | | | Students must complete 9 hours of ARS |
| Video, ART 450 Computer Animation & Audio, ART 470 Computer | | | | | coursework (not from ARS 100 or 300); Must |
| Animation Portfolio, ART 494 Special Topics: Intermedia, or ART 499 | | | | | include 6 hours upper division; 1 non-western |
| Individualized Study | 3 | | | Grade of C | course and 1 20 th century course. |
| Upper division ARS course | 3 | | | Grade of C | |
| Intermedia Art elective - choose 1 from: ART 345 Visualization & | | | | | |
| Prototyping 1, ART 346 3D Computer Imagining & Animation, ART | | | | | |
| 348 Animation Motion Studies, ART 449 Computer Animation & Video, ART 450 Computer Animation & Audio, ART 470 Computer | | | | | |
| Animation Portfolio, ART 494 Special Topics: Intermedia, or ART 499 | | | | | |
| Individualized Study | 3 | | | Grade of C | |
| Art elective course: choose from courses with ARA, ARE, ARS or | | | | | 7 |
| ART prefix | 3 | | | Grade of C | |
| Elective | 1 | | | | |
| TERM EIGHT: 108-120 CREDIT HOURS | | | | | |
| ART 494 Special Topics: Senior Exhibition | 1 | \boxtimes | | Grade of C | Art Elective course cannot be from ARA 311, AR |
| Intermedia Art elective - choose 1 from: ART 345 Visualization & | | | | | 100 or 300 |
| Prototyping 1, ART 346 3D Computer Imagining & Animation, ART | | | | | |
| 348 Animation Motion Studies, ART 449 Computer Animation & | | | | | |
| Video, ART 450 Computer Animation & Audio, ART 470 Computer Animation Portfolio, ART 494 Special Topics: Intermedia, or ART 499 | | | | | |
| Individualized Study | 3 | \boxtimes | | Grade of C | |
| Intermedia Art elective – choose 1 from: ART 345 Visualization & | | | | 5.440 01 0 | ╡ |
| Prototyping 1, ART 346 3D Computer Imagining & Animation, ART | | | | | |
| 348 Animation Motion Studies, ART 449 Computer Animation & | | | | | |
| Video, ART 450 Computer Animation & Audio, ART 470 Computer | | | | | |
| Animation Portfolio, ART 494 Special Topics: Intermedia, or ART 499 | | l _ | | | |
| Individualized Study | 3 | ⊠ | | Grade of C | _ |
| Upper Division Elective | 3 | | | | _ |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|----------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

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

- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Art (Metals) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | Competed Tran | | Completed General Education: |
|---|------|----------|---------------|----------------------------------|---|
| Course Subject and Title | | Upper | Transfer | ΓAG □ATP □None Minimum Grade if | □AGEC □IGETC/CSUGE □None |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-16 CREDIT HOURS | 1 | | | | ASU 101 is for freshman ASU students only. |
| ASU 101 The ASU Experience Complete 2 courses from (ART 112 and 115 recommended): | 1 | | | | Not required for transfer students. |
| ART 111 Drawing I | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ART 112 2D Design ART 113 Color | | | | | composition courses |
| ART 115 3D Design | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| Complete 1 course from: | | | | | placement in Mathematics course First-year composition requirement must be |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | completed by end of term 3 |
| ENG 101 and 102: First-Year Composition or | | | | | MAT 142 (or higher) (MA) must be completed by end of term 2 |
| ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Minimum 3.0 cumulative GPA recommended in |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | ARA, ARE, ARS, ART courses; • Minimum 2.7 cumulative GPA recommended |
| TERM TWO: 17-32 CREDIT HOURS | 3 | | | | William 2.7 Cumulative Of A recommended |
| Complete 2 courses from (ART 272 recommended): | 3 | | | | First-year composition requirement must be |
| ART 111: Drawing I | | | | | completed by end of term 3 |
| ART 112: 2D Design ART 113: Color | | | | | MAT 142 (or higher) (MA) must be completed by end of term 2 |
| ART 115: 3D Design | | _ | | | Minimum 3.0 cumulative GPA recommended in |
| ART 272: Metalworking I: Intro Complete 1 course from: | 3 | | | Grade of C | ARA, ARE, ARS, ART courses; • Minimum 2.7 cumulative GPA recommended |
| ARS 101: Art Prehistory Through Middle Ages (HU & H) | | | | | |
| ARS 102: Art from Renaissance to Present (HU & H) ENG 101 and 102: First-Year Composition or | 3 | | | Grade of C | |
| ENG 107 and 108: English for Foreign Students or | | | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM THREE: 33-48 CREDIT HOURS | | | I | | Pint |
| Complete 2 courses from (ART 272 recommended): ART 111: Drawing I | | | | | First-year composition requirement must be completed by end of term 3 |
| ART 112: 2D Design | | | | | Minimum 3.0 cumulative GPA required in |
| ART 113: Color ART 115: 3D Design | | | | | ARA, ARE, ARS, ART courses • Minimum 2.7 cumulative GPA required for |
| ART 272: Metalworking I: Intro | 3 | | | Grade of C | portfolio review |
| Complete 1 2D course or 3D art course from: ART 201/202 | | | | | ARS 101 and 102 must be completed by end of term 3. |
| Photography I/Lab, ART 204 Photography II, ART 211 Drawing II, ART 214 Life Drawing I, ART 223 Painting I, ART 227 | | | | | • ART 272 must be completed by end of term 3. |
| Watercolor I, ART 231 Sculpture I, ART 253 Intro to Printmaking | | | | | |
| ART 261 Ceramic Survey, ART 274 Wood I, ART 276 Fibers I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | |
| | | | | | |
| Social and Behavioral Science (SB) & Global Awareness (G) | 3 | | | | |
| | | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM FOUR: 49-63 CREDIT HOURS | | | | | |
| For students who passed the portfolio review-complete 1 course from: ART 372 Metalworking II or ART 373 Metalworking III | | | | | Minimum 3.0 cumulative GPA required in |
| (department approval required prior to enrollment) or Complete 1 | | | | | ARA, ARE, ARS, ART courses • Minimum 2.7 cumulative GPA required for |
| 3D art course from: ART 231 Sculpture I, ART 261 Ceramic | | | | | portfolio review |
| Survey, ART 274 Wood I, ART 276 Fibers I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | MILESTONE – Submit portfolio review by March 1 (see |
| Complete 1 2D art course from: ART 201/202 Photography I/Lab, | | | | | http://art.asu.edu/undergraduate/admission_ |
| ART 204 Photography II, ART 211 Drawing II, ART 214 Life Drawing I, ART 223 Painting I, ART 227 Watercolor I, or ART | | | | | ud.html MILESTONE – Completion of successful art |
| 253 Intro to Printmaking | 3 | | | Grade of C | portfolio review |
| Unner division ADS source | , | | | Grada of C | MILESTONE – Meet with a Herberger Institute academic advisor or faculty member in Fibers |
| Upper-division ARS course . Social and Behavioral Science (SB) & Cultural Awareness in the US | 3 | | | Grade of C | once portfolio results are received |
| (C) | 3 | | | | _ |
| Computer/Statistics/Quantitative applications (CS) | 2 | | i | i | į l |



Major Map: Art (Metals) - Bachelor of Fine Arts (B.F.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM FIVE: 64-78 CREDIT HOURS | nis. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| Choose 1 course from: ART 372 Metalworking II or ART 373 | | | | | Art elective course cannot be ARA 311, ARS 100 |
| Metalworking III | 3 | | | Grade of C | or ARS 300 |
| Complete 1 3D art course from: ART 231 Sculpture I, ART 261 | | | | | Students must complete 6 hours of upper division |
| Ceramic Survey, ART 274 Wood I, ART 276 Fibers I, or ART 294 | | | | | ARS coursework (not from ARS 300), Must include 1 non-western course and 1 20 th century |
| Special Topics: Intermedia Or art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Crada of C | course. |
| Upper division ARS course (20 th Century focus) | 3 | | | Grade of C | Course. |
| Art elective course: choose from courses with ARA, ARE, ARS or | - 3 | | | Grade of C | - |
| ART prefix | 2 | | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | | 7 |
| TERM SIX: 79-93 CREDIT HOURS | J | | | | |
| ART 373 Metalworking III or ART 472 Metalworking IV or ART 473 | | | | | Art elective course cannot be ARA 311, ARS 100 |
| Metalworking: Special Problems | 3 | \boxtimes | | Grade of C | or ARS 300 |
| Metals elective – choose 1 from: ART 472 Metalworking IV, ART 473 | | | | | |
| Metalworking: Special Problems, ART 494 Special Topics: Metals or | _ | | | 0 1 60 | |
| ART 499 Individualized Study Upper division Art elective course: choose from courses with ARA, | 3 | | | Grade of C | - |
| ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Upper division Humanities, Fine Arts, and Design (HU) OR | | | | | 7 |
| Social and Behavioral Sciences (SB) OR if completed, take Elective | 3 | \boxtimes | | | _ |
| Elective | 3 | | | | |
| TERM SEVEN: 94-108 CREDIT HOURS | | | | | |
| ART 472 Metalworking IV or ART 473 Metalworking: Special | | | | | Art elective course cannot be ARA 311, ARS 100 |
| Problems | 3 | | | Grade of C | or ARS 300 • Students must complete 6 hours of upper division |
| Metals elective – choose 1 from: ART 472 Metalworking IV, ART 473 Metalworking: Special Problems, ART 494 Special Topics: Metals or | | | | | ARS coursework (not from ARS 300), Must |
| ART 499 Individualized Study | 3 | \boxtimes | | Grade of C | include 1 non-western course and 1 20 th century |
| Upper division ARS course (non-western focus) | 3 | | | Grade of C | course. |
| Upper division art elective course: choose from courses with ARA, | | | | Grade or C | ╡ |
| ARE, ARS or ART prefix | 3 | \boxtimes | | Grade of C | |
| Art elective course: choose from courses with ARA, ARE, ARS or | | | | | |
| ART prefix or (if completed) ,Elective | 3 | | | | |
| TERM EIGHT: 109-120 CREDIT HOURS | | | | <u> </u> | |
| ART 494 Special Topics: Senior Exhibition | 1 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or ARS 300 |
| Metals elective – choose 1 from: ART 472 Metalworking IV, ART 473 | | | | | or ARS 300 |
| Metalworking: Special Problems, ART 494 Special Topics: Metals or ART 499 Individualized Study | 3 | | | Grade of C | |
| AKT 455 individualized Study | 3 | | | Grade of C | - |
| ART 473 Metalworking: Special Problems or (if completed) elective | 3 | | | Grade of C | |
| Upper division art elective course: choose from courses with ARA, | - 3 | | | Grade of C | - |
| ARE, ARS or ART prefix | | | | | |
| • | | | | | |
| | | | | | |
| | 3 | \boxtimes | | Grade of C | |
| Upper division art elective course: choose from courses with ARA, | , | | | Grade of C | ┥ |
| ARE, ARS or ART prefix | 2 | | | Grade of C | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|----------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Art (Museum Studies) – Bachelor of Arts (B.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | | nsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|--------------------------|-----------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-17 CREDIT HOURS | IIIS. | Division | Course/Grade | Minimum Grade ii Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. |
| Complete 1 course from: | | | | | Not required for transfer students. • An SAT, ACT, Accuplacer, or TOEFL score |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of B- | determines placement into first-year |
| , | | | | | composition courses ASU Math Placement Exam score determines |
| ##Second Language ENG 101 and 102: First-Year Composition or | 4 | Ш | | Grade of C | placement in Mathematics course |
| ENG 107 and 108: English for Foreign Students or | | _ | | | ## Second language requirement: cannot select |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of B- | from American Sign Language First-year composition requirement must be |
| MAT 142 College Mathematics (MA) | 3 | | | | completed by end of term 3 |
| | | | | | MAT 142 (or higher) (MA) must be completed by end of term 2 |
| Social and Behavioral Sciences (SB) | 3 | | | | Minimum 3.0 cumulative GPA required |
| TERM TWO: 18-32 CREDIT HOURS | | | | | |
| Complete remaining course from: ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | ## Second language requirement: cannot select from American Sign Language |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of B- | First-year composition requirement must be |
| ## Second Language | 3 | | | Grade of C | completed by end of term 3 • MAT 142 (or higher) (MA) must be completed |
| ENG 101 and 102: First-Year Composition or | | | | | MAT 142 (or higher) (MA) must be completed by end of term 2 |
| ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | | Grade of B- | Complete 30 hours |
| Social and Behavioral Sciences (SB) & Cultural Diversity in the US (C) | 3 | | | | Minimum 3.0 cumulative GPA required MILESTONE—Submit Museum Studies |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | Declaration Submit Museum Studies |
| TERM THREE: 33-45 CREDIT HOURS | | | | | |
| Complete 1 course from: ARS 201 Art of Asia (HU, H & G) | | | | | ## Second language requirement: cannot select from American Sign Language |
| ARS 201 Art of Africa, Oceania and the Americas (HU, H & G) | 3 | | | Grade of C | from American Sign Language |
| ##Second Language | 4 | | | Grade of C | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FOUR: 46-59 CREDIT HOURS | | | | | |
| Complete 1 additional course from: ARS 201 Art of Asia (HU, H & G) | | | | | ## Second language requirement: cannot select from American Sign Language |
| ARS 201 Art of Asia (110, 11 & G) ARS 202 Art of Africa, Oceania & the Americas (HU, H & G) OR | | | | | Holli American Sign Language |
| Complete 1 upper division ARS course (Ancient, Medieval, | | | | | |
| Renaissance/Baroque, or Modern/Contemporary focus) | 3 | | | Grade of C | |
| ##Second Language Upper division Humanities, Fine Arts, and Design (HU) OR | 4 | | | Grade of C | |
| Social and Behavioral Sciences (SB) – recommend upper division art | | | | | |
| history to satisfy this requirement with Ancient, Medieval, Renaissance/Baroque, Modern/Contemporary focus | 3 | | | | |
| Natural Science-Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM FIVE: 60-74 CREDIT HOURS | · | | | | |
| Complete 1 upper division ARS course (Ancient, Medieval, | | | | | |
| Renaissance/Baroque, or Modern/Contemporary focus) OR | | | | | |
| Complete 1 additional course from: ARS 201 Art of Asia (HU, H & G) | | | | | |
| o ARS 202 Art of Africa, Oceania & the Americas (HU, H & G) | 3 | ⊠ | | Grade of C | |
| Upper division ASB or ARS course (AST 471 Intro to Museums recommended) | 3 | \boxtimes | | Grade of C | |
| Related subject course | 3 | | | Grade of C | |
| Upper division elective | 3 | ⊠ | | | |
| Elective | 3 | | | | |
| TERM SIX: 75-89 CREDIT HOURS | | | | | |
| Upper division ARS course (Ancient, Medieval, Renaissance/Baroque or Modern/Contemporary focus) | 3 | \boxtimes | | Grade of C | |
| ARS 480 Research Methods (L) | 3 | | | Grade of C | |
| Related subject course | 3 | | | Grade of C | |
| Upper division elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 90-104 CREDIT HOURS | | | | | |
| ARS 484 Internship | 3 | \boxtimes | | Grade of C | |
| ARS 498 Pro-Seminar | 3 | \boxtimes | | Grade of C | |
| Choose 1 from: ARS 460 Gallery Exhibitions or ART 409 Photographic | , | K71 | | Crade of C | |
| Exhibition Upper division elective | 3 | | | Grade of C | |
| Elective | 3 | | | | |



| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|------|-------------|--------------|------------------|---------------------------------------|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 105-120 CREDIT HOURS | | | | | |
| ARS 484 Internship | 3 | \boxtimes | | Grade of C | |
| Upper division ARS course (Ancient, Medieval, Renaissance/Baroque or Modern/Contemporary focus) | 3 | \boxtimes | | Grade of C | |
| Related subject course | 3 | | | | |
| Upper division elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total | al Hours (120) | Total UD Hrs | Cumulative GPA | Major GPA (2.0 | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College |
|-------|----------------|--------------|----------------|----------------|------------------|------------------------------|---------------------|
| | | (minimum 45) | (2.00 minimum) | minimum) | (minimum 30) | Recognition (minimum 56) | Hrs. (maximum 64) |
| | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Art (Painting) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|--|-------------|--------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Heo | Upper | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade ii Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. |
| Complete 2 courses from (recommend completing ART 111 and 113 | | | | | Not required for transfer students. • An SAT, ACT, Accuplacer, or TOEFL score |
| term 1): ART 111 Drawing I, | 3 | | | Grade of C | determines placement into first-year |
| ART 112 2D Design | | | | | composition courses ASU Math Placement Exam score determines |
| ART 113 Color ART 115 3D Design | 3 | | | Grade of C | placement in Mathematics course |
| Complete 1 course from: | | | | | First-year composition requirement must be completed by end of term 3 |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | MAT 142 (or higher) (MA) must be completed |
| ENG 101 and 102: First-Year Composition or | | | | | by end of term 2 Minimum 3.0 cumulative GPA recommended |
| ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | in ARA, ARE, ARS, ART courses |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | Minimum 2.7 cumulative GPA recommended |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete 2 additional courses from (recommend completing ART | 3 | | | | First-year composition requirement must be |
| 223 or 227 term 2): ART 111 Drawing I, | | | | | completed by end of term 3 MAT 142 (or higher) (MA) must be completed |
| ART 112 2D Design | | | | | by end of term 2 |
| ART 113 Color ART 115 3D Design | | | | | Minimum 3.0 cumulative GPA recommended in ARA, ARE, ARS, ART courses |
| ART 123 Painting I | | | | | Minimum 2.7 cumulative GPA recommended |
| ART 227 Watercolor I | 3 | | | Grade of C | Complete ART 223 and ART 227 by end of |
| Complete remaining course from: ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | term 3 |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or | | | | | |
| ENG 107 and 106. English for Foreign Students of ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete 2 additional courses from (ART 223 and 227 completed by end of term 3): | 3 | | | | First-year composition requirement must be completed by end of term 3 |
| ART 111 Drawing I, | | | | | ARS 101 and ARS 102 must be completed |
| ART 112 2D Design | | | | | by end of term 3 |
| ART 113 Color ART 115 3D Design | | | | | Minimum 3.0 cumulative GPA required in ARA, ARE, ARS, ART courses |
| ART 223 Painting I | | _ | | | Minimum 2.7 cumulative GPA required |
| ART 227 Watercolor I | 3 | | | Grade of C | Complete ART 223 and ART 227 by end of term 3 |
| Social and Behavioral Science (SB) & Global Awareness (G) | 3 | | | | term 5 |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Choose 1 3D art course from: ART 231 Sculpture I, ART 261 | | | | | Minimum 3.0 cumulative GPA required in |
| Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood I, ART 276 Fibers I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | ARA, ARE, ARS, ART courses • Minimum 2.7 cumulative GPA required for |
| Choose 1 additional 3D or a 2D art course from: ART 201/202 | | | | | portfolio review |
| Photography I/Lab, ART 204 Photography II, ART 211 Drawing II, ART 214 Life Drawing I, ART 231 Sculpture I, ART 253 Intro | | | | | MILESTONE – Submit portfolio review by March 1 see |
| to Printmaking ART 261 Ceramic Survey, ART 272 Metalworking | | | | | http://art.asu.edu/undergraduate/admission |
| I: Intro, ART 274 Wood I, ART 276 Fibers I, or ART 294 Special | 2 | _ | | 0 1 60 | _ud.html |
| Topics: Intermedia | 3 | | | Grade of C | MILESTONE – Completion of successful art portfolio review |
| Upper division ARS course (20 th Century focus) or ARS course (non-western focus) | 3 | | | Grade of C | MILESTONE – Meet with a Herberger |
| This course (non-western rocus) | | | | Grade of C | College advisor or faculty member in Painting once portfolio results are received |
| Social and Behavioral Science (SB) & Cultural Diversity in the US (C) | 3 | | | | Students must complete 9 hours of ARS |
| 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - | | | | | coursework (not from ARS 100 or 300), Must include 6 hours upper division, 1 non-western |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | course, and 1 20 th century course. |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| ART 323 Painting II | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS |
| ART 327 Watercolor II | 3 | ⊠ | | Grade of C | 100 or ARS 300 • Students must complete 9 hours of ARS |
| Upper division ARS course (20 th Century focus) or ARS course (non-western focus) | 3 | | | Grade of C | coursework (not from ARS 100 or 300), Must |
| Upper division art elective course: choose from courses with ARA, | 3 | | | Grade of C | include 6 hours upper division, 1 non-western course, and 1 20 th century course. |
| ARE, ARS or ART prefix | 3 | ⊠ | | Grade of C | course, and i 20 century course. |
| Upper division Humanities, Fine Arts, and Design (HU) OR | 3 | | | | |



| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|-------|-------------------|--------------------------|------------------------------|---|
| TERM SIX: 76-90 CREDIT HOURS | 1115. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ART 423 Painting III | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 |
| Painting Art elective-choose 1 from: ART 325 Figure Painting, ART 423 Painting III, ART 425 Advanced Figure Painting, ART 427 Advanced Water Media, ART 494 Special Topics: Painting, or ART 499 Individualized Study: Painting | 3 | | | Grade of C | or ARS 300 • Students must complete 9 hours of ARS coursework (not from ARS 100 or 300), Must include 6 hours upper division, 1 non-western |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | course, and 1 20 th century course. |
| Upper Division ARS course (20th Century focus or ARS elective) | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Painting Art elective-choose 1 from: ART 325 Figure Painting, ART 423 Painting III, ART 425 Advanced Figure Painting, ART 427 Advanced Water Media, ART 494 Special Topics: Painting, or ART 499 Individualized Study: Painting | 3 | | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or ARS 300 |
| Painting Art elective-choose 1 from: ART 325 Figure Painting, ART 423 Painting III, ART 425 Advanced Figure Painting, ART 427 Advanced Water Media, ART 494 Special Topics: Painting, or ART 499 Individualized Study: Painting | 3 | | | Grade of C | |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ART 494 Special Topics: Senior Exhibition Painting Art elective-choose 1 from: ART 423 Painting III, ART 425 Advanced Figure Painting, ART 427 Advanced Water Media, ART | 1 | | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or ARS 300 |
| 494 Special Topics: Painting, or ART 499 Individualized Study: Painting | 3 | | | Grade of C | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | \boxtimes | | Grade of C | |
| Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 2 | | | Grade of C | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs | Cumulative GPA | Major GPA (2.0 | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College |
|-------------------|--------------|----------------|----------------|------------------|------------------------------|---------------------|
| | (minimum 45) | (2.00 minimum) | minimum) | (minimum 30) | Recognition (minimum 56) | Hrs. (maximum 64) |
| | | | | | | |
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Art (Photography) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|-------|-------------------|--------------------------|----------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-16 CREDIT HOURS | 1115. | Bivision | Course, Grade | Minimum Grade II recalled | raditional Citient Requirement Protes | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. | |
| Complete 2 courses from: ART 11:1 Drawing I ART 112: 2D Design ART 113: Color or ART 194 Intro to Digital Media ART 115: 3D Design | 6 | | | Grade of C | Not required for transfer students. An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. ASU Math Placement Exam score | |
| Complete 1 course from: ARS 101: Art Prehistory Through Middle Ages ARS 102: Art from Renaissance to Present (HU & H) ENG 101 or 102: First-Year Composition or | 3 | | | Grade of C | determines placement in Mathematics course First-year composition requirement must be completed by end of term 3 MAT 142 (or higher) (MA) must be | |
| ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | completed by end of term 2 • Minimum 3.0 cumulative GPA required in ARA, ARE, ARS, ART courses; Minimum | |
| MAT 142: College Mathematics (MA): | 3 | | | | 2.7 cumulative GPA required for portfolio review | |
| TERM TWO: 17-31 CREDIT HOURS | | | | | | |
| Complete 2 additional courses from (recommend completing ART 201/202 in term 2): ART 111: Drawing I ART 112: 2D Design ART 113: Color/ART 194 Intro to Digital Media ART 201: Photography and ART 202 Photography I Lab ART 115: 3D Design | 6 | | | Grade of C | First-year composition requirement must be completed by end of term 3 MAT 142 (or higher) (MA) must be completed by end of term 2 Minimum 3.0 cumulative GPA required in ARA, ARE, ARS, ART courses; Minimum 2.7 cumulative GPA required for portfolio | |
| Complete remaining course from: ARS 101: Art Prehistory Through Middle Ages ARS 102: Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | review | |
| ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | | |
| Social & Behavioral Sciences (SB) & Cultural Diversity in the US (C) | 3 | | | | | |
| TERM THREE: 32-47 CREDIT HOURS | | | | 1 | | |
| Complete 1 course from: ART 204: Photography II: Black and White Photography ART 205: Photography II: Color Photography Complete 1 additional course from: | 3 | | | Grade of C | First-year composition requirement must be completed by end of term 3 Minimum 3.0 cumulative GPA required in ARA, ARE, ARS, ART courses; Minimum | |
| ART 111: Drawing I ART 112: 2D Design ART 113: Color/ART 194 Intro to Digital Media ART 115: 3D Design | 3 | | | Grade of C | 2.7 cumulative GPA required for portfolio review ARS 101 and ARS 102 must be completed by end of term 3. | |
| ARA 202: Understanding Photographs | 3 | | | Grade of C | ART 201 and 202 must be completed by end of term 3 | |
| Natural Science Quantitative (SQ) | 4 | | | | or term 3 | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | | |
| TERM FOUR: 48-62 CREDIT HOURS | | | | | | |
| Complete 1 3D art course from: ART 231: Sculpture I, ART 261: Ceramic Survey ART 272: Metalworking I: Intro ART 274: Wood I ART 276: Fibers I ART 294: Special Topics: Intermedia | 3 | | | Grade of C | Minimum 3.0 cumulative GPA required in ARE, ARS, ART courses; Minimum 2.7 cumulative GPA required for portfolio review IF ART 204 or ART 205 completed in term 3: | |
| Complete remaining course from: ART 204:Photography II: Black and White Photography ART 205: Photography II: Color Photography | 3 | | | Grade of C | by March 1 (see http://art.asu.edu/undergraduate/admissi on_ud.html) | |
| Social and Behavioral Science (SB) & Global Awareness (G) | 3 | | | | MILESTONE – Completion of successful art portfolio review | |
| Literacy and Critical Inquiry (L) or ARS 250: History of Photography (HU) | 3 | | | | MILESTONE – Meet with a Herberger Institute academic advisor or faculty | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | member in Photography once portfolio results are received | |
| TERM FIVE: 63-77 CREDIT HOURS | | | | | | |
| ART 304:Junior Projects | 3 | | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or ARS 300 | |
| ARS 250: History of Photography or Literacy and Critical Inquiry (L) | 3 | | | Grade of C | Students must complete 12 hours of ARS | |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | ⊠ | | Grade of C | coursework (not from ARS 100 or 300), Must include ARS 250, 9 hours upper division and 1 non-western course. | |
| Upper division Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB) or if completed, take Elective | 3 | | | | division and 1 non-western course. | |
| Elective | 3 | \boxtimes | | | | |



Major Map: Art (Photography) – Bachelor of Fine Arts (B.F.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|------|-------------|--------------|------------------|---|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM SIX: 78-92 CREDIT HOURS | | | | | |
| Complete two Photography art electives : | | | | | Art elective course cannot be ARA 311, ARS |
| ART 394 (Photo) | | | | | 100 or ARS 300 |
| ART 403: Senior Photo Projects | | | | | Students must complete 12 hours of ARS |
| ART 404: Portraiture Photography | 6 | | | Grade of C | coursework (not from ARS 100 or 300), Must |
| ART 409: Photographic Exhibition ART 410: Landscape Photography | | | | | include ARS 250, 9 hours upper division and 1 |
| ART 494 (Photo) | | | | | non-western course. |
| ARA 494 or 498 (Photo) | | | | | |
| Upper division art elective course: choose from courses with ARA, ARE, | | | | | = |
| ARS or ART prefix | 3 | \boxtimes | | Grade of C | |
| Upper division ARS course (non-Western) | 3 | \boxtimes | | Grade of C | |
| TERM SEVEN: 93-107 CREDIT HOURS | | | | | |
| Complete one Photography art elective: | | | | | Art elective course cannot be ARA 311, ARS |
| ART 394 (Photo) | | | | | 100 or ARS 300 |
| ART 403: Senior Photo Projects | | | | | Students must complete 12 hours of ARS |
| ART 404: Portraiture Photography | 3 | | | Grade of C | coursework (not from ARS 100 or 300), Must |
| ART 409: Photographic Exhibition | , | | | Grade of C | include ARS 250, 9 hours upper division and 1 |
| ART 410: Landscape Photography | | | | | non-western course. |
| ART 494 (Photo) | | | | | |
| ARA 494 or 498 (Photo) | | | | | _ |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Upper division ARS course | 3 | \boxtimes | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | | 7 |
| Upper Division Elective | 3 | \boxtimes | | | |
| TERM EIGHT: 108-120 CREDIT HOURS | | | | | |
| ART 494 Special Topic: Senior Exhibition | 1 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS |
| Complete two Photography art electives: | | | | | 100 or ARS 300 |
| ART 394 (Photo) | | | | | Students must complete 12 hours of ARS coursework (not from ARS 100 or 300), Must |
| ART 403: Senior Photo Projects | | | | | include ARS 250, 9 hours upper division and 1 |
| ART 404: Portraiture Photography | 6 | | | Grade of C | non-western course. |
| ART 409: Photographic Exhibition | | - | | | non western course. |
| ART 410: Landscape Photography ART 494 (Photo) | | | | | |
| ARA 494 (Photo) ARA 494 or 498 (Photo) | | | | | |
| Art elective course: choose from courses with ARA, ARE, ARS or ART | + | | 1 | | - |
| prefix | 2 | | | Grade of C | |
| Upper division ARS course | 3 | | | Grade of C | - |
| Opper division AKS course | 3 | | | Grade of C | |

Graduation Requirements Summary:

| Total Hours (120 | Total Hrs at ASU (30 | Hrs Resident Credit for Academic | Major GPA (2.000 | Total UD Hrs (45 | Total Comm. College |
|------------------|----------------------|----------------------------------|------------------|------------------|---------------------|
| minimum) | minimum) | Recognition | Min.) | minimum) | Hrs. (64 maximum) |
| | | (56 minimum) | | · | |
| | | | | | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - O Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First Year Composition



Major Map: Art (Printmaking) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|---------------|---------------------------------|--|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | ASU 101 is for freshman ASU students only. |
| ASU 101: The ASU Experience Complete 2 courses from (ART 113 recommended): | 1 | | | | Not required for transfer students. |
| ART 111 Drawing I ART 112 D Design | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ART 113 Color | 2 | | | 0 1 60 | composition courses ASU Math Placement Exam score determines |
| ART 115 3D Design Complete 1 course from: | 3 | | | Grade of C | placement in Mathematics course |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | First-year composition requirement must be completed by end of term 3 MAT 142 (or higher) (MA) must be completed |
| ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | by end of term 2 • Minimum 3.0 cumulative GPA recommended |
| MAT 142: College Mathematics (MA) | 3 | | | | in ARA, ARE, ARS, ART courses • Minimum 2.7 cumulative GPA recommended |
| TERM TWO: 16-30 CREDIT HOURS | , | | | | William 2.7 cumulative GFA recommended |
| Complete 1 additional course from (ART 113 required if not | | | | | First-year composition requirement must be |
| already completed): | | | | | completed by end of term 3 |
| ART 111 Drawing I | | | | | MAT 142 (or higher) (MA) must be completed |
| ART 112 2D Design ART 113 Color | | | | | by end of term 2 Minimum 3.0 cumulative GPA recommended |
| ART 115 3D Design | 3 | | | Grade of C | in ARA, ARE, ARS, ART courses |
| ART 253: Intro to Printmaking or | | _ | | | Minimum 2.7 cumulative GPA recommended |
| Complete 1 additional course from ART 111, 112, 113 or 115 | 3 | | | Grade of C | ART 113 must be completed by end of term 2. |
| Complete 1 course from: ARS 101 Art Prehistory Through Middle Ages (HU & H) | | | | | |
| ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition or | | | | | |
| ENG 107 and 108: English for Foreign Students or | 2 | | | C1FC | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS ART 253 Intro to Printmaking (if not completed in term 2) or | | 1 | | | First-year composition requirement must be |
| Complete 1 additional course from: ART 111, 112, 113, or 115 | 3 | | | Grade of C | completed by end of term 3. |
| Complete 1 2D art course from: ART 201/202 Photography I/Lab, | | | | | ARS 101 and ARS 102 must be completed |
| ART 204 Photography II, ART 211 Drawing II, ART 214 Life | 2 | | | 0 1 60 | by end of term 3. |
| Drawing I, ART 223 Painting I, or ART 227 Watercolor I | 3 | | | Grade of C | Minimum 3.0 cumulative GPA required in ARA, ARE, ARS, ART courses |
| Social and Behavioral Science (SB) & Global Awareness (G) | 3 | | | | Minimum 2.7 cumulative GPA required |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Complete 1 3D art course from: ART 231 Sculpture I, ART 261 Ceramic Survey, ART 272 Metalworking I: Intro, ART 274 Wood I, ART 276 Fibers I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | Minimum 3.0 cumulative GPA required in ARA, ARE, ARS, ART courses Minimum 2.7 cumulative GPA required for |
| Complete 1 additional 2D or 3D art course from: ART 201/202 | | | | | portfolio review |
| Photography I/Lab, ART 204 Photography II, ART 211 Drawing II, ART 214 Life Drawing I, ART 223 Painting I, ART 227 | | | | | MILESTONE – Submit portfolio review by March 1 (see |
| Watercolor I, ART 231 Sculpture I, ART 261 Ceramic Survey, | | | | | http://art.asu.edu/undergraduate/admission |
| ART 272 Metalworking I: Intro, ART 274 Wood I, ART 276 Fibers | | _ | | | _ud.html) |
| I, or ART 294 Special Topics: Intermedia | 3 | | | Grade of C | MILESTONE – Completion of successful |
| ARS course | 3 | | | Grade of C | art portfolio review MILESTONE – Meet with a Herberger |
| Social and Behavioral Science (SB) & Cultural Diversity in the US (C) | 3 | | | | College advisor or faculty member in |
| | | | | | Printmaking once portfolio results are received |
| | | | | | Students must complete 9 hours of ARS coursework (not from ARS 100 or 300), Must |
| | | | | | include 6 hours upper division and 1 non- |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | western course. |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| ART 351 Intaglio I | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS |
| ART 352 Lithography I | 3 | \boxtimes | | Grade of C | 100 or ARS 300 Students must complete 9 hours of ARS |
| Upper division ARS course (non-western focus recommended) | 3 | ⊠ | | Grade of C | coursework (not from ARS 100 or 300), Must |
| Upper division art elective course: choose from courses with ARA, | - | | | G 1 60 | include 6 hours upper division and 1 non- |
| ARE, ARS or ART prefix Upper division Humanities, Fine Arts, and Design (HU) OR | 3 | | | Grade of C | western course. |
| Social and Behavioral Sciences (SB) OR if completed, take | | | | | |
| Elective | 3 | \boxtimes | | | |
| | | | | | |



Major Map: Art (Printmaking) – Bachelor of Fine Arts (B.F.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title | 1 | Upper | Transfer | Minimum Grade if | 1 |
|---|------|-------------|--------------|------------------|--|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| ART 354 Screen Printing I | 3 | | | Grade of C | Art elective course cannot be ARA 311, ARS 100 |
| Printmaking elective-choose 1 from: ART 355 Photo Process for Printmaking I, ART 451 Advanced Intaglio, ART 452 Advanced Lithography, ART 454 Advanced Screen Printing, ART 455 Advanced Photo Process for Printmaking, ART 456 Fine Printing & Bookmaking I, ART 457 Fine Printing & Bookmaking II, ART 458 Papermaking, ART 459 Monoprinting, ART 494 Special Topics, or ART 499 | | | | | or ARS 300 • Students must complete 9 hours of ARS coursework (not from ARS 100 or 300), Must include 6 hours upper division and 1 non-western course. |
| Individualized Study | 3 | | | Grade of C | |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Upper division ARS course (non-western focus or ARS elective) | 3 | × | | Grade of C | |
| Elective | 3 | | | | |
| Printmaking elective-choose 1 from: ART 355 Photo Process for Printmaking I, ART 451 Advanced Intaglio, ART 452 Advanced Lithography, ART 454 Advanced Screen Printing, ART 455 Advanced Photo Process for Printmaking, ART 456 Fine Printing & Bookmaking I, ART 457 Fine Printing & Bookmaking II, ART 458 Papermaking, ART 459 Monoprinting, ART 494 Special Topics, or ART 499 Individualized Study | 3 | | | Grade of C | Art elective course cannot be ARA 311, ARS 100 or ARS 300 |
| Printmaking elective-choose 1 from: ART 355 Photo Process for Printmaking I, ART 451 Advanced Intaglio, ART 452 Advanced Lithography, ART 454 Advanced Screen Printing, ART 455 Advanced Photo Process for Printmaking, ART 456 Fine Printing & Bookmaking I, ART 457 Fine Printing & Bookmaking II, ART 458 Papermaking, ART 459 Monoprinting, ART 494 Special Topics, or ART 499 Individualized Study | 3 | | | Grade of C | |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Upper division Literacy & Critical Inquiry (L) | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ART 494 Special Topics: Senior Exhibition | 1 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 |
| Printmaking elective-choose I from: ART 355 Photo Process for Printmaking I, ART 451 Advanced Intaglio, ART 452 Advanced Lithography, ART 454 Advanced Screen Printing, ART 455 Advanced Photo Process for Printmaking, ART 456 Fine Printing & Bookmaking II, ART 457 Fine Printing & Bookmaking II, ART 459 Monoprinting, ART 494 Special Topics, or ART 499 | | | | | or ARS 300 |
| Individualized Study | 3 | \boxtimes | | Grade of C | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 2 | | | Grade of C | |
| Elective | 3 | | | | 1 |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|----------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
 - General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

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Major Map: Art (Sculpture) – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | | ansfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|--------------------------|------------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-16 CREDIT HOURS | 1110. | Biviolon | Course, Grade | William Grade ii reedaned | Traditional Cition Regulation 1 (oteo |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. |
| Complete 2 courses from (ART 111 and 115 recommended): ART 111 Drawing I ART 112 2D Design | 3 | | | Grade of C | Not required for transfer students. An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ART 113 Color/ART 194 Intro to Digital Media ART 115 3D Design | 3 | | | Grade of C | composition courses ASU Math Placement Exam score determines |
| Complete 1 course from: | | | | Grade of C | placement in Mathematics course |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | First-year composition requirement must be completed by end of term 3 |
| ENG 101 and 102 First-Year Composition or ENG 107 and 108 English for Foreign Students or | - | 1 | | | MAT 142 (or higher) (MA) must be completed by end of term 2 |
| ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | Minimum 3.0 cumulative GPA recommended in ARA, ARE, ARS, ART courses |
| MAT 142 College Mathematics (MA) | 3 | | | | Minimum 2.7 cumulative GPA recommended |
| TERM TWO: 17-31 CREDIT HOURS Complete 2 additional courses from (ART 231 and ARA 110 or ART | 3/4 | | ı | | First-year composition requirement must be |
| 274 recommended): | 3/4 | | | | completed by end of term 3 |
| ART 111 Drawing I, ART 112 2D Design | | | | | MAT 142 (or higher) (MA) must be completed by end of term 2 |
| ART 112 2D Design ART 113 Color | | | | | Minimum 3.0 cumulative GPA recommended in |
| ART 115 3D Design | | | | | ARA, ARE, ARS, ART courses |
| ART 231 Sculpture I & ARA 110 Sculpture Safety) ART 274 Wood I | 3 | | | Grade of C | Minimum 2.7 cumulative GPA recommended ARA 110 Sculpture Safety is a pre- or co- |
| Complete 1 course from: | | | | | requisite for your first sculpture class (in most |
| ARS 101 Art Prehistory Through Middle Ages (HU & H) ARS 102 Art from Renaissance to Present (HU & H) | 3 | | | Grade of C | cases ART 231). |
| ENG 101 and 102 First-Year Composition or ENG 107 and 108 English for Foreign Students or | | | | | |
| ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| TERM THREE: 32-47 CREDIT HOURS | | | | | |
| Complete 2 additional courses from (ART 231 and ARA 110 or ART 274 recommended): ART 111 Drawing I ART 112 2D Design ART 113 Color ART 115 3D Design | 3/4 | | | | First-year composition requirement must be completed by end of term 3 Minimum 3.0 cumulative GPA required in ARA, ARE, ARS, ART courses; Minimum 2.7 cumulative GPA required ARS 101 and 102 must be completed by end |
| ART 231 Sculpture I & ARA 110 Sculpture Safety) | , | | | C1fC | of term 3. |
| ART 274 Wood I Social and Behavioral Science (SB) & Cultural Diversity in the US (C) | 3 | | | Grade of C | ART 231/ARA 110 and ART 274 must be completed by end of term 3. |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 48-63 CREDIT HOURS | | | | | |
| Choose 1 2D art course from: ART 201/202 Photography I/Lab, ART 204 Photography II, ART 211 Drawing II, ART 214 Life Drawing I, ART 223 Painting I, ART 227 Watercolor I, ART 253 Intro to Printmaking | 3 | | | Grade of C | Minimum 3.0 cumulative GPA required in ARA, ARE, ARS, ART courses; Minimum 2.7 cumulative GPA required for portfolio review |
| Choose 1 additional 2D or a 3D art course from: ART 201 Photography I, ART 204 Photography II, ART 211 Drawing II, ART 214 Life Drawing I, ART 223 Painting I, ART 227 Watercolor I, ART 253 Intro to Printmaking ART 261 Ceramic Survey, ART 272 Metalworking I: Intro, ART 276 Fibers I, or | | | | | MILESTONE – Submit portfolio review by March 1 (see http://art.asu.edu/undergraduate/admission_ ud.html) MILESTONE – Completion of successful art |
| ART 294 Special Topics: Intermedia | 3 | | | Grade of C | • MILESTONE – Meet with a Herberger Institute |
| Upper division ARS course | 3 | | | Grade of C | academic advisor or faculty member in Sculpture once portfolio results are received |
| Social and Behavioral Science (SB) & Global Awareness (G) | 3 | | | | Students must complete 6 hours of upper division ARS coursework (not from ARS 300), Must include 1 non-western course and 1 20 th |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | century course. |
| TERM FIVE: 64-78 CREDIT HOURS | | | | | |
| ART 331 Sculpture II | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS |
| Sculpture art elective-choose 1 from: ART 374 Wood II, ART 432 Neon Sculpture, ART 436 Architectural Sculpture, ART 437 Film Animation, ART 438 Experimental Systems in Sculpture, ART 494 Special Topics: Sculpture | 3 | \boxtimes | | Grade of C | 100 or ARS 300 Students must complete 6 hours of upper division ARS coursework (not from ARS 300) |
| Upper division ARS course | 3 | | | Grade of C | |
| Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 2 | | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | 5.440 01 0 | |



Major Map: Art (Sculpture) - Bachelor of Fine Arts (B.F.A.)

| erberger Institute for Design and the Arts | |
|--|-----|
| | , - |

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|--|
| TERM SIX: 79-93 CREDIT HOURS | | | | | |
| ART 332 Sculpture III | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 |
| Sculpture art elective-choose 1 from: ART 374 Wood II, ART 432 Neon Sculpture, ART 436 Architectural Sculpture, ART 437 Film Animation, ART 438 Experimental Systems in Sculpture, ART 494 | | | | | or ARS 300 |
| Special Topics: Sculpture Art elective course: choose from courses with ARA, ARE, ARS or | 3 | | | Grade of C | _ |
| ART prefix | 3 | | | Grade of C | |
| Upper division Humanities, Fine Arts, and Design(HU) OR Social and Behavioral Sciences(SB) OR if complete, take Elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 94-106 CREDIT HOURS | | | | | |
| ART 431 Special Problems in Sculpture | 3 | \boxtimes | | Grade of C | Art elective course cannot be ARA 311, ARS 100 |
| Sculpture art elective-choose 1 from: ART 374 Wood II, ART 432 Neon Sculpture, ART 436 Architectural Sculpture, ART 437 Film Animation, ART 438 Experimental Systems in Sculpture, ART 494 | | | | | or ARS 300 |
| Special Topics: Sculpture | 3 | | | Grade of C | |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Upper division art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | | | Grade of C | |
| Elective | 1 | | | | |
| TERM EIGHT: 107-120 CREDIT HOURS | | | | | |
| ART 494 Special Topics: Senior Exhibition | 1 | | | Grade of C | Art elective course cannot be ARA 311, ARS 100 |
| Sculpture art elective-choose 1 from: ART 374 Wood II, ART 432 Neon Sculpture, ART 436 Architectural Sculpture, ART 437 Film Animation, ART 438 Experimental Systems in Sculpture, ART 494 | | | | | or ARS 300 |
| Special Topics: Sculpture | 3 | | | Grade of C | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | \boxtimes | | Grade of C | |
| Upper division Art elective course: choose from courses with ARA, ARE, ARS or ART prefix | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs | Cumulative GPA | Major GPA (2.0 | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College |
|-------------------|--------------|----------------|----------------|------------------|------------------------------|---------------------|
| | (minimum 45) | (2.00 minimum) | minimum) | (minimum 30) | Recognition (minimum 56) | Hrs. (maximum 64) |
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Dance – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to term 1:

Milestone 1: All students who wish to enroll in an undergraduate dance degree program are required to pass an interview.

- Prospective students: Interviews take place in February. Students who do not pass the interview must participate in the following fall semester Enrolled Student Interview. These students will take non-major technique classes to help prepare for this interview.
- Enrolled (current) students: Interviews take place February and November. Students who do not pass the interview must participate in the Enrolled Student Interview in the following semester. These students will take non-major technique classes to help prepare for this interview.

| | | | | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------------|--------------------------|------------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-14 CREDIT HOURS | | | | | | |
| DCE 170 First-Year Seminar I | 1 | | | Grade of Y | An SAT, ACT, Accuplacer, or TOEFL score | |
| DCE 130 First-Year Movement Practices I | 2 | | | Grade of C | determines placement into first-year | |
| Personal Movement Practices Requirement - Complete one course | | | | | composition courses ASU Math Placement Exam score determines | |
| from: DCE 134, 135, or 494 Technique & Theory | 2/3 | | | Grade of C | placement in Mathematics course | |
| DCE 160 First-Year Creative Practices I | 3 | | | Grade of C | Completed First-Year Composition requirement | |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | by the end of term 3 • Students must complete MAT 142 or higher by the end of term 2 • One Personal Movement Practices course is required this semester, but students may take an additional Personal Movement Practices course in this semester for general elective credit if | |
| MAT 142: College Mathematics (MA) | 3 | | | | their schedule allows. | |
| TERM TWO: 15-28 CREDIT HOURS | | | | | | |
| DCE 171 First-Year Seminar II | 1 | | | Grade of Y | Complete First-Year Composition requirement | |
| DCE 131 First-Year Movement Practices II | 2 | | | Grade of C | by the end of term 3 Students must complete MAT 142 or higher by | |
| Personal Movement Practices Requirement - Complete one course | | | | | Students must complete MAT 142 or higher by the end of term 2 | |
| from: DCE 134, 135, 234, 235 or 494 Technique & Theory | 2/3 | | | Grade of C | One Personal Movement Practices course is | |
| DCE 161 First-Year Creative Practices II | 3 | | | Grade of C | required this semester, but students may take an | |
| DCE 201 Dance, Culture & Global Contexts (HU, G) | 3 | | | Grade of C | additional Personal Movement Practices course in this semester for general elective credit if | |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or | | | | | their schedule allows. | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | | |
| TERM THREE: 29-43 CREDIT HOURS | | | | | | |
| DCE 270 Second-Year Seminar I | 1 | | | Grade of Y | Complete First-Year Composition requirement | |
| DCE 230 Second-Year Movement Practices I | 2 | | | Grade of C | by the end of term 3 | |
| Personal Movement Practices Requirement - Complete one course | | | | | One Personal Movement Practices course is required this semester, but students may take an | |
| from: DCE 134, 135, 234, 235 or 494 Technique & Theory | 2/3 | | | Grade of C | additional Personal Movement Practices course | |
| DCE 260 Second-Year Creative Practices I | 3 | | | Grade of C | in this semester for general elective credit if their | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | schedule allows. | |
| Computer/Statistics/Quantitative applications (CS) (DCE 340: Dance, Computers and Multimedia recommended) | 3 | | | | | |
| TERM FOUR: 44-57 CREDIT HOURS | | | | | | |
| DCE 271 Second-Year Seminar II | 1 | | | Grade of Y | Must complete DCE 201 by the end of term 4. | |
| DCE 231 Second-Year Movement Practices II | 2 | | | Grade of C | One Personal Movement Practices course is | |
| Personal Movement Practices Requirement - Complete one course | | _ | | | required this semester, but students may take an additional Personal Movement Practices course | |
| from: DCE 134, 135, 234, 235 or 494 Technique & Theory | 2/3 | | | Grade of C | in this semester for general elective credit. | |
| DCE 261 Second-Year Creative Practices II | 3 | | | Grade of C | _ | |
| DCE 354 Creative Approaches to Teaching Dance I | 3 | | | Grade of C | - | |
| DCE 401 Dance History (HU) | 3 | | | Grade of C | | |
| TERM FIVE: 58-71 CREDIT HOURS | | | | G 1 01 | • One Dangered Mayamant Desertion | |
| DCE 370 Third-Year Seminar I | 1 | | | Grade of Y | One Personal Movement Practices course is required this semester, but students may take an | |
| DCE 330 Third-Year Movement Practices I Personal Movement Practices Requirement – Complete one course | 2 | | 1 | Grade of C | additional Personal Movement Practices course | |
| from: DCE 134, 135, 234, 235, 334, 335, or 494 Technique & Theory | 2/3 | | | Grade of C | in this semester for general elective credit if their | |
| DCE 360 Third-Year Creative Practices I | 3 | | | Grade of C | schedule allows. | |
| DCE 356 Creative Approaches to Teaching Dance II | 3 | | | Grade of C |] | |
| DCE 301 Philosophy and Criticism of Dance (L) | 3 | | | Grade of C | | |
| | | | | | | |
| TERM SIX: 72-87 CREDIT HOURS | | | | 1 | Must complete DCE 401 by the end of term 6 | |
| TERM SIX: 72-87 CREDIT HOURS DCE 371 Third-Year Seminar II | 1 | \boxtimes | | Grade of Y | | |
| DCE 371 Third-Year Seminar II DCE 331 Third-Year Movement Practices II | 1 2 | | | Grade of Y Grade of C | One Personal Movement Practices course is | |
| DCE 371 Third-Year Seminar II DCE 331 Third-Year Movement Practices II Personal Movement Practices Requirement – Complete one course | | | | Grade of C | | |
| DCE 371 Third-Year Seminar II DCE 331 Third-Year Movement Practices II Personal Movement Practices Requirement – Complete one course from: DCE 134, 194, 234, 294, 334, 394, or 494 Technique & Theory | 3 | | | Grade of C Grade of C | One Personal Movement Practices course is required this semester, but students may take an additional Personal Movement Practices course in this semester for general elective credit if their | |
| DCE 371 Third-Year Seminar II DCE 331 Third-Year Movement Practices II Personal Movement Practices Requirement – Complete one course | | | | Grade of C | One Personal Movement Practices course is required this semester, but students may take an additional Personal Movement Practices course | |



Major Map: Dance – Bachelor of Fine Arts (B.F.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 88-102 CREDIT HOURS | | | | | |
| DCE 470 Fourth-Year Seminar I | 1 | \boxtimes | | Grade of Y | |
| DCE 460 Transition Project 1 | 2 | \boxtimes | | Grade of C | |
| Upper Division Dance Elective | 3 | \boxtimes | | Grade of C | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US (C) | 3 | | | | |
| Social & Behavioral Science (SB) AND Historical Awareness (H) | 3 | | | | |
| TERM EIGHT: 103-120 CREDIT HOURS | | | | | |
| DCE 471 Fourth-Year Seminar II | 1 | \boxtimes | | Grade of Y | |
| DCE 461 Transition Project II | 2 | \boxtimes | | Grade of C | |
| Upper Division Dance Elective | 3 | \boxtimes | | Grade of C | |
| Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Elective (as needed to meet 120 minimum hrs rqmt) | 0-3 | | | | |
| Elective (as needed to meet 120 minimum hrs rgmt) | 0-3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Dance (Dance Education) – Bachelor of Fine Arts (B.F.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to term 1:

Milestone 1: All students who wish to enroll in an undergraduate dance degree program are required to pass an interview.

- Prospective students: Interviews take place in February. Students who do not pass the interview must participate in the following spring semester Enrolled Student Interview.
 These students will take non-major technique classes to help prepare for this interview.
- Enrolled (current) students: Interviews take place February and November. Students who do not pass the interview must participate in the entrance interview in the following semester. These students will take non-major technique classes to help prepare for this interview.

| | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------------|--------------------------|--------------------|---|
| Course Subject and Title | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if | Additional Critical Degrisoment Notes |
| (courses in bold/shading are critical) TERM ONE: 0-14 CREDIT HOURS | ПIS. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| DCE 170 First-Year Seminar I | 1 | | | Grade of Y | An SAT, ACT, Accuplacer, or TOEFL score |
| DCE 130 First-Year Movement Practices I | 2 | | | Grade of C | determines placement into first-year composition |
| Personal Movement Practices Requirement - Complete one course | | | | Grade of C | courses ASU Math Placement Exam score determines |
| from: DCE 134, 135, or 494 Technique & Theory | 2/3 | | | Grade of C | placement in Mathematics course |
| DCE 160 First-Year Creative Practices I | 3 | | | Grade of C | Complete First-Year Composition requirement |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | by the end of term 3 • Students must complete MAT 142 or higher by the end of term 2 • One Personal Movement Practices course is required this semester, but students may take an |
| MAT 142 College Mathematics (MA) | 3 | | | | additional Personal Movement Practices course in this semester for general elective credit if their schedule allows. |
| TERM TWO: 15-28 CREDIT HOURS | | | 1 | ì | |
| DCE 171 First-Year Seminar II | 1 | | | Grade of Y | Complete First-Year Composition requirement by the end of term3 |
| DCE 131 First-Year Movement Practices II | 2 | | | Grade of C | Students must complete MAT 142 or higher by |
| Personal Movement Practices Requirement – Complete one course from: DCE 134, 135, 234, 235 or 494 Technique & Theory | 2/3 | | | Grade of C | the end of term 2 |
| DCE 161 First-Year Creative Practices II | 3 | | | Grade of C | One Personal Movement Practices course is required this semester, but students may take an |
| DCE 201 Dance, Culture, and Global Contexts (HU, G) | 3 | | | Grade of C | additional Personal Movement Practices course |
| ENG 101 or 102 First-Year Composition or | | | | Grade of C | in this semester for general elective credit if |
| ENG 105 Advanced First-Year Composition or | | | | | their schedule allows. |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 29-43 CREDIT HOURS | 1 |] | | C I CV | Complete First-Year Composition requirement |
| DCE 270 Second-Year Seminar I | 1 | | | Grade of Y | by the end of term 3 |
| DCE 230 Second-Year Movement Practices I Personal Movement Practices Requirement – Complete one course | 2 | | | Grade of C | Must complete DCE 201 by the end of term 3. |
| from: DCE 134, 135, 234, 235 or 494 Technique & Theory | 2/3 | | | Grade of C | One Personal Movement Practices course is required this semester, but students may take an |
| DCE 260 Second-Year Creative Practices I | 3 | | | Grade of C | additional Personal Movement Practices course |
| Natural Science Quantitative (SQ) | 4 | | | | in this semester for general elective credit if their |
| Computer/Statistics/Quantitative applications (CS) (DCE 340: Media | 2 | | | | schedule allows. |
| for Dance recommended) | 3 | | | | |
| TERM FOUR: 44-61 CREDIT HOURS | 1 | | | Grade of Y | One Personal Movement Practices course is |
| DCE 271 Second-Year Seminar II DCE 231 Second-Year Movement Practices II | 2 | | | Grade of C | required this semester, but students may take an |
| Personal Movement Practices Requirement - Complete one course | | | | Glade of C | additional Personal Movement Practices course |
| from: DCE 135, 194, 235, 294, or 394 | 2 | | | Grade of C | in this semester for general elective credit if their schedule allows. |
| DCE 261 Second-Year Creative Practices II | 3 | | | Grade of C | Solication and was |
| DCE 354 Creative Approaches to Teaching Dance I | 3 | \boxtimes | | Grade of C | |
| DCE 401 Dance History (HU) | 3 | \boxtimes | | Grade of C | _ |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM FIVE: 62-78 CREDIT HOURS | | | | 1 | |
| DCE 370 Third-Year Seminar I | 1 | | | Grade of Y | One Personal Movement Practices course is required this semester, but students may take an |
| DCE 394 3rd –Yr Movement Practices | 2 | | | Grade of C | additional Personal Movement Practices course |
| Personal Movement Practices Requirement – Complete one course from: DCE 134, 135, 234, 235, 334, 335, or 494 Technique & Theory | 2/3 | | | Grade of C | in this semester for general elective credit if their schedule allows. |
| DCE 360 Third-Year Creative Practices I | 3 | | | Grade of C | 4 |
| DCE 356 Creative Approaches to Teaching Dance II | 3 | \square | | Grade of C | 4 |
| DCE 301 Philosophy and Criticism of Dance (L/HU) Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3 | | | Grade of C | |
| (C) OR Historical Awareness (H) | 3 | | | | |



Major Map: Dance (Dance Education) – Bachelor of Fine Arts (B.F.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM SIX: 79-94 CREDIT HOURS | | | | | |
| DCE 371 Third-Year Seminar II | 1 | \boxtimes | | Grade of Y | Must complete DCE 401 by the end of term 6. |
| DCE 394 3rd –Yr Movement Practices | 2 | \boxtimes | | Grade of C | |
| DCE 394 3rd –Yr Movement Practices | 3 | \boxtimes | | Grade of C | |
| BLE 220 Foundations of Structured English Immersion | 3 | | | Grade of C | |
| TEL 313 Educational Technology in the K-12 Curriculum | 3 | \boxtimes | | Grade of C | |
| TEL 315 Child and Adolescent Development (L/SB) | 3 | \boxtimes | | Grade of C | |
| SED 396 Field Experience I | 1 | \boxtimes | | Grade of C | |
| TERM SEVEN: 95-110 CREDIT HOURS | | | | | |
| DCE 494 Fourth-Year Seminar | 1 | \boxtimes | | Grade of Y | One Personal Movement Practices course is |
| Personal Movement Practices Requirement – Complete one course from: DCE 134, 135, 234, 235, 334, 335, or 494 Technique & Theory | 2/3 | | | Grade of C | required this semester, but students may take an additional Personal Movement Practices course in |
| SED 397 Field Experience II | 1 | \boxtimes | | Grade of C | this semester for general elective credit if their schedule allows |
| POS 110 Government & Politics (SB) or POS 310 American National Government (SB) | 3 | | | | |
| BLE 407 SEI for Secondary Schools | 3 | \boxtimes | | Grade of C | |
| RDG 323 Literacy Processes in Content Areas | 3 | \boxtimes | | Grade of C | |
| Social & Behavioral Science (SB) AND Historical Awareness (H) | 3 | | | | |
| TERM EIGHT: 111-120 CREDIT HOURS | | | | | |
| DCE 494 Fourth-Year Seminar | 1 | \boxtimes | | Grade of Y | Students who wish to be enrolled full time this terr |
| SED 478 Student Teaching in the Secondary School | 9 | | | Grade of C | may register for SED 478 for 12 hours. |

Graduation Requirements Summary:

| , | Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---|---------------------------|-------------------------------|---|------------------------|---------------------------|---------------------------------------|
| | | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Design Studies (Design Management) – Bachelor of Arts (B.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-----|-------------------|--|---------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-16 CREDIT HOURS | 1 | | ĺ | Grade of C | ASIL 101 is for ASIL frashman students only. Not. |
| ASU 101: The ASU Experience ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | ASU 101 is for ASU freshman students only. Not required of transfer students |
| ENG 107 and 108: English for Foreign Students OR | 3 | | | Glade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition | | | | | determines placement into first-year composition |
| Design Elective | 3 | | | Grade of C | courses • ASU Math Placement Exam score determines |
| Humanities, Fine Arts, Design (HU) with Awareness Area – Global | 3 | | | | placement in mathematics course Design Electives: select from the following prefixes: AAD, ADE, ALA, ANP, APH, ARP, ATE, AVC, DSC, GRA, HUD, IND, INT, LAA, |
| (G) and Historical (H) Mathematical Studies (MA) | 3 | | | | |
| Elective | 3 | - | | | |
| | | | | | LAD, LAP, LDE, LNP, LPH, LTC, PLA, PUP. |
| | | | | | Listed pre-requisites must be met to enroll in any |
| | | | | | College of Design course. • Minimum 2.00 ASU cumulative GPA |
| TERM TWO: 17-31 CREDIT HOURS | | | | | Minimum 2.00 Floo Cumulative Of Fr |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | Design Electives: select from the following |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | | | | | prefixes: AAD, ADE, ALA, ANP, APH, ARP, ATE, AVC, DSC, GRA, HUD, IND, INT, LAA, |
| Design Elective | 3 | | | Grade of C | LAD, LAP, LDE, LNP, LPH, LTC, PLA, PUP. |
| Social and Behavioral Sciences (SB) | 3 | | | Grade of C | Listed pre-requisites must be met to enroll in any |
| Elective | 3 | | | | College of Design course. |
| Elective | 3 | - | | | Minimum 2.00 ASU cumulative GPA |
| TERM THREE: 32-47 CREDIT HOURS | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | Complete First-Year Composition requirement: |
| Social and Behavioral Sciences (SB) | 3 | | | | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Awareness Area - Cultural Diversity (C) | 3 | | | | Sophomore List: Complete one course from each of the three categories by end of term 4. |
| Natural Science – Quantitative (SQ) | 4 | | | | Minimum 2.00 ASU cumulative GPA |
| Design Studies: Sophomore List | 3 | | | | |
| TERM FOUR: 48-63 CREDIT HOURS | | | | | |
| Humanities, Fine Arts, Design (HU) | 3 | | | | Sophomore List: Complete one course from |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | each of the three categories by end of term 4. • Minimum 2.00 ASU cumulative GPA |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | | Willimum 2.00 ASO cumulative GFA |
| Design Studies: Sophomore List | 3 | | | | |
| Design Studies: Sophomore List | 3 | | | | |
| TERM FIVE: 64-78 CREDIT HOURS | | | ı | | |
| Upper-division Design Studies: Junior List | 3 | | | | Junior List: Complete 2 courses from each of the three categories. |
| Upper-division Design Studies: Junior List | 3 | × | | | Minimum 2.00 ASU cumulative GPA |
| Upper-division Design Studies: Junior List | 3 | | | | |
| Upper-division Literacy and Critical Inquiry (L) | 3 | | | | |
| Elective | 3 | | | | |
| TERM SIX: 79-93 CREDIT HOURS Upper-division Design Studies; Junior List | 3 | \boxtimes | | | Junior List: Complete 2 courses from each of |
| Upper-division Design Studies: Junior List | 3 | | | | the three categories. |
| Upper-division Design Studies: Junior List | 3 | | | | Minimum 2.00 ASU cumulative GPA |
| Upper-division Humanities/Fine Art (HU) or Social/Behavioral | 3 | | | | |
| Science (SB) | 3 | | | | |
| Upper-division elective | 3 | \boxtimes | | | |
| TERM SEVEN: 94-108 CREDIT HOURS | | | | | |
| Design Studies: Senior List | 3 | | | | Senior List: Complete 18 credit hours from the |
| Upper-division Design Studies: Senior List | 3 | | | | senior list including 12 upper division hours. • Minimum 2.00 ASU cumulative GPA |
| Upper-division Design Studies: Senior List | 3 | | | | |
| Upper-division elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 109-120 CREDIT HOURS | | | | | |
| Design Studies: Senior List | 3 | | | | Senior List: Complete 18 credit hours from the senior list including 12 upper division hours. |
| Upper-division Design Studies: Senior List | 3 | | | | Minimum 2.00 ASU cumulative GPA |
| Upper-division Design Studies: Senior List | 3 | | | | |
| Upper-division elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|----------------|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |



Major Map: Design Studies (Design Management) -

Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements (may be combined with other general studies requirements)
 - o Cultural Diversity in the U.S. (C) (3 credit hours)
 - o Global Awareness (G) (3 credit hours)
 - o Historical Awareness (H) (3 credit hours)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Sophomore List: Students must select one course from each of the following three categories: (Individual courses cannot fulfill more than one category.)

| Design History | General Design | Communication for Design |
|---|--|---|
| ALA 100 Introduction to Environmental Design | ALA 102 Architecture, Landscape Architecture, and | COM 100 Introduction to Human Communication |
| (HU & H & G) | Society (G) | (SB) |
| DSC 101 Design Awareness (HU & G) | ALA 235 Introduction to Computer Modeling (CS) or | COM 225 Public Speaking (L) |
| | DSC 236 Introduction to Computer Modeling (CS) or | |
| | INT 121 Introduction to Computer Modeling for Interior | |
| | Design (CS) | |
| GRA 111 Graphic Design History I (HU) | APH 294 ST: Culture of Place | COM 230 Small Group Communication (SB) |
| GRA 112 Graphic Design History II | GRA 225 Communication/Interaction Design Theory | COM 250 Introduction to Organizational (SB) |
| | | Communication |
| INT 111 Interior Design Issues and Theories (HU) | IND 242 Materials and Design | COM 259 Communication in Business and the |
| | | Professions |
| APH 213 History of Architecture I ([L or HU] & G | IND 243 Design for Ecology and Social Equity | COM 110 Elements of Interpersonal Communication |
| & H) (formerly APH 313) | | |
| APH 214 History of Architecture II ([L or HU] & G | INT 123 Introduction to Computer-Aided Design of Built | |
| & H) (formerly APH 314) | Environments | |
| | INT 131 Design and Human Behavior (SB) | |
| | PUP 190 Sustainable Cities ([HU or SB] & G) | |
| | PUP 200 The Planned Environment (HU & H) | |
| | GRA 101 Designing Life (credit for GRA 101 or 440) | |

Junior List: Students must select two courses from each of the following three categories: (Individual courses cannot fulfill more than one category.)

| Design History | General Design | Communication for Design |
|--|--|--|
| IND 316 20th-Century Design I (HU & H) | IND 344 Human Factors in Design | MKT 390, 391, 394, 395 Various Topics in Marketing |
| IND 317 20th-Century Design II (HU & H) | IND 354 Principles of Product Design | TWC 301 General Principles of Multimedia Writing |
| | | (L) |
| INT 310 History of Interior Design I | PUP 301 Introduction to Urban Planning (L) | TWC 347 Written Communication for Managers |
| INT 311 History of Interior Design II (HU & H) | PUP 420 Theory of Urban Design (HU) | |
| LPH 310 History of Landscape Architecture (HU & | INT 320 Computer Modeling for Design Studies (credit | |
| H) | for INT 121 or 320 or 394) | |
| PUP 363 History of Planning | INT 394 ST: Design and Human Behavior (credit for | |
| | INT 131 or 394) | |
| APH 300 World Architect I/Western Cultures (HU & | INT 394 ST: Introduction to CAD (credit for INT 123 or | |
| H & G) | 394) | |
| APH 305 Contemporary Architecture (HU & H) | | |
| APH 336 20th-Century Architecture I (HU) (formerly | | |
| APH 446) | | |
| APH 337 20th-Century Architecture II (HU) | | |
| (formerly APH 447) | | |
| LPH 311 Contemporary Landscape Architecture | | |
| (HU) | | |

Senior List: Students must complete 18 credits. At least 12 credits must be Upper Division. (Individual courses cannot fulfill more than one category.)

| Lower Division | Upper Division |
|--|---|
| COM 100 Introduction to Human Communication (SB) | ACC 382 Accounting and Financial Analysis |
| COM 250 Introduction to Organizational Communication (SB) | COM 312 Communication, Conflict, and Negotiation |
| COM 259 Communication in Business and the Professions | ECN 382 Managerial Economics |
| COM 263 Elements of Intercultural Communication (SB & C & G) | ENG 301 Writing for the Professions (L) |
| ECN 212 Microeconomic Principles (SB) | FIN 380 Personal Financial Management |
| PHI 103 Principles of Sound Reasoning (L or HU) | INT 471 Facilities Management |
| PHI 105 Introduction to Ethics (HU) | LES 380 Consumer Perspective of Business Law |
| COM 110 Elements of Interpersonal Communication | MGT 380 Management and Strategy for Non-majors |
| | MKT 390, 391, 394 or 395 Various Topics in Marketing |
| | PHI 306 Applied Ethics (HU) |
| | SOC 321 Sociology of Work (SB) |
| | TWC 301 General Principles of Multimedia Writing (L) |
| | TWC 347 Written Communication for Managers (L) |
| | HDA 494 ST: Design and the Arts Business Administration |



Major Map : Design Studies (Digital Culture) - Bachelor of Arts (B.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | Competed Transfer F | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|---------------------|-------------------------|--|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-16 CREDIT HOURS | Hrs. | Division | Course/Grade Mir | nimum Grade if Required | Additional Critical Tracking Notes |
| | 1 | | C | -1fC | ASU 101 is for ASU freshman students only. Not |
| ASU 101: The ASU Experience | 1 | | Gra | ade of C | required of transfer students |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | Gra | ade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| HDA/AME 194: Topics in Digital Culture | 3 | | Gra | ade of C | ASU Math Placement Exam score determines |
| GRA 101: Designing Life | 3 | | | ade of C | placement in Mathematics course |
| MAT 210: Brief Calculus (MA) | 3 | | | | Minimum 3.0 cumulative GPA required in Digital Culture coursework |
| Humanities, Fine Arts, Design (HU) with Awareness Area – Global (G) and Historical (H): | 3 | | | | Minimum 2.0 ASU cumulative GPA |
| TERM TWO: 17-31 CREDIT HOURS ENG 101 and 102: First-Year Composition OR | | | _ | | Digital Culture coursework: Refer to focus area |
| ENG 101 and 102. First-1 ear Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | Gra | ade of C | list for course selection. • Minimum 3.0 cumulative GPA required in Digital |
| Digital Culture Studies: | 3 | | Gra | ade of C | Culture coursework Minimum 2.0 ASU cumulative GPA |
| Digital Media: | 3 | | Gra | ade of C | - Minimum 2.0 ASO cumulative GrA |
| Social and Behavioral Sciences (SB) with Awareness Area – Cultural Diversity (C): | 3 | | | | |
| Computer/Statistics/Quantitative applications (CS): | 3 | | | | |
| TERM THREE: 32-47 CREDIT HOURS | | | | | |
| GRA 225: Communication/Interaction Design Theory | 3 | | Gra | ade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| APH 212: Culture of Place or INT 121: Intro Computer Modeling | 3 | | Gra | ade of C | • Digital Culture coursework: Refer to focus area |
| Natural Science – Quantitative (SQ): | 4 | | | | list for course selection. |
| Literacy and Critical Inquiry (L): | 3 | | | | Minimum 3.0 cumulative GPA required in Digital Culture coursework |
| Social and Behavioral Sciences (SB): | 3 | | | | Minimum 2.0 ASU cumulative GPA |
| TERM FOUR: 48-63 CREDIT HOURS | | | | | |
| Digital Culture Studies: | 3 | | Gra | ade of C | Digital Culture coursework: Refer to focus area |
| Digital Media: | 3 | | | | list for course selection. • Minimum 3.0 cumulative GPA required in Digital |
| Historical and Theoretical Studies: Natural Science – Quantitative or General (SQ/SG): | 3 | | | | Culture coursework |
| Humanities, Fine Arts, Design (HU): | 3 | H | | | Minimum 2.0 ASU cumulative GPA |
| TERM FIVE: 64-78 CREDIT HOURS | 5 | | | | |
| GRA 401: Creative Environments | 3 | | | | Digital Culture coursework: Refer to focus area |
| Digital Culture Studies: | 3 | | Gra | ade of C | list for course selection. |
| Digital Media: | 3 | | | 1 60 | Minimum 3.0 cumulative GPA required in Digital Culture coursework |
| Digital Culture Studies: Related Digital Culture: | 3 | | Gra | ade of C | Minimum 2.0 ASU cumulative GPA |
| TERM SIX: 79-93 CREDIT HOURS | 3 | Ш | | | Minimum 2.0 Figo Cumulative Of Fi |
| INT 394: Design and Human Behavior | 3 | \boxtimes | | | Digital Culture coursework: Refer to focus area |
| Upper Division Digital Culture Studies: | 3 | Ø | Gra | ade of C | list for course selection. |
| Upper Division Digital Culture Studies: | 3 | \boxtimes | Gra | ade of C | Minimum 3.0 cumulative GPA required in Digital |
| Upper Division Digital Media: | 3 | | | | Culture coursework |
| Upper Division Humanities/Fine Art (HU) or Social/Behavioral Science (SB): | 3 | \boxtimes | | | Minimum 2.0 ASU cumulative GPA |
| TERM SEVEN: 94-108 CREDIT HOURS | | | | | |
| Upper Division Capstone Experience: | 3 | | | | Digital Culture coursework: Refer to focus area |
| Upper Division Digital Culture Studies: | 3 | | Gra | ade of C | list for course selection. • Minimum 3.0 cumulative GPA required in Digital |
| Upper Division Digital Media: | 3 | ⊠ ⊠ | | | Minimum 3.0 cumulative GPA required in Digital Culture coursework |
| Upper Division Historical and Theoretical Studies: Upper Division Literacy and Critical Inquiry (L): | 3 | | | | Minimum 2.0 ASU cumulative GPA |
| TERM EIGHT: 109-120 CREDIT HOURS | ر ا | | | | |
| Upper Division Digital Culture Studies: | 3 | \boxtimes | Gra | ade of C | Digital Culture coursework: Refer to focus area |
| Upper Division Digital Culture Studies: | 3 | \boxtimes | Gra | ade of C | list for course selection. |
| Upper Division Related Digital Culture: | 3 | | | | Minimum 3.0 cumulative GPA required in Digital Culture coursework |
| Upper Division Capstone Experience: | 3 | | | | Minimum 2.0 ASU cumulative GPA |
| Graduation Requirements Summary | | | | | |

| Total Hours | Total UD Hours | Cumulative GPA Total Hrs at ASU | | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|---------------------------------|---------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| | | | | | |



Major Map: Design Studies (Digital Culture) -Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - Mathematical Studies (MA) (3 credit hours) 0
 - Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - Humanities, Fine Arts, and Design (HU) (6-9 credit hours) 0
 - Social and Behavioral Sciences (SB) (6-9 credit hours)
 - 0 Natural Science-Quantitative (SQ) (4 – 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements (may be combined with other general studies requirements)
 - Cultural Diversity in the US (C) (3 credit hours)
 - Global Awareness (G) (3 credit hours)
 - Historical Awareness (H) (3 credit hours)
- First-Year Composition (ENG 101 & 102 OR ENG 107 & 108 or 105)

Additional Notes: Focus Area Course List

| Digital Culture Studies: 27 hours (15 upper division)* AME/HDA 194/140 Topics in Digital Culture is a pre-requisite for all courses below. | Digital Media: 15 hours (6 upper division; must include coursework from both areas)* | Related Digital Culture: 6 hours (3 upper division)* | Historical & Theoretical: 6 hours (3 upper division; select 2 different disciplines)* |
|---|--|--|---|
| AME 194 Computational Thinking for Digital Culture and Media Arts | Media Arts and Design | THP 294 Writing & Story Development for Interactive Gaming | ALA 100 Intro to Environmental Design |
| AME/ART 294 Intro to Interactive Environments | ART 194 Digital Art & Culture | EDT 329 Games, Simulations & Virtual Environments | ALA 102 Architecture, Landscape Architecture, & Society |
| AME/DSC 294 Media Editing | ART 294 The Still Image in Digital Culture | PSY 394 Memory and Cognition | APH 213 History of Architecture I |
| ART 294 Intro to Visualization & Prototyping | FMP 294 Introduction to Animation | ENG 394/494 Social Media & Digital Cultures | APH 214 History of Architecture II |
| AME 294 Programming for Media Arts | MUE 294 Open Minds Digital Ears | ENG 394/494 Writing in Cyberspace | APH 300 World Arch/Western Civilizations |
| OCE 294 Hybrid Action: Physical ntelligence in Digital Culture | ANP 394 Design by Algorithm | ASB 394 Rules, Games & Society | APH 336 20 th Century Architecture I |
| ANP/AME 394 How to Build a Digital- Physical System | FMP 394 Non-linear editing | ASB 394 Science and Technology | APH 337 20 th Century Architecture II |
| OSC 394 Digital Modeling | MUE 394 Performing in Digital & Hybrid Music Groups | ART 398 Digital Ethnography in Virtual Worlds | DSC 101 Design Awareness |
| AME 394 Media Theory | MUE 494 Advanced Interactive Sound | AME 494 Media Theory | HUD 201 Intro Housing & Community Develop |
| HDA 394 Collaborative Projects in Digital Culture | ANP 494 Architectural Systems; Building Skins | EDT 431 Computer Gaming Learning & Literacy | GRA 111 Graphic Design History I |
| AME 394 Compositional & Computation Principles for Media Arts | Media Engineering | ASB 494 Social Simulation | GRA 112 Graphic Design History II |
| ANP 494 Digital Fabrication | CSE 294 Data Structures, Analysis & Retrieval | MCO 435 Social Media | IND 316 20th Century Design I |
| ANP 494 Digital Ecologies: Parametric Systems Design | CEE 294 Signal Analysis for Digital Culture | | IND 317 20th Century Design II |
| AME 494 Animating Virtual Worlds | CSE 394 Graphics & Information Visualization for Digital Culture | | INT 111 Interior Design Issues & Theories |
| ART/AME 494 Media Installations | CEE/CSE 394 Information Analysis & Search for Digital Culture | | INT 310 Interior Design History I |
| AME 494 Integrated System Development or Digital Culture | CEE 400 Probabilistic System Representation for Digital Culture | | INT 311 Interior Design History II |
| | | | LPH 210 History of Landscape Architecture |
| | | | LPH 211 Contemporary Landscape Architecture |

Determined in consultation with faculty mentor.

^{*}Students in the Digital Culture focus can petition to replace three credits per digital culture category (core, digital media, digital culture related, history and theory, capstone) up to a maximum of 12 replacement credits. Replacement credits must be related to digital culture work and may be achieved through courses offered by any unit of ASU including Polytechnic, West (IAP), and FMS.



Major Map: Film (Film and Media Production) – Bachelor of Arts (B.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|---------------|-------------------------------|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| THE 125 Orientation to Theatre & Film | 1 | | | Grade of B- | An SAT, ACT, Accuplacer, or TOEFL score |
| Complete at least 2 courses from Film core: | |] | | Grade of B | determines placement into first-year |
| FMS 100 Intro to Film (HU) | | - | | | composition courses ASU Math Placement Exam score determines |
| FMS 200 Film History (HU & H) FMP 201 Film: The Creative Process I (HU) | 3 | | | Grade of C | placement in Mathematics course |
| FMS 270 Race & Gender in American Film (HU, C) | | | | | First-year composition requirement must be |
| FMP 250 Sex & Violence in Film & TV: Ethics Survey | , | | | C1FC | completed by end of term 3 • MAT 142 (or higher) (MA) must be completed |
| THP 261 Intro to Screenwriting | 3 | | | Grade of C | by end of term 2 |
| MAT 142 College Mathematics (MA) | 3 | | | | Minimum 3.0 cumulative GPA required Film core courses |
| ENG 101 or 102 First-Year Composition or | | | | | Minimum 2.5 cumulative GPA required |
| ENG 107 or 108 English for Foreign Students or ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | _ |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete at least 2 additional courses from Film core: | | | | | First-year composition requirement must be |
| FMS 100 Intro to Film (HU) FMS 200 Film History (HU & H) | , | | | Condo of C | completed by end of term 3 MAT 142 (or higher) (MA) must be completed |
| FMS 270 Race & Gender in American Film (HU, C) | 3 | | | Grade of C | by end of term 2 |
| FMP 201 Film: The Creative Process I (HU) | | | | | Minimum 3.0 cumulative GPA required Film |
| FMP 250 Sex & Violence in Film & TV: Ethics Survey THP 261 Intro to Screenwriting | 3 | | | Grade of C | core courses Minimum 2.5 cumulative GPA required |
| Social and Behavioral Science (SB) | 3 | | | | |
| ENG 101 or 102: First-Year Composition or | , | | | | |
| ENG 107 or 108: English for Foreign Students or | | | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete remaining Film core course: | | | | | First-Year Composition Completed Minimum 2.0 computative CDA required Films |
| FMS 100 Intro to Film (HU) FMS 200 Film History (HU & H) | 3 | | | | Minimum 3.0 cumulative GPA required Film core courses |
| FMS 270 Race & Gender in American Film (HU, C) | | | | | Minimum 2.5 cumulative GPA required |
| FMP 201 Film: The Creative Process I (HU) FMP 250 Sex & Violence in Film & TV: Ethics Survey | | | | | MILESTONE – Successful completion of an interview and portfolio review are required in |
| THP 261 Intro to Screenwriting | | | | Grade of C | the term in which student is completing the Film |
| THE 220 Principles of Dramatic Analysis (L) | 3 | | | Grade of C | core. See |
| Natural Science-Quantitative (SQ) | 4 | | | | http://theatrefilm.asu.edu/students/prospective/u ndergrad-applyBAF.php |
| Social and Behavioral Science (SB) | 3 | | | | navigiau appiyoni ipip |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| FMP 300 Focus on Film: Film Production Part I (section for FMP | | | | | Minimum 3.0 cumulative GPA required in Theatre and Film courses |
| majors only) | 3 | | | Grade of C | Minimum 2.5 cumulative GPA required |
| Global Awareness (G) | 3 | | | | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | | | G 1 6G | Minimum 3.0 cumulative GPA required in |
| FMP 320 Film & Media Post-Production | 3 | | | Grade of C | Theatre and Film courses |
| Upper division film related course with FMP, THE or THP prefix | 3 | | | Grade of C | Minimum 2.5 cumulative GPA required |
| THP 387 Acting: TV & Film Cultural Diversity in the US (C) | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| FMP 318: Directing for Film | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in |
| THE 403 Independent Film (HU) | 3 | \boxtimes | | Grade of C | Theatre and Film courses |
| Upper division film related course with FMP, THE or THP prefix | 3 | | | Grade of C | Minimum 2.5 cumulative GPA required FMP 318 completed by the end of semester 6. |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | - | 2.1.1 5.15 completed by the end of semister 0. |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| FMP 480 Film Production Capstone 1 | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in |
| Upper division film related course with FMP, THE or THP prefix | 3 | \boxtimes | | Grade of C | Theatre and Film courses Minimum 2.5 cumulative GPA required |
| Upper division elective | 3 | \boxtimes | - | | 2.5 vaniantive of A required |
| Upper division elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |



Major Map: Film (Film and Media Production) – Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| FMP 481 Film Production Capstone II | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in |
| FMP 417 Business Ethics in Entertainment ¹ | 3 | \boxtimes | | Grade of C | Theatre and Film courses Minimum 2.5 cumulative GPA required |
| Upper division film related course with FMP, THE or THP prefix | 3 | \boxtimes | | | William 2.5 Camalative G171 required |
| Elective | 3 | | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|-------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

¹ Course only offered spring semester.



Major Map: Film – Bachelor of Arts (B.A.) in Film (Filmmaking Practices) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP □ | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------|-------------------------|----------------------------------|---|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical courses) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-13 CREDIT HOURS THE 125 Orientation to Theatre & Film | 1 | | | Grade of B- | An SAT, ACT, Accuplacer, or TOEFL score | |
| Complete 2 course from Film core or THP 101: | 1 | Ш | | Grade of B- | determines placement into first-year | |
| FMS 100 Intro to Film (HU) | | | | | composition courses ASU Math Placement Exam score determines | |
| FMS 200 Film History (HU & H) FMP 201 Film: The Creative Process I (HU) | 3 | | | Grade of C | placement in Mathematics course | |
| FMS 270 Race & Gender in American Film (HU, C) | | | | | First-year composition requirement_completed | |
| FMP 250 Sex & Violence in Film & TV: Ethics Survey | | | | | by end of term 3Math completed by end of term 2 | |
| THP 261 Intro to Screenwriting THP 101 Acting Introduction | 3 | | | Grade of C | Minimum 3.0 cumulative GPA required in | |
| ENG 101 or 102 First-Year Composition or | , | | | Grade of C | Theatre and Film courses | |
| ENG 107 or 108 English for Foreign Students or | | | | | Minimum 2.5 cumulative ASU GPA | |
| ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | | |
| MAT 142 College Mathematics (MA) | 3 | | | | | |
| TERM TWO: 14-28 CREDIT HOURS Complete 3 additional courses from Film core or THP 101: | | | | | First-year composition requirement must be | |
| FMS 100 Intro to Film (HU) | | | | | completed by end of term 3 | |
| FMS 200 Film History (HU & H) | 3 | | | Grade of C | MAT 142 (or higher) (MA) must be completed | |
| FMS 270 Race & Gender in American Film (HU, C) FMP 201 Film: The Creative Process I (HU) | 3 | | | | by end of term 2 Minimum 3.0 cumulative GPA required in | |
| FMP 250 Sex & Violence in Film & TV: Ethics Survey | 3 | | | Grade of C | Theatre and Film courses | |
| THP 261 Intro to Screenwriting | | | | | Minimum 2.5 cumulative ASU GPA | |
| THP 101 Acting Introduction | 3 | | | Grade of C | | |
| Social and Behavioral Science (SB) ENG 101 or 102 First-Year Composition or | 3 | | | | | |
| ENG 107 or 108 English for Foreign Students or | | | | | | |
| ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | | |
| TERM THREE: 29-44 CREDIT HOURS | | | | | | |
| Complete remaining 2 courses from Film core or THP 101: | 2 | | | Condo of C | First-Year Composition Completed Minimum 3.0 cumulative GPA required in | |
| FMS 100 Intro to Film (HU) FMS 200 Film History (HU & H) | 3 | | | Grade of C | Theatre and Film courses | |
| FMS 270 Race & Gender in American Film (HU, C) | | | | | Minimum 2.5 cumulative ASU GPA | |
| FMP 201 Film: The Creative Process I (HU) FMP 250 Sex & Violence in Film & TV: Ethics Survey | | | | | Students interested in the Film and Media Production concentration must successfully pass | |
| THP 261 Intro to Screenwriting | | | | | an interview and portfolio review in the | |
| THP 101 Acting Introduction | 3 | | | Grade of C | semester they are completing the Film core. See | |
| THE 220 Principles of Dramatic Analysis (L) | 3 | | | Grade of C | Film and Media Production major map. | |
| Social and Behavioral Science (SB) | 3 | | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | | |
| TERM FOUR: 45-59 CREDIT HOURS | | | | | | |
| FMP 300 Focus on Film: Film Production Part I | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in Theatre and Film courses | |
| Film Elective (choose from film courses with FMP, THE or THP prefix) | 3 | | | Grade of C | Minimum 2.5 cumulative ASU GPA | |
| Cultural Diversity in the US (C) | 3 | | | Grade of C | Complete THE 220 by the end of term 4. | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | | |
| Elective | 3 | | | | | |
| | 3 | | | | | |
| TERM FIVE: 60-75 CREDIT HOURS Upper Division Film Elective – choose from film courses with FMP, | | | | | Minimum 3.0 cumulative GPA required in | |
| THE or THP prefix | 3 | \boxtimes | | Grade of C | Theatre and Film courses | |
| THE 403 Independent Film (HU) | 3 | \boxtimes | | Grade of C | Minimum 2.5 cumulative ASU GPA Complete EMP 300 by the and of term 5 | |
| Upper Division Related Study Elective: Film course outside School of Theatre and Film | 2 | \square | | Crada of C | Complete FMP 300 by the end of term 5. | |
| Natural Science Quantitative (SQ) or General (SG) | 3 | | | Grade of C | | |
| Elective | 3 | | | | | |
| TERM SIX: 7691 CREDIT HOURS | ر | | | | | |
| FMP 494 Film Production Crew or FMP 484 Internship ¹ | 1 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in | |
| Upper Division Related Study Elective: Film course outside School of | 1 | | | Grade of C | Minimum 3.0 cumulative GPA required in Theatre and Film courses | |
| Theatre and Film | 3 | \boxtimes | | Grade of C | Minimum 2.5 cumulative ASU GPA | |
| Upper Division Film Elective – choose from film courses with FMP, THE or THP prefix | 3 | \boxtimes | | Grade of C | Students must take three credit hours of either FMP 494 Film Production Crew or FMP 484 | |
| Upper Division Literacy (L) | 3 | | | Grade of C | Internship to satisfy the requirement. | |
| Global Awareness (G) | 3 | | | | | |
| Elective | 3 | | | | 1 | |



Major Map: Film -

Bachelor of Arts (B.A.) in Film (Filmmaking Practices)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical courses) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | | | |
|---|------|-------------------|--------------------------|------------------------------|---|--|--|--|
| TERM SEVEN: 92-107 CREDIT HOURS | | | | | | | | |
| FMP 494 Film Production Crew or FMP 484 Internship ¹ | 1 | | | Grade of C | Minimum 3.0 cumulative GPA required in Theatre | | | |
| Upper Division Film Elective – choose from film courses with FMP, THE or THP prefix | 3 | \boxtimes | | Grade of C | and Film courses Minimum 2.5 cumulative ASU GPA | | | |
| Upper Division Elective | 3 | \boxtimes | | | Students must take three credit hours of either FMP 494 Film Production Crew or FMP 484 Internship | | | |
| Upper Division Elective | 3 | \boxtimes | | | to satisfy the requirement. | | | |
| Upper Division Elective | 3 | \boxtimes | | | | | | |
| Elective | 3 | | | | | | | |
| TERM EIGHT: 108-120 CREDIT HOURS | | | | | | | | |
| FMP 494 Film Production Crew or FMP 484 Internship ¹ | 1 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in Theatre | | | |
| Upper Division Related Study Elective: Film course outside School of Theatre and Film | 3 | \boxtimes | | Grade of C | and Film courses Minimum 2.5 cumulative ASU GPA Students must take three credit hours of either FM 494 Film Production Crew or FMP 484 Internship | | | |
| Upper Division Film Elective – choose from film courses with FMP, THE or THP prefix | 3 | \boxtimes | | Grade of C | | | | |
| Upper Division Elective | 3 | \boxtimes | | | to satisfy the requirement. | | | |
| Elective | 3 | | | | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|-------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - O Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

¹ Students must take three credit hours of either FMP 494 Film Production Crew or FMP 484 Internship to satisfy the requirement.



Major Map: Graphic Design – Bachelor of Science in Design (B.S.D.) Herberger Institute for Design and the Arts | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-----|-------------|--|---|
| Course Subject and Title | 11 | Upper | Transfer | |
| (courses in bold/shading are critical) TERM ONE: 0-16 CREDIT HOURS | Hrs | Division | Course/Grade Minimum Grade if Required | Additional Critical Tracking Notes |
| ASU 101 The ASU Experience | 1 | | Grade of C | ASU 101 is for ASU freshman students only. |
| ENG 101 and 102 First-Year Composition OR ENG 107 and 108 English for Foreign Students OR ENG 105 Advanced First-Year Composition | 3 | | Grade of C | Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| Computer/Statistics/Quantitative applications (CS) | 3 | | Grade of C | composition courses |
| GRA 111 Graphic Design History I ^{1,4} (HU) | 3 | | Grade of C | ASU Math Placement Exam score determines placement in mathematics course |
| GRA 121 Principles for Graphic Design I 1,4 | 3 | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| GRA 101 Designing Life ^{1,4} | 3 | | Grade of C | |
| TERM TWO: 17-31 CREDIT HOURS ENG 101 and 102 First-Year Composition OR ENG 107 and 108 English for Foreign Students OR ENG 105 Advanced First-Year Composition | 3 | | Grade of C | Minimum 2.75 ASU cumulative GPA MILESTONE: Graphic Design (page 2) |
| GRA 112 Graphic Design History II ^{2,4} | 3 | | Grade of C | |
| GRA 122 Principles for Graphic Design II ^{2,4} | 3 | | Grade of C | |
| MAT 142 College Mathematics (MA) or higher | 3 | | | |
| ARS 101 Art-Prehistory Through Middle Ages (HU, H) | 3 | | | |
| TERM THREE: 32-46 CREDIT HOURS | | | | |
| GRA 220 Design Drawing I ^{1,4} | 3 | | Grade of C | Complete First-Year Composition requirement: ENG 101 and 102 OR ENG 107 and 108 or |
| GRA 221 Letterform ^{1,4} | 3 | | Grade of C | ENG 105 |
| GRA 222 Visual Communication I ^{1,4} | 3 | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| GRA 225 Communication/Interaction Design Theory ^{1,4} | 3 | | Grade of C | |
| Literacy and Critical Inquiry (L) | 3 | | | |
| TERM FOUR: 47-62 CREDIT HOURS GRA 223 Typography ^{2,4} | 3 | | Condo of C | Minimum 3.00 ASU cumulative GPA |
| GRA 224 Visual Communication II ^{2,4} | 3 | | Grade of C Grade of C | Minimum 3.00 ASO cumulative GPA |
| PGS 101 Introduction to Psychology (SB) | 3 | | Grade of C | _ |
| Natural Science – Quantitative (SQ) | 4 | | | - |
| Elective | 3 | | | _ |
| TERM FIVE: 63-77 CREDIT HOURS | | | | |
| GRA 321 Technology for Design I ^{1,4} | 3 | \boxtimes | Grade of C | Minimum 3.00 ASU cumulative GPA |
| GRA 361 Visual Communication III ^{1,4} | 5 | | Grade of C | |
| Social and Behavioral Sciences (SB) and Awareness Area - Global (G) | 3 | | | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | |
| TERM SIX: 78-91 CREDIT HOURS | | | | |
| GRA 322 Technology for Design II ^{2,4} | 3 | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| GRA 345 Design Rhetoric ^{2,4} (L) | 3 | | Grade of C | |
| GRA 362 Visual Communication IV ^{2,4} | 5 | | Grade of C | <u>_</u> |
| ARS 300 Introduction to Art (HU) | 3 | | | |
| SUMMER GRA 484 Internship ³ | 2 | | Grade of Y | |
| TERM SEVEN: 92-107 CREDIT HOURS GRA 421 Exhibit Design ^{1,4} | 3 | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| GRA 422 Motion Graphics and Interaction Design ^{1,4} | 3 | | Grade of C | |
| GRA 461: Visual Communication V ^{1,4} | 5 | \boxtimes | Grade of C | |
| Awareness Area - Cultural Diversity (C) | 3 | | | 1 |
| TERM EIGHT: 108-120 CREDIT HOURS | | | | |
| GRA 424 Advanced Media ^{2,4} | 3 | \boxtimes | Grade of C | Minimum 3.00 ASU cumulative GPA |
| GRA 423 Advanced Interaction Design ^{2,4} | 3 | | Grade of C | |
| GRA 462 Visual Communication VI ^{2,4} | 5 | | Grade of C | |
| Elective | 2 | | | |



Major Map: Graphic Design – Bachelor of Science in Design (B.S.D.)

Herberger Institute for Design and the Arts | Catalog Year: 2010–2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|--------------------------|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | (3.00 minimum for major) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements (may be combined with other general studies requirements)
 - o Cultural Diversity in the U.S. (C) (3 credit hours)
 - o Global Awareness (G) (3 credit hours)
 - Historical Awareness (H) (3 credit hours)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Most studio and some lecture courses are sequential, must be taken in, and may be offered only during the semester noted.

MILESTONE: Graphic Design - during semester 2, students will apply to pass a degree milestone requirement. This is an evaluation of general academic and specific performance. Students with the best scores as competitively ranked will continue to take courses leading to the Bachelor of Science in Design degree (BSD). Students who do not pass the degree milestone should see an academic advisor if they need assistance.

¹Course offered only in the fall semester

² Course offered only in the spring semester

³ Summer Internship: conducted between years 3 and 4. Do not register for the class (GRA 484) until the following fall semester.

⁴ **Transfer credits**: evaluated by the college for applicability to this curriculum and must be equivalent in both content and level. Submit samples of studio work for evaluation to the Herberger Institute Office of Student Success, Design South (CDS), room 101.



Major Map: Housing and Community Development – Bachelor of Science in Design (B.S.D.) Herberger Institute for Design and the Arts | Catalog Year: 2010–2011

| | | | | nsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|--|-------------------|--------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-16 CREDIT HOURS | | | | | 5 · · · · · · |
| ASU 101 The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. |
| ENG 101 and 102 First-Year Composition OR ENG 107 and 108 English for Foreign Students OR | 3 | | | Grade of C | Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ENG 105 Advanced First-Year Composition HUD 161 Graphic Communication ^{1,6} OR | 3 | | | Grade of C | composition courses |
| INT 123 Introduction to Computer-Aided Design of Built | | | | | ASU Math Placement Exam score determines placement in mathematics course |
| Environments Social and Behavioral Sciences (SB) ⁴ | 3 | | | | Minimum 2.50 ASU cumulative GPA |
| MAT 142 College Mathematics (MA) or higher | 3 | | | | |
| Elective | 3 | | | | |
| TERM TWO: 17-32 CREDIT HOURS | , | Ш | | | |
| ENG 101 and 102 First-Year Composition OR ENG 107 and 108 English for Foreign Students OR | 3 | | | Grade of C | Minimum 2.75 ASU cumulative GPA MILESTONE: Housing and Community |
| ENG 105 Advanced First-Year Composition | | | | | Development (page 2) |
| HUD 201 Introduction to Housing and Urban Development² | 3 | | | Grade of C | |
| Humanities, Fine Arts, and Design (HU) ^{3,4} and Awareness Area – Historical (H) | 3 | | | Grade of C | |
| Social and Behavioral Sciences (SB) ⁴ | 3 | | | | |
| Natural Science – Quantitative or General (SQ/SG) ⁴ | 4 | | | | |
| TERM THREE: 33-47 CREDIT HOURS | | | | | |
| ALA 102 Architecture, Landscape Architecture, and Society (G) ⁶ OR any Design History course ³ | 3 | | | Grade of C | Complete First-Year Composition requirement: |
| CON 252 Building Construction Methods, Materials, and Equipment | 3 | | | Grade of C | ENG 101 and 102 OR ENG 107 and 108 or ENG 105 |
| Statistics (CS) | 3 | | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| Awareness Area – Cultural Diversity (C) | 3 | | | | |
| Humanities, Fine Arts, and Design (HU) ^{3,4} and Awareness Area – Global | 3 | | | | |
| (G) | - | | | | |
| TERM FOUR: 48-60 CREDIT HOURS | | | | G 1 66 | • Maintain 2 00 minimum annulation ACH CDA |
| ACC 382 Accounting and Financial Analysis | 3 | \square | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science | 3 | ⊠ ⊠ | | Grade of C | Maintain 3.00 minimum cumulative ASO GPA |
| | | | | Grade of C | Maintain 5.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) | 3 | | | Grade of C | Maintain 5.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) | 3 | | | Grade of C | Maintain 5.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) | 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS | 3 4 | | | | |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design | 3 4 | | | Grade of C | |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential | 3 4 4 3 | | | Grade of C Grade of C | |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ | 3 3 4 4 3 2 | | | Grade of C Grade of C Grade of C | |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective | 3 3 4 4 3 2 | | | Grade of C Grade of C Grade of C | |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR | 3 3 4 4 3 2 | | | Grade of C Grade of C Grade of C | |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² | 3 3 4 4 3 2 3 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² HUD 302 Housing Production Process ² | 3 4 4 3 2 3 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² | 3 3 4 4 3 2 3 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² HUD 362 Housing and Urban Development Studio II: Community Design and Development ² HUD 364 Housing and Urban Development Seminar II: Community | 3 4 4 3 2 3 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science — Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² HUD 362 Housing and Urban Development Studio II: Community Design and Development ² | 3 3 4 4 3 2 3 3 3 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² HUD 362 Housing Production Process ² HUD 364 Housing and Urban Development Studio II: Community Design and Development ² | 3 3 4 4 3 2 3 3 3 2 3 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science — Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² HUD 362 Housing and Urban Development Studio II: Community Design and Development ² HUD 364 Housing and Urban Development Seminar II: Community Design and Development ² HUD 403 Advanced Topics in Housing and Urban Development ² Elective ⁵ | 3 3 4 4 3 2 3 3 3 2 3 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science — Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² HUD 362 Housing and Urban Development Studio II: Community Design and Development ² HUD 364 Housing and Urban Development Seminar II: Community Design and Development ² HUD 403 Advanced Topics in Housing and Urban Development ² Elective ⁵ TERM SEVEN: 93-106 CREDIT HOURS CON 495 Construction Planning and Scheduling (CS) | 3 3 4 4 3 2 3 3 3 3 3 3 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² HUD 362 Housing and Urban Development Studio II: Community Design and Development ² HUD 364 Housing and Urban Development Seminar II: Community Design and Development ² HUD 403 Advanced Topics in Housing and Urban Development ² Elective ⁵ TERM SEVEN: 93-106 CREDIT HOURS CON 495 Construction Planning and Scheduling (CS) HUD 461 Housing and Urban Development Studio III: Comprehensive Housing Development Process ¹ | 3 3 4 4 3 2 3 3 3 3 3 2 3 3 2 3 2 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² HUD 362 Housing and Urban Development Studio II: Community Design and Development ² HUD 364 Housing and Urban Development Seminar II: Community Design and Development ² HUD 403 Advanced Topics in Housing and Urban Development ² Elective ⁵ TERM SEVEN: 93-106 CREDIT HOURS CON 495 Construction Planning and Scheduling (CS) HUD 461 Housing and Urban Development Studio III: Comprehensive Housing Development Process ¹ HUD 463 Housing and Urban Development Seminar III: Comprehensive Housing Development Process ¹ | 3 3 4 4 3 2 3 3 3 2 3 3 3 2 3 3 3 2 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 302 Housing Production Process ² HUD 362 Housing and Urban Development Studio II: Community Design and Development ² HUD 364 Housing and Urban Development Seminar II: Community Design and Development ² HUD 403 Advanced Topics in Housing and Urban Development ² Elective ⁵ TERM SEVEN: 93-106 CREDIT HOURS CON 495 Construction Planning and Scheduling (CS) HUD 461 Housing and Urban Development Studio III: Comprehensive Housing Development Process ¹ HUD 463 Housing and Urban Development Seminar III: Comprehensive Housing Development Process ¹ HUD 401 Assisted Housing ¹ | 3 3 4 4 3 2 3 3 3 3 3 2 3 3 3 3 3 3 3 3 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA Maintain 3.00 minimum cumulative ASU GPA |
| Upper-division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Literacy and Critical Inquiry ⁴ (L) Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS CON 383 Construction Estimating HUD 301 Housing and Community Design and Development ¹ HUD 361 Housing and Urban Development Studio I: Residential Design and Development ¹ HUD 363 Housing and Urban Development Seminar I: Residential Design and Development ¹ REA real estate elective TERM SIX: 76-92 CREDIT HOURS CON 389 Cost Accounting and Control (CS) OR HUD 394 ST: Construction Cost Accounting and Control ² HUD 362 Housing Production Process ² HUD 364 Housing and Urban Development Studio II: Community Design and Development ² HUD 364 Housing and Urban Development Seminar II: Community Design and Development ² HUD 403 Advanced Topics in Housing and Urban Development ² Elective ⁵ TERM SEVEN: 93-106 CREDIT HOURS CON 495 Construction Planning and Scheduling (CS) HUD 461 Housing and Urban Development Studio III: Comprehensive Housing Development Process ¹ | 3 3 4 4 3 2 3 3 3 2 3 3 3 2 3 3 3 2 | | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA Maintain 3.00 minimum cumulative ASU GPA |



Major Map: Housing and Community Development – Bachelor of Science in Design (B.S.D.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|------|-------------|--------------|------------------|--|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM EIGHT: 107-120 CREDIT HOURS | | | | | |
| HUD 402 Community Revitalization: Problems and Strategies ² | 3 | \boxtimes | | Grade of C | Maintain 3.00 minimum cumulative ASU GPA |
| HUD 462 Housing and Urban Development Studio IV: Neighborhood | | | | Grade of C | |
| Revitalization Process ² | 2 | \boxtimes | | | |
| HUD 464 Housing and Urban Development Seminar IV: Neighborhood | | | | Grade of C | |
| Revitalization Process ² | 3 | \boxtimes | | | |
| PUP 452 Ethics and Theory in Planning (L) ² | 3 | | | Grade of C | |
| Elective | 3 | Ιп | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs (maximum 64) |
|---------------|----------------|--------------------------|------------------|------------------------------|--|
| (120 minimum) | (minimum 45) | (3.00 minimum for major) | (minimum 30) | Recognition (minimum 56) | |
| | | , | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6–9 credit hours)
 - o Social and Behavioral Sciences (SB) (6–9 credit hours)
 - o Natural Science-Quantitative (SQ) (4–8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - Natural Science-General (SG) (0–4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other General Studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other General Studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other General Studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

APH 213 History of Architecture I ([L or HU] & G & H) (formerly APH 313)

APH 300 World Architecture I/Western Cultures (HU & H & G)

APH 305 Contemporary Architecture (HU & H)

APH 336 20th-Century Architecture I (HU) (formerly APH 446)

DSC 101 Design Awareness (HU & G)

GRA 111 Graphic Design History I (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)

INT 412 History of Decorative Arts in Interiors (HU)

PUP 200 Planned Environment: Cities in Cinema (HU & H)

PUP 420 Theory of Urban Design (HU)

If a chosen course does not also satisfy the Global (G) requirement, student must account for this area with another course. Other Design History courses may be petitioned to satisfy this requirement.

⁴ Suggested General Studies electives:

ALA 100 Introduction to Environmental Design (HY & H & G) or PUP 100 Introduction to Environmental Design (HU & H & G)

ECN 211 Macroeconomic Principles (SB) or ECN 212 Microeconomic Principles (SB)

GPH 111 Introduction to Physical Geography (SQ)

PUP 301 Introduction to Urban Planning (L)

Most studio courses and some lecture courses are sequential, must be taken in, and may only be offered the semester noted.

MILESTONE: Housing and Community Development – during semester 2, students will apply to pass a degree milestone requirement. This is an evaluation of general academic and specific performance. Students with the best scores as competitively ranked will continue to take courses leading to the Bachelor of Science in Design degree (BSD). Students who do not pass the degree milestone should see an academic advisor if they need assistance.

¹ Course offered only in the fall semester

² Course offered only in the spring semester

³ Design History courses that also fulfill HU (prerequisites for these courses must be met; consult the ASU General Catalog):

⁵ Suggested electives: CON 472 Development Feasibility Reports (L), CON 496 Construction Contract Administration (L).

⁶ Transfer credits: evaluated by the school for applicability to this curriculum and must be equivalent in both content and level.



Major Map: Industrial Design — Bachelor of Science in Design (B.S.D.) Herberger Institute for Design and the Arts | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-----|--|--|--|
| Course Subject and Title | | Upper | Transfer | |
| (courses in bold/shading are critical) | Hrs | Division | Course/Grade Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-16 CREDIT HOURS ASU 101 The ASU Experience | 1 | | Grade of C | ASU 101 is for ASU freshman students only. |
| ENG 101 and 102 First-Year Composition OR | 3 | | Grade of C | Not required of transfer students |
| ENG 107 and 108 English for Foreign Students OR | 3 | | Glade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105 Advanced First-Year Composition | | | | determines placement into first-year |
| DSC 101 Design Awareness (HU,G) | 3 | | Grade of C | composition courses ASU Math Placement Exam score determines |
| IND 120 Drawing for Industrial Design ^{1,5} | 3 | | Grade of C | placement in mathematics course |
| MAT 170 Precalculus (MA) | 3 | | | Minimum 2.50 ASU cumulative GPA |
| Elective: | 3 | | | |
| TERM TWO: 17-32 CREDIT HOURS | | | | |
| ENG 101 and 102 First-Year Composition OR ENG 107 and 108 English for Foreign Students OR | 3 | | Grade of C | Minimum 3.00 ASU cumulative GPA MILESTONE: Industrial Design (page 2) |
| ENG 107 and 108 English for Foreign Students OK ENG 105 Advanced First-Year Composition | | | | • MILESTONE: Industrial Design (page 2) |
| IND 121 Principles for Industrial Design I ^{2,5} | 3 | | Grade of C | 7 |
| IND 122 Principles for Industrial Design II ^{2,5} | 3 | | Grade of C | 7 |
| PGS 101 Introduction to Psychology (SB) | 3 | | | 1 |
| PHY 111 General Physics and | 4 | | | 4 |
| PHY 111 General Physics and PHY 113 General Physics Laboratory (SQ) ³ | 4 | | | |
| TERM THREE: 33-47 CREDIT HOURS | | | | |
| DSC 236 Introduction to Computer Modeling ¹ (CS) | 3 | | Grade of C | Complete First-Year Composition requirement: |
| IND 227 Visual Methods for Problem Solving ¹ | 3 | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 • Complete MAT 170, PGS 101, PHY 111, PHY |
| IND 242 Materials and Design ¹ | 3 | | Grade of C | Complete MAT 170, PGS 101, PHY 111, PHY 113 |
| IND 260 Industrial Design I ¹ | 3 | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| ECN 212 Microeconomic Principles (SB) | 3 | | | |
| TERM FOUR: 48-63 CREDIT HOURS | | | | |
| IND 228 Imaging and Visualization ² | 3 | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| IND 243 Design for Ecology and Social Equity ² | 3 | | Grade of C | ╡ |
| IND 261 Industrial Design II ² | 3 | | Grade of C | ╡ |
| Natural Science – Quantitative of General (SQ/SG) | 4 | | | ╡ |
| | - | | | |
| Elective: | 3 | | | |
| TERM FIVE: 64-77 CREDIT HOURS IND 327 Presentation Graphics ¹ | 3 | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| IND 344 Human Factors in Design ¹ | 3 | | Grade of C | - Willimidin 5.00 ASO cumulative Gr A |
| IND 316 20th-Century Design I ¹ (HU, H) | 3 | | Grade of C | - |
| IND 360 Industrial Design III ¹ | 5 | | Grade of C | - |
| TERM SIX: 78-91 CREDIT HOURS | 3 | | Grade of C | |
| IND 328 Graphics for Industrial Design ² | 3 | \boxtimes | Grade of C | Minimum 3.00 ASU cumulative GPA |
| IND 361 Industrial Design IV ² | 5 | | Grade of C | |
| IND 317 20th-Century Design II ² (HU, H) | 3 | | Grade of C | ┥ |
| IND 354 Principles of Product Design ² | 3 | | Grade of C | - |
| SUMMER | , | <u> </u> | Glade of C | |
| IND 484 Internship | 2 | | Grade of Y | |
| TERM SEVEN: 92-107 CREDIT HOURS IND 460 Design Project I ¹ | 5 | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| IND 470 Professional Practice for Industrial Design (L) ¹ | 3 | | Grade of C | - Anniham 5.00 rise cumulative of ri |
| ENG 301 Writing for the Professions (L) | 3 | | Grade of C | - |
| | | | | - |
| Elective | 3 | | | |
| TERM EIGHT: 108-120 CREDIT HOURS IND 461 Design Project II ² | 5 | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| | , | | Grade of C | Minimum 5.00 ASO cumulative OFA |
| | 2 | | | |
| MKT 395 Essentials of Advertising and Marketing Communication OR approved MKT course | 3 | | | |
| MKT 395 Essentials of Advertising and Marketing Communication | 3 | | | |



Major Map: Industrial Design – Bachelor of Science in Design (B.S.D.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (3.00 minimum for major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|---|--------------------------------|--|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 & 102 OR ENG 107 & 108 or ENG 105)

Additional Notes:

Submit samples of studio work for evaluation to the Herberger Institute Office of Student Success, Design South (CDS), room 101. **Most studio and some lecture courses** are sequential, must be taken in, and may be offered only during the semester noted.

MILESTONE: Industrial Design – during semester 2, students will apply to pass a degree milestone requirement. This is an evaluation of general academic and specific performance... Students with the best scores as competitively ranked will continue to take courses leading to the Bachelor of Science in Design degree (BSD). Students that do not pass the degree milestone should see an academic advisor if they need assistance.

¹Course offered only in the fall semester

² Course offered only in the spring semester

³ Both PHY 111 and 113 must be taken to secure **SQ credit**.

⁴ Summer Internship: conducted between years 3 & 4. Do not register for the class (IND 484) until the following Fall semester.

⁵ Transfer credits: evaluated by the college for applicability to this curriculum and must be equivalent in both content and level.



Major Map: Interior Design — Bachelor of Science in Design (B.S.D.) Herberger Institute for Design and the Arts | Catalog Year: 2010–2011

| | | | Competed Tran | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|--------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1115. | Division | Course/Grade | Кецинец | Additional Critical Fracking Notes |
| ASU 101 The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. |
| ENG 101 and 102 First-Year Composition OR | 3 | | | Grade of C | Not required of transfer students |
| ENG 107 and 108 English for Foreign Students OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ENG 105 Advanced First-Year Composition INT 111 Interior Design Issues and Theories ^{1,7} (HU) | 3 | | | Grade of C | composition courses |
| INT 120 Design Drawing and Media ^{1,7} | 3 | | | Grade of C | ASÛ Math Placement Exam score determines |
| INT 121 Introduction Computer Modeling Interior Design (CS) ^{1,7} | 3 | | | Grade of C | placement in mathematics course Minimum 3.00 ASU cumulative GPA |
| Elective | 2 | | | Grade of C | Willimidii 5.00 ASO cumulative GrA |
| TERM TWO: 16-31 CREDIT HOURS | 2 | | | | |
| ENG 101 and 102 First-Year Composition OR | 3 | | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| ENG 107 and 108 English for Foreign Students OR | | | | | • MILESTONE: Interior Design (page 2) |
| ENG 105 Advanced First-Year Composition | 2 | <u> </u> | | 0 1 60 | |
| INT 123 Introduction to Computer-Aided Design of Built Environments ^{2,7} | 3 | | | Grade of C | |
| INT 131 Design and Human Behavior ^{2,7} (SB) | 3 | | | Grade of C | 1 |
| INT 221 Principles of Design ^{2,7} | 3 | | | Grade of C | 1 |
| INT 222 Principles of Design Lecture ^{2,7} | 1 | | 1 | Grade of C | 1 |
| MAT 170 Precalculus (MA) | 3 | | 1 | Grade of C | † |
| TERM THREE: 32-44 CREDIT HOURS | | | | | |
| INT 223 Drafting for Interior Design ^{1,7} | 3 | | | Grade of C | Complete First-Year Composition requirement: |
| INT 261 Interior Design Studio I: Residential ^{1,7} | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| PHY 101 Introduction to Physics (SQ) | 4 | | | Grade of C | Complete MAT 170, PHY 101 requirements Minimum 3.00 ASU cumulative GPA |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FOUR: 45-59 CREDIT HOURS | | | | | |
| ARS 102 Art from Renaissance to Present (HU, H) | 3 | | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| INT 253 Interior Materials, Finishes, and Specifications ^{2,7} | 3 | | | Grade of C | |
| INT 294 Special Topics: Interior Design Studio II: Hospitality ^{2,7} | 3 | | | Grade of C | |
| INT 341 Interior Codes: Public Welfare and Safety ^{2,4} | 2 | \boxtimes | | Grade of C | |
| Social and Behavioral Sciences (SB) with Awareness Area – Cultural | 3 | | | | |
| Diversity (C) TERM FIVE: 60-73 CREDIT HOURS | | | | | |
| INT 310 History of Interior Design I ^{1,4} (HU, H) | 3 | | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| INT 351 Ambient Environment ^{1,7} | 3 | | | Grade of C | _ |
| INT 352 Construction Methods in Interior Design ^{1,4} | 3 | | | Grade of C | - |
| INT 362 Interior Design Studio II: Hospitality and Retail ^{1,4} | 5 | | | Grade of C | _ |
| INT 381 Preinternship Seminar ^{1,4} | 1 | | | Grade of Y | _ |
| TERM SIX: 74-87 CREDIT HOURS | | _ | | | |
| INT 311 History of Interior Design II ^{2,4} (HU, H) | 3 | \boxtimes | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| INT 354 Construction Documents ^{2,4} | 3 | | | Grade of C | |
| INT 363 Interior Design Studio III: Poetics, Materiality ^{2,4} | 5 | | | Grade of C | |
| Elective | 3 | | | | |
| SUMMER: | | | | | |
| INT 484 Internship ⁶ | 2 | | | Grade of Y | |
| TERM SEVEN: 88-104 CREDIT HOURS | - | | | C 1 5C | 1 00 AGII |
| INT 464 Interior Design Studio IV: Work Environments ^{1,4} | 5 | | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| INT 471 Facilities Management ^{1,4} | 3 | | | Grade of C | _ |
| INT 415 Latin American Design | 3 | | | Grade of C | _ |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | | |
| TERM EIGHT: 105-120 CREDIT HOURS | _ | | | G I SS | NG : 200 AGV |
| INT 465 Interior Design Studio V: Institutional Design ^{2,4} | 5 | | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| INT 472 Professional Practice for Interior Design ^{2,4} | 2 | | | Grade of C | 4 |
| Upper-division Literacy and Critical Inquiry (L) | 3 | | | | 4 |
| Awareness Area – Global (G) | 3 | | | | 4 |
| Elective ⁵ | 3 | | 1 | | |



Major Map: Interior Design – Bachelor of Science in Design (B.S.D.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA (3.00 minimum required for major) | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|--|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6–9 credit hours)
 - o Social and Behavioral Sciences (SB) (6–9 credit hours)
 - o Natural Science-Quantitative (SQ) (4–8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0–4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Submit samples of studio work for evaluation to the Herberger Institute Office of Student Success, Design South (CDS), room 101. **Most studio and some lecture courses** are sequential, must be taken in, and may be offered only during the semester noted.

MILESTONE: Interior Design - during semester 2, students will apply to pass a degree milestone requirement. This is an evaluation of general academic and specific performance. Students with the best scores as competitively ranked will continue to take courses leading to the Bachelor of Science in Design degree (BSD). Students that do not pass the degree milestone should see an academic advisor if they need assistance.

¹Course offered only in the fall semester

² Course offered only in the spring semester

⁴ Pre-requisites required: check ASU Catalog for specified course prerequisites.

⁵ Suggested electives: INT 412 History of Decorative Arts in Interiors (HU) and INT 413 History of Textiles in Interior Design.

⁶ Summer Internship: conducted between years 3 and 4. Do not register for the class (INT 484) until the following fall semester.

⁷ **Transfer credits**: evaluated by the college for applicability to this curriculum and must be equivalent in both content and level.



Major Map: Landscape Architecture – Bachelor of Science in Landscape Architecture (B.S.L.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|-------------------------|---------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | HAGEC HIGHTC/CSOGE HNOIC |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM ONE: 0-16 CREDIT HOURS ASU 101 The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. |
| ENG 101 and 102 First-Year Composition OR | 3 | | | Grade of C | Not required of transfer students |
| ENG 105 Advanced First-Year Composition OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 107 and 108 English for Foreign Students ALA 100 Introduction to Environmental Design (HU,G,H) OR | 3 | | | Grade of C | determines placement into first-year composition courses |
| ALA 100 introduction to Environmental Design (110,0,11) OK ALA 102 Architecture, Landscape Architecture, and Society (HU,G) | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| ALA 121 Design Fundamentals I ^{1,4} | 3 | | | Grade of C | placement in Mathematics course Minimum 2.50 ASU cumulative GPA |
| MAT 170 Pre-Calculus (MA) | 3 | | | | |
| Social and Behavioral Sciences (SB) | 3 | | | | |
| TERM TWO: 17-32 CREDIT HOURS ENG 101 and 102 First-Year Composition OR | 3 | | | Grade of C | Minimum 2.75 ASU cumulative GPA |
| ENG 101 and 102 Prist-Teal Composition OR ENG 105 Advanced First-Year Composition OR | 3 | | | Grade of C | MILESTONE: Landscape Architecture (page) |
| ENG 107 and 108 English for Foreign Students | | | | | 2) |
| ALA 100 Introduction to Environmental Design ³ (HU,G,H) OR ALA 102 Architecture, Landscape Architecture, and Society ³ (G) | 3 | | | Grade of C | |
| ALA 122 Design Fundamentals II ^{2,4} | 3 | | | Grade of C | |
| ALA 124 Design Fundamentals II Lecture ² | 1 | | | Grade of C | |
| Elective | 3 | | | | |
| Cultural Diversity (C) | 3 | | | | |
| TERM THREE: 33-46 CREDIT HOURS ALA 225 Design Fundamentals III ^{1,3,4} | | | | | |
| | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| ALA 227 Design Fundamentals III Lecture ¹ | 1 | | | Grade of C | Complete MAT 170 |
| ALA 235 Introduction to Computer Modeling ^{1,3,4} (CS) | 3 | | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| GPH 111 Introduction to Physical Geography (SQ) | 4 | | | | |
| LPH 310 History of Landscape Architecture ^{1,3} (HU, H) | 3 | \boxtimes | | | |
| TERM FOUR: 47-60 CREDIT HOURS ALA 226 Design Fundamentals IV ^{2,3,4} | 4 | | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| ALA/LTC 240 Natural Systems ^{2,3} | 3 | | | Grade of C | Complete GPH 111 |
| LPH 311 Contemporary Landscape Architecture ^{2,3} (HU) | 3 | | | Grade of C | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | | |
| TERM FIVE: 61-74 CREDIT HOURS | 4 | | | | |
| LDE 361 Landscape Architecture I ¹ | 5 | \boxtimes | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| Literacy and Critical Inquiry (L) | 3 | | | Grade of C | |
| LTC 343 Landscape Construction I ¹ | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM SIX: 75-88 CREDIT HOURS | | | | | |
| LDE 362 Landscape Architecture II ² | 5 | \boxtimes | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| LTC 494 Special Topics: Plant Materials ² | 3 | \boxtimes | | Grade of C | |
| Upper Division Social/Behavioral Sciences (SB) | 3 | \boxtimes | | Grade of C | |
| Upper Division Design Professional Elective | 3 | \boxtimes | | Grade of C | |
| LAA 345 Professional Practice Seminar | 1 | \boxtimes | | | |
| SUMMER: 89-90 | | | | | |
| LAP 484 Internship (optional) OR LAP 485 International Field Studies in Landscape Architecture | 2 | | | Grade of C | |
| TERM SEVEN: 91-107 CREDIT HOURS | | | | | |
| LDE 461 Landscape Architecture III ¹ | 5 | | | Grade of C | Complete LAP 484: Critical Internship or LAP |
| LTC 344 Landscape Construction II ¹ | 3 | \boxtimes | | Grade of C | 485: International Field Studies in Landscape Architecture with a passing grade |
| LDE 363 Landscape Planting Design ¹ | 3 | \boxtimes | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| Upper Division Design History Elective | 3 | ⋈ | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 108-120 CREDIT HOURS | | | | | |
| LDE 462 Landscape Architecture IV ² | 5 | \boxtimes | | Grade of C | Minimum 3.00 ASU cumulative GPA |
| LPH 411 Landscape Architecture Theory and Criticism ² (L) | 3 | \boxtimes | | Grade of C | |
| LTC 446 Landscape Construction III ² | 3 | \boxtimes | | Grade of C | 7 |
| Elective | 1 | | | | |



Major Map: Landscape Architecture – Bachelor of Science in Landscape Architecture (B.S.L.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (3.00 minimum for major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|--|-------------------------------|---|--|
| | | | | · | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

- ¹ Course offered only in the Fall Semester
- ² Course offered only in the Spring Semester
- ³ Transfer credits: evaluated by the college for applicability to this curriculum and must be equivalent in both content and level.
- ⁴ Portfolio review: required for transfer studio work. Submit portfolio to the Herberger Office of Student Success, CDS 101.

Most studio and some lecture courses are sequential, must be taken in, and may be offered only during the semester noted.

MILESTONE: Landscape Architecture - during semester 2, students will apply to pass a degree milestone requirement. This is an evaluation of general academic and specific performance. Students with the best scores as competitively ranked will continue to take courses leading to the Bachelor of Science in Landscape Architecture degree (BSLA). Students that do not pass the degree milestone should see an academic advisor if they need assistance.



Major Map: Music - Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

| Conversion and Fall And Section AT Fall Conversion (Conversion Response) TREND ONES - OF CREDIT HOURS MEP 113 Installe Instruction AUX 115 Standard Conversion (Conversion Response) AUX 115 College Mathematics (CONVERSION CONVERSION RESPONSE) AUX 115 College Mathematics (CONVERSION CONVERSION C | | | | Competed Tran | ısfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|---|-------|----------------|---------------|----------------------------------|--|
| MID 194 The SE Isola of Mines Experience | | Hre | | Transfer | | |
| MUP 114 soft ASI School of Mines Experience | | 1113. | Division | Course/Grade | William Grade ii Required | Additional Critical Requirement Potes |
| MUP 11 Studie Instruction MUP 37 (Ensemble) MUP 37 (Ensemble) MUP 37 (Ensemble) MUP 38 (Ensemble) MUP 101 Clastes A Composition or ENG 107 or 108 English for Prorige Students MUP 101 Clastes (Ensemble) MUP 101 Clastes (Ensemble) MUP 101 Clastes (Ensemble) MUP 102 Clastes (Ensemble) MUP 103 Clastes (Ensemble) MUP 103 Clastes (Ensemble) MUP 104 Clastes (Ensemble) MUP 105 Clastes (Ensemble) MUP 105 Clastes (Ensemble) MUP 105 Clastes (Ensemble) MUP 106 Clastes (Ensemble) MUP 107 Clastes (Ensemble) MUP 108 Ensemble) MUP 108 Ensemble (Ensemble) MUP 108 Ensemble) MUP 109 Clastes (Ensemble) MUP 100 Clastes (Ensemble) MUP 10 | | 1 | | | | MUP 194 is for ASU freshman students |
| MIC 23 Raise Music Theory* MIC 33 (Enced of C) MIC 31 (Lists Paris) MIC 32 (Massing Machiner) MIC 34 (Massing Machiner) MIC 35 (Massing Machiner) MIC 36 (Massing Machiner) MIC 36 (Massing Machiner) MIC 37 (Massing Machiner) MIC 38 (Massing | • | 2 | | | Grade of C | |
| MUP 131 Class Paro! Social & Grade of C Why 131 Class Paro! Social & Grade of C Social & Social & Grade of C Social & | | | | | | |
| MUP 13 Class Panel Seed of C Complete one senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance with a grade of "pass" students must complete as a senseter of concert attendance | · · | | | | | |
| BOR 10 of 102 First-Year Composition or BOR 103 First-Year Composition or BOR 103 of 108 English for Proving Students MAT 142 College Mathematics (MA) MIP 100 Concert Attendance MAT 142 College Mathematics (MA) Social Real College Mathematics | <u>.</u> | 1 | | | | |
| ENG 107 at 108 English for Feetings Students Studen | | | | | Grade of C | 1 |
| EMC 107 of 108 English for Posegn Students 3 | | _ | _ | | | |
| MAT 142 College Mathematics (MA) Social & Behavioral Science (SB) AND Cultural Diversity in the US College Mathematics (MA) Social & Behavioral Science (SB) AND Cultural Diversity in the US College Mathematics (MA) Social & Behavioral Science (SB) AND Cultural Diversity in the US College Mathematics (MA) Social & Behavioral Science (SB) AND Cultural Diversity in the US College Mathematics (MA) Social & College Mathematics (MA) Social | ENG 107 or 108 English for Foreign Students | 3 | _ | | Grade of C | attendance with a grade of "pass" - students |
| MAT 142 College Malbenatics (MA) 3 | MUP 100 Concert Attendance | 0 | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | MAT 142 College Mathematics (MA) | 3 | | | | |
| Complete one semester of concert students as Culture | | | | | | Students must complete MAT 142 or higher |
| MPL 11 Studio Instruction | | 3 | | | | by end of term 2 |
| MUP 113 Studio Instruction Canada of C | TERM TWO: 18-34 CREDIT HOURS | | | | | |
| must complete six semesters frade of C complete first-Year Composition ENG 101 or 102 First-Year Composition ENG 107 or 108 English for Foreign Students MUP 100 Concert Attendance MUP 101 Studio Instruction MUP 222 Music Theory: 20 th Century¹ MUP 101 Studio Instruction MUP 232 (Lass Piano¹ MUP 100 Concert Attendance MUP 344 (Easenble) MUP 345 (Easenble) MUP 345 (Easenble) MUP 345 (Easenble) MUP 346 (Easenble) MUP 346 (Easenble) MUP 347 (Easenble) MUP 348 (Easenble) MUP 349 (Easenble) MUP 349 (Easenble) MUP 349 (Easenble) MUP 340 (Easenble) MUP 34 | | | | | | Complete one semester of concert attendance with a grade of "pass" – students. |
| MIC 221 Masic Theory: 18th Century 2 | | | | | | |
| MUP 132 Class Piano' Complete Math requirement by the end of term 2 | | 3 | | | | Complete First-Year Composition |
| MUP 100 Concert Attendance Second Language 101 | MUP 3** (Ensemble) | 1 | | | Grade of C | |
| ENG 10 of 102 First-Year Composition ENG 107 or 108 English for Foreign Students 3 | | 1 | | | Grade of C | |
| ENG 107 or 108 English for Foreign Students MUP 100 Concert Attendance | | | | | | |
| MUP 100 Concert Attendance Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) On Historical Awareness (H) TERM THIREE: 35-9 CREDIT HOURS MTC 222 Music Theory: 19th Century MUP 31st (Ensemble) 1 | | 3 | | | Grade of C | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) 3 Grade of C | | | | | | |
| Complete one semester of concert Second Language Second Lang | | 0 | | | | |
| MTC 222 Music Theory: 19th Century¹ 3 | | 3 | | | | |
| MUP 111 Studio Instruction | TERM THREE: 35-49 CREDIT HOURS | | | | | |
| MUP 111 Studio Instruction MUP 231 Class Piano¹ MUP 100 Concert Attendance Natural Science Quantitative (SQ) or General (SG) MUP 111 Studio Instruction MUP 231 Class Piano¹ Natural Science Quantitative (SQ) or General (SG) MUP 111 Studio Instruction MUP 112 Studio Instruction MUP 113 Studio Instruction MUP 111 Studio Instruction MUP 111 Studio Instruction MUP 111 Studio Instruction MUP 111 Studio Instruction MUP 110 Concert Attendance MUP 123 Class Piano² Natural Science Quantitative (SQ) or or if already completed can take Natural Science General (SG) MUP 132 Class Piano² Natural Science Quantitative (SQ) or or if already completed can take Natural Science General (SG) MIC 23 Music History¹ Natural Science Quantitative (SQ) or or if already completed can take Natural Science General (SG) MIC 321 Tonal Counterpoint² NIC 320 Tonal Counterpoint or Complete MUP 231 by end of term 5 NIC 320 Tonal Counterpoint is required. Choose from MIC 320 or MIC 321. Complete MUP 231 by end of term 5 NIC 320 Tonal Counterpoint is required. Choose from MIC 320 or MIC 321. Complete MUP 231 by end of term 5 | MTC 222 Music Theory: 19th Century ¹ | 3 | | | Grade of C | |
| MUP 231 Class Piano¹ MUP 100 Concert Attendance Second Language 101 Autural Science Quantitative (SQ) or General (SG) MUP 111 Studio Instruction MUP 100 Concert Attendance MUP 100 Concert Atte | MUP 111 Studio Instruction | 2 | | | Grade of C | |
| MUP 231 Class Piano | MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | |
| Second Language 101 Second Language 101 A | | 1 | | | Grade of C | requirement by the end of term 3 |
| Second Language 101 4 | MUP 100 Concert Attendance | 0 | | | | |
| Natural Science Quantitative (SQ) or General (SG) TERM FOUR: 50-64 CREDIT HOURS MTC 223 Music Theory: 20th Century MUP 111 Studio Instruction MUP 3** (Ensemble) MUP 100 Concert Attendance MUP 232 Class Piano² Second Language 101 Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) MIL: 341 Music History¹ MIL: 341 Music History¹ MIL: 341 Music History¹ MUP 100 Concert Attendance MID: 320 Modal Counterpoint¹ or MIC: 320 Modal Counterpoint² Computer Statistics/Quantitative applications (CS) (MHL: 201 recommended) Computer/Statistics/Quantitative applications (CS) (MHL: 201 recommended) Second Language 201 or MIC: 320 Modal Counterpoint² Computer Statistics/Quantitative applications (CS) (MHL: 201 recommended) Second Language 201 or **It is recommended for Second Language 101 and 102 to be completed by the end of term 4 **Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters **Complete MUP 132 by end of term 4 **Complete MUP 132 by end of term 4 **Complete MUP 132 by end of term 4 **Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters **Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters **Complete Outperpoint** **Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters **Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters **Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters **Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters **Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters **Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters **Complete one semester of concer | | | | | | |
| Natural Science Quantitative (SQ) or General (SG) ### FOUR: 50-64 CREDIT HOURS ### FOUR: 50-64 CREDIT HOURS #### FOUR: 50-64 CREDIT HOURS #### FOUR: 50-64 CREDIT HOURS ################################### | Second Language 101 | - | | | | |
| MTC 223 Music Theory: 20 th Century ² 3 | N (10 : 0 (i) i (00) (0 1(00) | | | | | |
| MUP 111 Studio Instruction MUP 111 Studio Instruction MUP 3** (Ensemble) MUP 100 Concert Attendance MUP 232 Class Piano² Second Language 102 Natural Science Quantitative (SQ) − or if already completed can take Natural Science General (SG) MHL 341 Music History¹ MTC 321 Tonal Counterpoint² or MUP 100 Concert Attendance MUP 100 Concert Attendance MUP 100 Concert Attendance MUP 232 Class Piano² Second Language 102 Natural Science Quantitative (SQ) − or if already completed can take Natural Science General (SG) MHL 341 Music History¹ MTC 321 Tonal Counterpoint² or MUP 100 Concert Attendance Second Language 201 and 202 by the end of term 5 I semester of Concert of Complete by the end of term 5 I semester of Concert of Complete by the end of term 6 Complete MUP 132 by end of term 5 Complete Second Language 201 or Complete MUP 231 by end of term 5 Second Language 201 or Complete MUP 231 by end of term 5 Second Language 201 or Complete by the end of term 6 | | 4 | | | | term 4 |
| MUP 118 Studio Instruction MUP 3** (Ensemble) 1 | | 2 | | | 0 1 60 | Complete one semester of concert |
| MUP 3** (Ensemble) MUP 100 Concert Attendance MUP 232 Class Piano² Second Language 102 Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) MHL 341 Music History¹ MTC 320 Modal Counterpoint¹ or MTC 321 Tonal Counterpoint² Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or MUP 100 Concert Attendance Literacy and Critical Inquiry (L) Second Language 201 or MUP 3** (Ensemble) Grade of C It is recommended or Second Language 101 and 102 to be completed by the end of term 4 Complete MUP 132 by end of term 4 Complete MUP 132 by end of term 4 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters or Complete Second Language 201 and 202 by the end of term 6 Complete MUP 231 by end of term 5 1 Second Language 201 or Trend FIVE: 65-79 CREDIT HOURS Complete Suc Selnesters Complete MUP 132 by end of term 4 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters or Complete Second Language 201 and 202 by the end of term 6 Complete Suc Second Language 201 and 202 by the end of term 5 1 semester of Counterpoint is required. Choose from MTC 320 or MTC 321. Complete by the end of term 6 | · | | | | | |
| MUP 100 Concert Attendance MUP 232 Class Piano² Second Language 102 Natural Science Quantitative (SQ) – or if already completed can take Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) TERM FIVE: 65-79 CREDIT HOURS MHL 341 Music History¹ 3 | | | | 1 | | must complete six semesters |
| MUP 232 Class Piano ² Second Language 102 Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) MHL 341 Music History ¹ MTC 320 Modal Counterpoint ¹ or MTC 321 Tonal Counterpoint ² MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or MTC 320 Tonal Counterpoint or MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 complete MUP 231 by end of term 5 1 complete MUP 132 by end of term 4 Complete MUP 132 by end of term 4 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters Complete Second Language 201 and 202 by the end of term 6 Complete MUP 231 by end of term 5 1 semester of counterpoint is required. Choose from MTC 320 or MTC 321. Complete by the end of term 6 | , , , , , , , , , , , , , , , , , , , | | | - | Grade of C | |
| MUP 232 Class Piano² Second Language 102 Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) TERM FIVE: 65-79 CREDIT HOURS MHL 341 Music History¹ MTC 320 Modal Counterpoint¹ or MTC 321 Tonal Counterpoint² MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or Grade of C Complete MUP 132 by end of term 4 Complete MUP 132 by end of term 4 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters Complete Second Language 201 and 202 by the end of term 6 Complete MUP 231 by end of term 5 1 semester of concert attendance of term 6 Complete MUP 231 by end of term 5 1 semester of concert attendance of term 5 Complete MUP 231 by end of term 6 | | 0 | | | | |
| Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) TERM FIVE: 65-79 CREDIT HOURS MHL 341 Music History¹ MTC 320 Modal Counterpoint¹ or MTC 321 Tonal Counterpoint² MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or Second Language 201 or A Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters Complete six semesters Complete Second Language 201 and 202 by the end of term 6 Complete MUP 231 by end of term 5 1 semester of Counterpoint is required. Choose from MTC 320 or MTC 321. Complete by the end of term 6 | | 1 | | | Grade of C | |
| Natural Science General (SG) TERM FIVE: 65-79 CREDIT HOURS MHL 341 Music History MTC 320 Modal Counterpoint or MTC 321 Tonal Counterpoint 2 MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or A Grade of C Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters Complete Second Language 201 and 202 by the end of term 6 Complete Second Language 201 and 202 by the end of term 5 1 semester of Counterpoint is required. Choose from MTC 320 or MTC 321. Complete by the end of term 6 | | 4 | | | | |
| MHL 341 Music History¹ MHC 320 Modal Counterpoint¹ or MTC 321 Tonal Counterpoint² MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or MHL 341 Music History¹ 3 | | 1 | | | | |
| MHL 341 Music History¹ MTC 320 Modal Counterpoint¹ or MTC 321 Tonal Counterpoint² MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or MHL 341 Music History¹ Grade of C Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters Complete Second Language 201 and 202 by the end of term 6 Complete MUP 231 by end of term 5 1 semester of Counterpoint is required. Choose from MTC 320 or MTC 321. Complete MTC 320 or MTC 321. Complete by the end of term 6 | | 4 | | | | |
| MTC 320 Modal Counterpoint¹ or MTC 321 Tonal Counterpoint² 2 □ □ Grade of C MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or attendance with a grade of "pass" – students must complete six semesters Complete Second Language 201 and 202 by the end of term 6 Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) 1 semester of Counterpoint is required. Choose from MTC 320 or MTC 321. Complete by the end of term 6 | | 2 | M | | Grade of C | Complete one semester of concert |
| MTC 321 Tonal Counterpoint ² MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or Grade of C Grade of C Grade of C Complete Six semesters Complete MUP 231 by end of term 5 1 semester of Counterpoint is required. Choose from MTC 320 or MTC 321. Complete by the end of term 6 | | 3 | | + | Graue or C | attendance with a grade of "pass" - students |
| MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or by the end of term 6 Complete MUP 231 by end of term 5 1 semester of Counterpoint is required. Choose from MTC 320 or MTC 321. Complete by the end of term 6 | | 2 | \boxtimes | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) (MHL 201 recommended) Literacy and Critical Inquiry (L) Second Language 201 or Computer MUP 231 by end of term 5 1 semester of Counterpoint is required. Choose from MTC 320 or MTC 321. Complete by the end of term 6 | | 0 | | | | |
| Literacy and Critical Inquiry (L) Second Language 201 or Choose from MTC 321. Complete by the end of term 6 | | _ | | | | Complete MUP 231 by end of term 5 |
| Second Language 201 or Complete by the end of term 6 | • | | | | | |
| | | 3 | □ | - | | |
| | | 4 | | | | complete by the end of term o |



| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|--|
| TERM SIX: 80-94 CREDIT HOURS | | | | | |
| MHL 342 Music History II ² | 3 | | | Grade of C | Complete one semester of concert attendance |
| MTC 320 Modal Counterpoint ¹ or MTC 321 Tonal Counterpoint ² | (2) | | | Grade of C | with a grade of "pass" – students must complete six semesters • Complete Second Language 201 and 202 by the |
| MUP 100 Concert Attendance | 0 | | | | end of term 6 |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | Complete MUP 232 by end of term 6 I semester of Counterpoint is required. Choose |
| Upper division Literacy and Critical Inquiry (L) (Recommend MHL course with Literacy designation) | 3 | | | | from MTC 320 or MTC 321. Complete by the end of term 6 |
| Second Language 202 or General Elective | 4 | | | | |
| TERM SEVEN: 95-108 CREDIT HOURS | | | | | |
| MTC 422 Musical Acoustics | 3 | \boxtimes | | | |
| Upper division MHL or MTC Elective | 3 | \boxtimes | | | |
| Upper division MHL or MTC Elective | 3 | \boxtimes | | | |
| Upper division Elective | 2 | \boxtimes | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM EIGHT: 109-120 CREDIT HOURS | | | | | |
| MHL 3** or 4** History (Not required if you took upper division MHL course with Literacy designation in term 6) | 0-3 | | | | Complete one semester of concert attendance with a grade of "pass" – if six semesters not |
| Upper division MHL or MTC Elective | 3 | \boxtimes | | | completed |
| Upper division MHL or MTC Elective | 3 | \boxtimes | | | |
| Upper division Elective | 3 | \boxtimes | | | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College |
|-------------------|--------------|----------------|------------------|------------------------------|---------------------|
| | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

- ¹ Course offered fall semester only.
- ² Course offered spring semester only.



Major Map: Music Education (Choral-General) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

| | | | Competed Trai | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|-------------------|--------------------------|-------------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-17 CREDIT HOURS | HIS. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| ASU 101 The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only | |
| MHL 140 Music as Culture (HU, G) | 3 | | | Grade of C | Not required of transfer students | |
| MUP 111 Studio Instruction | 2 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | |
| MTC 125 Basic Music Theory ¹ | 3 | | | Grade of C | composition courses | |
| MUP 131 Class Piano ¹ or MUP 133 Class Voice ¹ | 1 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must complete | |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | six semesters Complete First-Year Composition requirement by the end of term 3 | |
| MUP 100 Concert Attendance | 0 | | | | Students must complete MAT 142 or higher by | |
| MAT 142 College Mathematics (MA) | 3 | | | Grade of C | the end of term 2 | |
| TERM TWO: 18-35 CREDIT HOURS | | | | Sinde of C | | |
| MUE 110 Introduction to Music Education | 1 | | | Grade of C | Complete one semester of concert attendance | |
| MUP 111 Studio Instruction | 2 | | | Grade of C | with a grade of "pass" – students must complete six semesters | |
| MUP 132 Class Piano ² or MUP 134 Class Voice ² | 1 | | | Grade of C | Complete First-Year Composition requirement by the end of term 3 | |
| MTC 221 Music Theory: 18th Century ² | 3 | | | Grade of C | Students must complete MAT 142 or higher by | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | the end of term 2 | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | Grade of C | | |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | | |
| MUP 100 Concert Attendance | 0 | | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | | |
| TERM THREE: 36-53 CREDIT HOURS | | | | | | |
| MHL 341 Music History I ¹ | 3 | \boxtimes | | Grade of C | Complete one semester of concert attendance it a semidance of "and a semidance of the semidance of | |
| MUE 161 Introduction to Music Therapy | 2 | | | Grade of C | with a grade of "pass" – students must complete six semesters | |
| MTC 222 Music Theory: 19th Century ¹ | 3 | | | Grade of C | Complete First-Year Composition requirement | |
| MUP 111 Studio Instruction | 2 | | | Grade of C | by the end of term 3 • MILESTONE – All Music Education students | |
| MUP 231:Class Piano ¹ or MUP 233 Class Voice ¹ | 1 | | | Grade of C | must audition with Music Education faculty | |
| MUP 3** (Ensemble) | 1 | | | Grade of C | during this term | |
| MUP 100 Concert Attendance | 0 | | | | 1 | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H); | | | | | | |
| Recommended: POS 110 or HST 109 | 3 | | | | | |
| TERM FOUR: 54-71 CREDIT HOURS | | | | | | |
| MHL 342 Music History II ² | 3 | | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must complete | |
| MTC 223 Music Theory: 20 th Century ² | 3 | | | Grade of C | six semesters | |
| MUP 111 Studio Instruction | 2 | | | Grade of C | MILESTONE: All music education students must space of the complete the milestone for the | |
| MUP 209 Beginning Choral Conducting MUP 232 Class Piano ² or | 1 | | | Grade of C | must successfully complete the milestone for the Professional Teacher Preparation Program | |
| MUP 232 Class Plano or MUP 234 Class Voice ² | 1 | | | Grade of C | (PTPP) this term | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | POS 110 or HST 109 recommended to comple state teacher certification requirement, or spea | |
| MUP 100 Concert Attendance | 0 | | | | state teacher certification requirement, or speak with advisor about other options. | |
| MHL 201 Mac Literacy for Musicians (CS) | 3 | | | Grade of C |] | |
| Natural Science Quantitative (SQ) - if already completed take Natural Science General (SG) | 4 | | | Grade of C | | |



Major Map: Music Education (Choral-General) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---|
| TERM FIVE: 72-86 CREDIT HOURS | | | | | |
| Literacy & Critical Inquiry (L) | 3 | | | | Complete one semester of concert attendance |
| MUE 315 General Music in Secondary Schools | 2 | Ø | | Grade of B | with a grade of "pass" – students must complete |
| MUP 301 Advanced Class Piano ¹ or | | | | | six semesters |
| MUP 321 Studio Instruction ¹ | 1 | \boxtimes | | Grade of C | |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | |
| MUP 339 Choral Conducting | 2 | \boxtimes | | Grade of C | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | |
| SED 396 Field Experience I | 1 | \boxtimes | | Grade of C | |
| MUP 100 Concert Attendance | 0 | | | | |
| TEL 315 Child & Adolescent Development (L or SB) | 3 | | | Grade of C | |
| TERM SIX: 87-101CREDIT HOURS | | | | | |
| MUE 480 Choral Methods | 4 | \boxtimes | | Grade of B | Complete one semester of concert attendance |
| MUP 100 Concert Attendance | 0 | | | | with a grade of "pass" – students must complete six semesters |
| MUP 302 Advanced Class Piano ² or | | | | | POS 110 or HST 109 recommended to complete |
| MUP 321 Studio Instruction | 1 | | | Grade of C | state teacher certification requirement, or speak |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | with advisor about other options. |
| MUP 3** (Ensemble) | 1 | | | Grade of C | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | | |
| (C), Global Awareness (G) OR Historical Awareness (H) Recommended: POS 110 or HST 109 | 3 | | | | |
| SED 397 Field Experience II | 1 | | | | |
| • | 3 | | | 0 1 60 | |
| BLE 220 Foundations of Structured English Immersion | 3 | | | Grade of C | |
| TERM SEVEN: 102-116 CREDIT HOURS | 2 | ⊠ | | 0 1 60 | |
| BLE 407 SEI for Secondary Students | 3 | | | Grade of C | |
| MUE 313 Elementary Music Methods | | | | Grade of B | _ |
| MUP 311 Studio Instruction | 2 | | | Grade of C | _ |
| MUP 3** (Ensemble) | 1 | | | Grade of C | _ |
| SED 496 Field Experience III | 1 | | | | _ |
| MUP 3** (Ensemble) | 1 | | - | Grade of C | |
| MUP 495 Performance | 0 | | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB); Recommend POS 417 | 3 | | | | |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 3 | | | | |
| TERM EIGHT: 117-130 CREDIT HOURS | 2 | M | | Condo of C | Take the AEPA Test in Semester 8 (necessary for |
| MUP 311 Studio Instruction | 2 | | | Grade of C | teacher certification). |
| | | | | | Students needing full-time registration may |
| SED 478 Student Teaching in Secondary Schools | 10 | \boxtimes | | | register for 12 hours of student teaching. |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | ASU Cumulative GPA (2.00 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|----------------------------------|--------------------------------------|---|---------------------------|------------------------------|---|
| | | | (50 minimum) | | | maximumy |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

- ¹ Course offered fall semester only.
- ² Course offered spring semester only.



Major Map: Music Education (Instrumental) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

| | | | | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------------|--------------------------|---------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-18 CREDIT HOURS | | | | | |
| ASU 101 The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only |
| MTC 125 Basic Music Theory ¹ | 3 | | | Grade of C | Not required of transfer students |
| MUP 111 Studio Instruction | 2 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| MUP 361 Marching Band and Concert Bands | 1 | | | Grade of C | composition courses |
| MUE Methods Class | 1 | | | Grade of C | ASU Math Placement Exam score determines |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters |
| MUP 100 Concert Attendance | 0 | | | | Complete First-Year Composition requirement |
| MUP 131 Class Piano ¹ | 1 | | | Grade of C | by the end of term 3 |
| | | | | | Students must complete MAT 142 or higher by the end of term 2 |
| MAT 142 College Mathematics (MA) | 3 | | | Grade of C | Methods Class: see Additional Notes |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H); Recommended: POS 110 or HST 109 | 3 | | | | POS 110 or HST 109 recommended to complete state teacher certification requirement, or speak with advisor about other options. |
| TERM TWO: 19-35 CREDIT HOURS | | | | | |
| MHL 140 Music as Culture (HU & G) | 3 | | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must complete |
| MTC 221 Music Theory: 18 th Century ² | 3 | | | Grade of C | six semesters |
| MUE 110 Introduction to Music Education | 1 | | | Grade of C | Complete First-Year Composition requirement |
| MUP 111 Studio Instruction | 2 | | | Grade of C | by the end of term 3 Students must complete MAT 142 or higher by |
| MUP 3** (Ensemble) | 1 | | | Grade of C | the end of term 2 |
| MUP 3** (Ensemble) | 1 | | | Grade of C | Methods Class: see Additional Notes |
| MUE Methods Class | 1 | | | Grade of C | 1 |
| MUE Methods Class | 1 | ⊠ | | Grade of C | |
| MUP 100 Concert Attendance | 0 | | | | |
| MUP 132 Class Piano ² | 1 | | | Grade of C | |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 36-53 CREDIT HOURS | | _ | | | |
| MHL 341 Music History ¹ | 3 | \boxtimes | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must complete |
| MTC 222 Music Theory: 19th Century ¹ | 3 | | | Grade of C | six semesters |
| MUP 111 Studio Instruction | 2 | | | Grade of C | Complete First-Year Composition requirement |
| MUE Methods Class | 1 | | | Grade of C | by the end of term 3 |
| MUP 361 Marching Band and Concert Bands | 1 | | | Grade of C | Methods Class: see Additional Notes MILESTONE –All music education students |
| MUP 133 Class Voice | 1 | | | Grade of C | must audition with music education faculty |
| MUP 100 Concert Attendance | 0 | | | | during term 3 |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | Grade of C | MUP 131 by end of term 3 |
| MHL 201 Mac Literacy for Musicians (CS) | 3 | | | Grade of C | |
| TERM FOUR: 54-70 CREDIT HOURS | | | | · | · |
| MHL 342 Music History ² | 3 | \boxtimes | | Grade of C | Methods Class: see Additional Notes |
| MTC 223 Music Theory: 20 th Century ² | 3 | | | Grade of C | Complete one semester of concert attendance with a grade of "page" students must complete |
| MUP 111 Studio Instruction | 2 | | | Grade of C | with a grade of "pass" – students must complete six semesters |
| MUP 379 Chamber Music Ensemble | 1 | | | Grade of C | MILESTONE: All music education students must successfully complete the milestone for the Professional Teacher Preparation Program (PTPP) this term MUP 132 must be completed by end of term 4 |
| MUP 3** (Ensemble) | 1 | | | Grade of C | |
| MUE Methods Class | 1 | | | Grade of C | |
| MUE Methods Class | 1 | | | Grade of C | |
| MUE Methods Class | 1 | | | Grade of C | Prior to taking MUE 481, students must have |
| MUP 100 Concert Attendance | 0 | | | | taken one brass, woodwind, percussion, and a string methods course; See additional notes |
| Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) | 4 | | | | below. |



Major Map: Music Education (Instrumental) -**Bachelor of Music (B.Mus.)**

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
|--|------|-------------------|--------------------------|------------------------------|---|--|
| TERM FIVE: 71-87 CREDIT HOURS | | | | | | |
| MUE 161 Introduction to Music Therapy | 2 | | | Grade of C | Complete 12 hours of upper division coursework | |
| MUE 481 Instrumental Music Practicum/Methods (pre-requisite for | | _ | | | by end of term 5 • Prior to taking MUE 481, students must have | |
| MUE 482) | 4 | | | Grade of B | taken one brass, woodwind, percussion, and a | |
| MUP 210 Beginning Instrumental Conducting ¹ | 1 | | | Grade of C | string methods course; See additional notes | |
| MUP 311 Studio Instruction | 2 | | | Grade of C | below. | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | | |
| SED 396 Field Experience I | 1 | \boxtimes | | Grade of C | | |
| MUP 100 Concert Attendance | 0 | | | | | |
| TEL 315 Child and Adolescent Development (L) | 3 | | | Grade of C | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | Grade of C | | |
| TERM SIX: 88-103 CREDIT HOURS | | | _ | | | |
| BLE 220 Foundations of Structured English Immersion | 3 | | | Grade of C | Complete one semester of concert attendance | |
| MUE 482 Instrumental Practicum/Methods | 4 | \boxtimes | | Grade of B | with a grade of "pass" – students must complete six semesters | |
| MUP 100 Concert Attendance | 0 | | | | SIA SCHICSTORS | |
| MUP 340 Instrumental Conducting | 2 | \boxtimes | | Grade of C | | |
| MUP 311 Studio Instruction | 2 | | | Grade of C | | |
| MUP 3** (Ensemble) | 1 | | | Grade of C | | |
| SED 397 Field Experience II | 1 | | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | | |
| TERM SEVEN: 104-121 CREDIT HOURS | | | | | | |
| BLE 407 SEI for Secondary Students | 3 | \boxtimes | | | POS 110 or HST 109 recommended to complete | |
| Literacy & Critical Inquiry (L) | 3 | | | | state teacher certification requirement, or speak | |
| MUP 311 Studio Instruction | 2 | | | Grade of C | with advisor about other options. | |
| MUP 3** (Ensemble) | 1 | | | Grade of C | | |
| MUP 495 Performance | 0 | | | | | |
| SED 496 Field Experience III | 1 | ⊠ | | | | |
| MUE 315 General Music in Secondary Schools | 2 | ⊠ | | Grade of B | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H); | | | | | | |
| Recommended: POS 110 or HST 109 Upper division Humanities, Fine Arts & Design (HU) or | 3 | | - | + | - | |
| Social Behavioral & Science (SB); Recommended: POS 417 | 3 | | | | | |
| TERM EIGHT: 122-135 CREDIT HOURS | | | | | <u></u> | |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | Take the AEPA Test in Semester 8 (necessary for | |
| MOL 311 Studio Historion | 2 | | | Grade of C | teacher certification). Students needing full-time registration may register for 12 hours of student teaching. | |
| SED 478 Student Teaching in Secondary Schools | 9 | \boxtimes | | | register for 12 nours of student teaching. | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | ASU Cumulative GPA (2.00 minimum) | Hrs Resident Credit for Academic Recognition | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 |
|---------------------------|----------------------------------|-----------------------------------|---|---------------------------|------------------------------|---------------------------------|
| ! | | | (56 minimum) | | | maximum) |
| | | | | | | |
| | | | (36 minimum) | | | - 11 |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0 Social and Behavioral Sciences (SB)
 - 0 Natural Science-Quantitative (SQ)
 - 0
 - 0 Natural Science-General (SG) General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

Page 2 of 2

- ¹ Course offered fall semester only.
- ² Course offered spring semester only.

Students must complete the following Methods Courses:

MUE 317: Educational Methods for Violin and Viola, or

MUE 318: Educational Methods for Cello and String Bass;

MUE 327: Educational Methods for Trumpet and Horn, or

MUE 328: Educational Methods for Trombone, Euphonium, and Tuba;

MUE 336: Educational Methods for Percussion;

MUE 337: Educational Methods for Flute, Clarinet or Saxophone or

MUE 338: Educational Methods for Double Reed Instruments



Major Map: Music Therapy - Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|--|-------------|---------------|---|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-16 CREDIT HOURS | | | | | MUP 194 is for ASU freshman students only; |
| MUP 194 The ASU School of Music Experience | 1 | | | 0 1 00 | Not required of transfer students |
| MUE 161 Introduction to Music Therapy | 2 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| MUP 111 Studio Instruction | 2 | | | Grade of C | determines placement into first-year |
| MUP 3** (Ensemble) | 1 | | | Grade of C | composition courses ASU Math Placement Exam score determines |
| MUP 100 Concert Attendance | 0 | | | | placement in Mathematics course |
| MUP 131 Class Piano ¹ | 1 | | | Grade of C | Complete one semester of concert attendance |
| MTC 125 Basic Music Theory ¹ | 3 | | | Grade of C | with a grade of "pass" – students must complete six semesters |
| ENG 101 or 102 First-Year Composition or | | | | | Complete First-Year Composition requirement |
| ENG 105 Advanced First-Year Composition or ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | by the end of term 3 |
| MAT 142 College Mathematics (MA) or | , | | | Grade of C | MUE 335 Educational Methods for Guitar |
| MAT 119 Finite Mathematics (MA) | 3 | | | Grade of C | completed by the end of term 3 |
| TERM TWO: 17-34 CREDIT HOURS | | | | | |
| MUP 111 Studio Instruction | 2 | | | Grade of C | Complete one semester of concert attendance |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | with a grade of "pass" – students must complete six semesters |
| MHL 140 Music as Culture | 3 | | | Grade of C | Complete First-Year Composition requirement |
| PGS 101 Introduction to Psychology (SB) | 3 | | | Grade of C | by the end of term 3 |
| MTC 221 Music Theory: 18 th Century ² | 3 | | | Grade of C | Complete PGS 101 in term 2 - required for |
| MUE 436 Percussion for Music Therapy ² | 1 | \boxtimes | | Grade of C | music therapy certification |
| MUP 100 Concert Attendance | 0 | | | | |
| MUP 132 Class Piano ² | 1 | | | Grade of C | |
| ENG 101 or 102 First-Year Composition or | | _ | | | |
| ENG 105 Advanced First-Year Composition or | | _ | | | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 35-52 CREDIT HOURS | | | | | |
| MHL 341 Music History I ¹ | 3 | \square | | Grade of C | Complete First-Year Composition requirement by the end of term 3 |
| MUE 211 Music in Recreation ¹ | 2 | | | Grade of C | Complete one semester of concert attendance |
| MUE 261 Music Therapy as Behavioral Science ¹ | 2 | | | Grade of C | with a grade of "pass" - students must complete |
| MUP 111 Studio Instruction | 2 | | | Grade of C | six semesters Complete SOC 101 in term 3 - required for |
| MUP 209 Beginning Choral Conducting or MUP 210 Beginning Instrumental Conducting ¹ | 1 | | | Grade of C | music therapy certification |
| MUP 3** (Ensemble) | 1 | | | Grade or C | MUE 335 Educational Methods for Guitar |
| | 1 | | | | completed by the end of semester 3 |
| MUP 100 Concert Attendance | | | | | |
| | 0 | | | | MTC 125 completed by the end of term 3 |
| MUP 231 Class Piano ¹ | 1 | | | Grade of C | |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ | 1 3 | | | Grade of C Grade of C | MTC 125 completed by the end of term 3 |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) | 1 | | | | MTC 125 completed by the end of term 3 |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS | 1 3 3 | | | Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² | 3 3 | | | Grade of C | MTC 125 completed by the end of term 3 |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² MUP 111 Studio Instruction | 1 3 3 | | | Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² MUP 111 Studio Instruction MUP 209 Beginning Choral Conducting or | 3 3 | | | Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters MTC 221 completed by the end of term 4 |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² MUP 111 Studio Instruction | 3 3 | | | Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters MTC 221 completed by the end of term 4 MUP 132 completed by the end of term 4 |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² MUP 111 Studio Instruction MUP 209 Beginning Choral Conducting or MUP 210 Beginning Instrumental Conducting (If you did not complete in term 3) MUP 3** (Ensemble) | 1 3 3 2 | | | Grade of C Grade of C Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters MTC 221 completed by the end of term 4 |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² MUP 111 Studio Instruction MUP 209 Beginning Choral Conducting or MUP 210 Beginning Instrumental Conducting (If you did not complete in term 3) MUP 3** (Ensemble) PSY 230 Introduction to Statistics (CS) or | 1 3 3 2 (1) | | | Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters MTC 221 completed by the end of term 4 MUP 132 completed by the end of term 4 MUE 436: Percussion Methods by the end of term 4. Students must pass a jury in term 4 to reach |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² MUP 111 Studio Instruction MUP 209 Beginning Choral Conducting or MUP 210 Beginning Instrumental Conducting (If you did not complete in term 3) MUP 3** (Ensemble) PSY 230 Introduction to Statistics (CS) or STP 226 Elements of Statistics (CS) | 1 3 3 2 (1) 1 | | | Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters MTC 221 completed by the end of term 4 MUP 132 completed by the end of term 4 MUE 436: Percussion Methods by the end of term 4. |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² MUP 111 Studio Instruction MUP 209 Beginning Choral Conducting or MUP 210 Beginning Instrumental Conducting (If you did not complete in term 3) MUP 3** (Ensemble) PSY 230 Introduction to Statistics (CS) or STP 226 Elements of Statistics (CS) | 1 3 3 2 (1) | | | Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters MTC 221 completed by the end of term 4 MUP 132 completed by the end of term 4 MUE 436: Percussion Methods by the end of term 4. Students must pass a jury in term 4 to reach |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² MUP 111 Studio Instruction MUP 209 Beginning Choral Conducting or MUP 210 Beginning Instrumental Conducting (If you did not complete in term 3) MUP 3** (Ensemble) PSY 230 Introduction to Statistics (CS) or STP 226 Elements of Statistics (CS) | 1 3 3 2 (1) 1 | | | Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters MTC 221 completed by the end of term 4 MUP 132 completed by the end of term 4 MUE 436: Percussion Methods by the end of term 4. Students must pass a jury in term 4 to reach |
| MUP 231 Class Piano ¹ MTC 222 Music Theory: 19 th Century ¹ SOC 101 Introductory Sociology (SB) TERM FOUR: 53-69 CREDIT HOURS MHL 342 Music History II ² MUP 111 Studio Instruction MUP 209 Beginning Choral Conducting or MUP 210 Beginning Instrumental Conducting (If you did not complete in term 3) MUP 3** (Ensemble) PSY 230 Introduction to Statistics (CS) or STP 226 Elements of Statistics (CS) | 1 3 3 2 (1) 1 3 3 | | | Grade of C | MTC 125 completed by the end of term 3 MUP 131 completed by the end of term 3 Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters MTC 221 completed by the end of term 4 MUP 132 completed by the end of term 4 MUE 436: Percussion Methods by the end of term 4. Students must pass a jury in term 4 to reach |



Major Map: Music Therapy – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
|--|------|-------------------|--------------------------|------------------------------|---|--|
| TERM FIVE: 70-86 CREDIT HOURS | | | | | | |
| MUE 313 Elementary Music Methods ¹ | 3 | \boxtimes | | Grade of C | Complete one semester of concert attendance with | |
| MUE 467 Music Therapy Theory & Practice in Psychopathology ¹ | 3 | | | Grade of C | a grade of "pass" – students must complete six semesters | |
| MUE 384 Therapy Preclinical I | 1 | \boxtimes | | Grade of C | MTC 222 completed by the end of term 5. | |
| MUP 311 Studio Instruction or MUP *** Advanced Performance | 1/2 | \boxtimes | | Grade of C | MUP 231 completed by the end of term 5. | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | 4 hours of MUP 311 are required. Students may substitute performance classes toward this | |
| MUP 133 Class Voice ¹ (See additional notes below) | 1 | | | Grade of C | requirement: MUP 117, 217, 235, 236, 237, 301, | |
| MUE 335 Educational Methods for Guitar ¹ | 1 | \boxtimes | | | 302, 317, 3XX Large Ensemble, 387, 417, 440 (at | |
| MUP 100 Concert Attendance | 0 | | | | least 2 hours must be upper division). | |
| CDE 232 Human Development (SB) | 3 | | | | | |
| Humanities, Fine Arts & Design (HU) AND Global Awareness (G) OR Historical Awareness (H) | 3 | | | | | |
| TERM SIX: 87-102 CREDIT HOURS | | | | | | |
| MUE 463 Music Therapy Techniques ² | 3 | | | | Complete one semester of concert attendance with | |
| MUE 381 Music Therapy Research (L) ² | 3 | \boxtimes | | | a grade of "pass" – students must complete six semesters | |
| MUE 385 Therapy Preclinical II | 1 | | | | MTC 223 completed by the end of term 6. | |
| MUE 489 Repertoire for Music Therapy ² | 3 | | | | MUP 232 completed by the end of term 6. | |
| MUP 100 Concert Attendance | 0 | | | | • MUP 209 or 210 by the end of term 6. | |
| MUP 134 Class Voice ² (See additional notes below) | 1 | | | | 4 hours of MUP 311 required. Students may substitute performance classes toward this | |
| MUP 311 Studio Instruction or MUP *** Advanced Performance | 1/2 | | | | requirement: MUP 117, 217, 235, 236, 237, 301, | |
| MUP 3** (Ensemble) | 1 | | | | 302, 317, 3XX Large Ensemble, 387, 417, 440 (at | |
| SPE 222 Orientation to Education of Exceptional Children (SB, C) | 3 | | | | least 2 hours must be upper division). | |
| TERM SEVEN: 103-114 CREDIT HOURS | | | | | | |
| BIO 201 Human Physiology & Anatomy (SG) | 4 | | | | 4 hours of MUP 311 required. Students may | |
| MUE 386 Therapy Preclinical III | 1 | \boxtimes | | | substitute advanced performance classes toward this requirement: MUP 117, 217, 235, 236, 237, | |
| MUP *** Advanced Performance | (1) | | | | 301, 302, 317, 3XX Large Ensemble, 387, 417, | |
| PGS 466 Abnormal Psychology (SB) | 3 | \boxtimes | | | 440 (at least 2 hours must be upper division). | |
| MUE 475 Group Process and Music Therapy ¹ | 1 | | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | | |
| TERM EIGHT: 115-127 CREDIT HOURS | | | | | | |
| DCE *** | 2 | | | | 4 hours of MUP 311 required. Students may | |
| MHL 201 Mac Literacy for Musicians (CS) | 3 | | | | substitute advanced performance classes toward this requirement: MUP 117, 217, 235, 236, 237, | |
| MUE 387 Therapy Preclinical IV | 1 | ⊠ | | | 301, 302, 317, 3XX Large Ensemble, 387, 417, 440 (at least 2 hours must be upper division). | |
| MUE 476 Internship in Music Therapy | 1 | | | | Students register for MUE 476 (6-month internship) | |
| MUE 441 Psychology of Music ² | 3 | \boxtimes | | | in last semester and complete it after finishing all | |
| MUP *** Advanced Performance | (1) | | | | coursework for the degree. Degree is posted after | |
| Humanities, Fine Arts & Design (HU) AND Global Awareness (G) OR Historical Awareness (H) | 3 | | | | completion of all requirements and the internship. | |

Graduation Requirements Summary:

| Total Hours (127 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
- Historical Awareness (H)First-Year Composition

- Four semesters of ensembles must be large ensembles
- MUP 133 and MUP 34 (Class Voice) may be waived if major instrument is voice

¹ Course offered fall semester only.

² Course offered spring semester only.



Major Map: Performance (Collaborative Piano) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965,5069) for testing information.

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|---|---------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-16 CREDIT HOURS | 1115. | Division | Course/Grade | William Grade if Required | Additional Critical Requirement Notes |
| MUP 194 The ASU School of Music Experience | 1 | | | | MUP 194 is for ASU freshman students onl |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Not required of transfer students |
| MUP 379 Chamber Music Ensembles | 1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| MUP 3** (Ensemble) | 1 | | | Grade of C | composition courses |
| MUP 100 Concert Attendance | 0 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| MTC 125 Basic Music Theory ¹ | 3 | | | Grade of C | Complete one semester of concert attendance |
| ENG 101 or 102 First-Year Composition or | | | | | with a grade of "pass" - students must |
| ENG 105 Advanced First-Year Composition or | , | | | Condo of C | complete six semestersComplete First-Year Composition |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | requirement by the end of term 3 |
| MATTING II. M. J. G. MAI | 2 | _ | | | Complete Math requirement by the end of |
| MAT 142 College Mathematics (MA) | 3 | | | | term 2 |
| TERM TWO: 17-31 CREDIT HOURS | 2 | | | Crada of C | Complete one semester of concert attendance |
| MHL 140 Music as Culture | 3 | | | Grade of C | with a grade of "pass" – students must |
| MUP 127 Studio Instruction MUP 379 Chamber Music Ensembles | 1 | | | Grade of C Grade of C | complete six semesters |
| MUP 3** (Ensemble) | 1 | | | Grade of C | Complete First-Year Composition requirement by the end of term 3 |
| • | | | | Grade of C | Complete Math requirement by the end of |
| MUP 100 Concert Attendance | 0 | | | 0 1 60 | term 2 |
| MTC 221 Music Theory: 18 th Century ² ENG 101 or 102 First-Year Composition or | 3 | | | Grade of C | - |
| ENG 105 Advanced First-Year Composition or | | | | | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 32-47 CREDIT HOURS | | 1 | | • | |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must |
| MUP 250 Diction for Singers (Diction and Repertoire) | 1 | | | Grade of C | complete six semesters |
| MUP 379 Two-Piano Ensemble | 1 | | | Grade of C | Complete First-Year Composition To a supplemental by the and of terms 2 |
| MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS), | 0 | | | | requirement by the end of term 3 Complete MTC 125 by end of term 3 |
| MHL 201 Mac Literacy for Musicians | 3 | | | Grade of C | |
| MTC 222 Music Theory: 19 th Century ¹ | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 48-61 CREDIT HOURS | | | | | |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Complete one semester of concert attendance |
| MUP 100 Concert Attendance | 0 | | | | with a grade of "pass" – students must complete six semesters |
| MTC 223 Music Theory: 20 th Century ² | 3 | | | Grade of C | Complete MTC 221 by end of term 4 |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | _ | | 5.440 01 0 | 1 |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | 1 |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM FIVE: 62-76 CREDIT HOURS | | | | | • Complete and compared of |
| MHL 341 Music History ¹ | 3 | | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must |
| MUP 311 Studio Instruction | 2 | | | Grade of C | complete six semesters |
| MUP 337 Studio Instruction: Collaborative Piano | 2 | | 1 | Grade of C | Complete MTC 222 by end of term 5 MUP 209 or MUP 210 may be taken to |
| MUP 388 Collaborative Piano MUP 209 Beginning Choral Conducting or | 1 | | | Grade of C | MOP 209 or MOP 210 may be taken to complete 1 semester conducting requirement; |
| MUP 210 Beginning Instrumental Conducting of | 1 | | | Grade of C | Complete by end of term 6 |
| MUP 100 Concert Attendance | 0 | | | | |
| MUP 495 Performance | 0 | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |



Major Map: Performance (Collaborative Piano) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|--|
| TERM SIX: 77-92 CREDIT HOURS | | | | | |
| MHL 342 Music History II ² | 3 | \boxtimes | | Grade of C | Complete one semester of concert attendance |
| MUP 100 Concert Attendance | 0 | | | | with a grade of "pass" – students must complete six semesters |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | Complete MTC 223 by end of term 6 |
| MUP 337 Studio Instruction: Collaborative Piano | 2 | | | Grade of C | MUP 209 or MUP 210 may be taken to complete |
| MUP 388 Collaborative Piano | 1 | \boxtimes | | Grade of C | 1 semester conducting requirement; Complete by |
| MUP 495 Performance | 0 | | | | end of term 6 |
| MUP 451 (Diction and Repertoire) Piano Chamber Music | 2 | \boxtimes | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM SEVEN: 93-108 CREDIT HOURS | | | | | |
| MTC 428 Advanced Form and Analysis | 3 | \boxtimes | | Grade of C | Complete one semester of concert attendance |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | with a grade of "pass" – if six semesters not completed |
| MUP 337 Studio Instruction: Collaborative Piano | 2 | \boxtimes | | Grade of C | |
| MUP 388 Collaborative Piano | 1 | \boxtimes | | Grade of C | |
| MUP 496 Performance | 0 | | | | |
| MUP 453 (Diction and Repertoire) Song Literature | 2 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| Upper division Literacy and Critical Inquiry (L) (Recommend MHL with Literacy designation) | 3 | \boxtimes | | | |
| TERM EIGHT: 109-120 CREDIT HOURS | | | | | |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | Complete one semester of concert attendance with a grade of "ness" if six competers not |
| MUP 337 Studio Instruction: Collaborative Piano | 2 | \square | | Grade of C | with a grade of "pass" – if six semesters not completed |
| MUP 388 Collaborative Piano | 1 | \boxtimes | | Grade of C | |
| MUP 487 Collaborative Piano | 1 | \boxtimes | | Grade of C | |
| MUP 496 Performance | 0 | | | | |
| MUP 454 (Diction and Repertoire) Song Literature | 2 | \boxtimes | | Grade of C | |
| MHL 3** or 4** History (Recommend MHL with Literacy designation) | 3 | ⊠ | | Grade of C | |
| Music Elective (cannot be MUS prefix; required if you did not take MHL 201) | 0-3 | | | Grade of C | |
| Elective (required if upper division literacy was MHL course) | 1-3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
 - General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

- MHL 440 and MUP 481 recommended electives
- ¹ Course only offered fall semester.
- ² Course only offered spring semester.



Major Map: Performance (Guitar) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

| | | | | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|--------------|---------------------------|---|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| MUP 194 The ASU School of Music Experience | 1 | | | | MUP 194 is for ASU freshman students only |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Not required of transfer students |
| MUP 379 Chamber Music Ensembles: Guitar | 1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| MUP 100 Concert Attendance | 0 | | | | composition courses |
| MUP 131 Class Piano ¹ | 1 | | | Grade of C | ASU Math Placement Exam score |
| MTC 125 Basic Music Theory ¹ | 3 | | | Grade of C | determines placement in Mathematics course Complete one semester of concert attendance |
| ENG 101 or 102 First-Year Composition or | 3 | | | Grade of C | with a grade of "pass" – students must |
| ENG 105 Advanced First-Year Composition or | | _ | | | complete six semesters |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | Complete First-Year Composition requirement by the end of term 3 |
| | | | | | Complete Math requirement by the end of |
| MAT 142 College Mathematics (MA) | 3 | | | | term 2 |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| MHL 140 Music as Culture | 3 | | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must |
| MUP 127 Studio Instruction | 4 | | | Grade of C | - complete six semesters |
| MUP 379 Chamber Music Ensembles: Guitar | 1 | | | Grade of C | Complete First-Year Composition |
| MUP 100 Concert Attendance | 0 | | | | requirement by the end of term 3 • Complete Math requirement by the end of |
| MUP 132 Class Piano ² | 1 | | | Grade of C | Complete Math requirement by the end of term 2 |
| MTC 221 Music Theory: 18 th Century ² | 3 | | | Grade of C | 1 |
| ENG 101 or 102 First-Year Composition | | | | | |
| ENG 105 Advanced First-Year Composition ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | 3 | | | Grade of C | |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Complete one semester of concert attendance |
| MUP 379 Chamber Music Ensembles: Guitar | 1 | | | Grade of C | with a grade of "pass" – students must |
| Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac | 1 | | | Grade of C | complete six semesters |
| Literacy for Musicians Recommended | 3 | | | Grade of C | Completed First-Year Composition requirement by the end of term 3 |
| MUP 100 Concert Attendance | 0 | | | | Complete MTC 125 by end of term 3 |
| MUP 231 Class Piano ¹ | 1 | | | Grade of C | Complete MUP 131 by end of term 3 |
| MTC 222 Music Theory: 19 th Century ¹ | 3 | | | Grade of C | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | | |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | 1 | | C 14 121 C 17 17 |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Complete 12 hours of upper division coursework be end of term 5 |
| MUP 379 Chamber Music Ensembles: Guitar | 1 | | | Grade of C | Complete one semester of concert attendance |
| MUP 100 Concert Attendance | 0 | | | | with a grade of "pass" – students must |
| MUP 232 Class Piano ² | 1 | | | Grade of C | complete six semesters Complete MTC 221 by end of term 4 |
| MTC 223 Music Theory: 20 th Century ² | 3 | | | Grade of C | Complete MUP 132 by end of term 4 |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | 3 | | | | 1 |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| MHL 341 Music History ¹ | 3 | \boxtimes | | Grade of C | Complete one semester of concert attendance The seminary of the semi |
| MUP 210 Beginning Instrumental Conducting ¹ | 1 | | | Grade of C | with a grade of "pass" – students must complete six semesters |
| MUP 327 Studio Instruction | 4 | \boxtimes | | Grade of C | 1 semester of Counterpoint required. Choose |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | from MTC 320 Modal Counterpoint or MTC |
| MTC 320 Modal Counterpoint ¹ or | _ | | | C1+C | 321 Tonal Counterpoint. Complete MTC 222 by end of term 5 |
| MTC 321 Tonal Counterpoint ² | 2 | | | Grade of C | Complete MTC 222 by end of term 5 Complete MUP 232 by end of term 5 |
| MUP 100 Concert Attendance | 0 | | | | - |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | 1 | | |



Major Map: Performance (Guitar) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---|
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| MTC 320 Modal Counterpoint ¹ or | | | | | Complete one semester of concert attendance with |
| MTC 321 Tonal Counterpoint ² | (2) | | | Grade of C | a grade of "pass" – students must complete six |
| MHL 342 Music History II ² | 3 | | | Grade of C | semesters • 1 semester of Counterpoint required. Choose from |
| MUP 100 Concert Attendance | 0 | | | | MTC 320 Modal Counterpoint or MTC 321 Tonal |
| MUP 327 Studio Instruction | 4 | \boxtimes | | Grade of C | Counterpoint. |
| MUP 495 Performance | 0 | | | | Complete MTC 223 by end of term 6 |
| MUP 3** (Ensemble) | 1 | | | Grade of C | Complete MUP 232 by end of term 6 |
| Natural Science Quantitative (SQ) - or if already completed can take | | | | | |
| Natural Science General (SG) | 4 | | | | _ |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | ı | 1 | |
| MUP 327 Studio Instruction | 4 | | | Grade of C | |
| MUP 451 Repertoire | 2 | | | Grade of C | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | |
| Music Elective (cannot be MUS prefix) | 1-3 | \boxtimes | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) (Recommend MHL with Literacy designation) | 3 | \boxtimes | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| MUP 327 Studio Instruction | 4 | ⊠ | | Grade of C | |
| MUP 481 Performance Pedagogy and Materials | 2 | ⊠ | | Grade of C | |
| MUP 496 Performance | 0 | | | | |
| MUP 3** (Ensemble) | 1 | | | Grade of C | \exists |
| MHL 3** or 4** History (If not already completed a MHL with Literacy designation) | 3 | \boxtimes | | Grade of C | |
| Music Elective (cannot be MUS prefix; required if you don't take MHL 201) | 0-3 | | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Sciences (SB) | 3 | ⊠ | | | |
| Upper division elective | 2 | | | | |

Graduation Requirements Summary:

| Total Hours (120) Total UD H | rs Cumulative GPA | Major GPA (2.0 | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College |
|------------------------------|-------------------|----------------|------------------|------------------------------|---------------------|
| (minimum 4 | 5) (2.00 minimum) | minimum) | (minimum 30) | Recognition (minimum 56) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG) General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

- Four semesters of MUP 379: CME: Guitar Ensemble required
- Recommended music electives:
 - o MHL 440: Music Since 1900
 - o MHL 201: Macliteracy
 - o MUP 340: Instrumental Conducting
 - o MUP 451: Repertoire (2nd semester)

¹ Course offered fall semester only.

² Course offered spring semester only.



Major Map: Performance (Jazz) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

okPrior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

| | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|---|--------------------------|---------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1110. | 211131011 | Course Grade | Minimum Grade ii rectanea | Traditional Circumsteeparents (Votes |
| MUP 194 The ASU School of Music Experience | 1 | | | | MUP 194 is for ASU freshman students only; |
| MUP 111 Studio Instruction | 2 | | | Grade of C | Not required of transfer students |
| MUP 117 Jazz Improvisation | 1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| MUP 379 Jazz Studio | 1 | | | Grade of C | composition courses |
| MUP 379 Chamber Music Ensembles: Jazz | 1 | \boxtimes | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| MUP 100 Concert Attendance | 0 | | | | Complete one semester of concert attendance |
| MUP 131 Class Piano ¹ | 1 | | | Grade of C | with a grade of "pass" – students must |
| MTC 125 Basic Music Theory ¹ | 3 | | | Grade of C | complete six semesters Complete First-Year Composition |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | requirement by the end of term 3 • Complete Math requirement by the end of term 2 |
| MAT 142 College Mathematics (MA) | 3 | | | | 1 |
| TERM TWO: 16-30 CREDIT HOURS | | | | · | |
| MHL 140 Music as Culture | 3 | | | Grade of C | Complete one semester of concert attendance |
| MUP 111 Studio Instruction | 2 | | | Grade of C | with a grade of "pass" – students must complete six semesters |
| MUP 117 Jazz Improvisation | 1 | | | Grade of C | Complete Six semesters Completed First-Year Composition |
| MUP 379 Jazz Studio | 1 | \boxtimes | | | requirement by the end of term 3 |
| MUP 379 Chamber Music Ensembles: Jazz | 1 | \boxtimes | | Grade of C | Complete Math requirement by the end of term 2 |
| MUP 100 Concert Attendance | 0 | | | | term 2 |
| MUP 132 Class Piano ² | 1 | | | Grade of C | |
| MTC 221 Music Theory: 18 th Century ² | 3 | | | Grade of C | |
| ENG 101 or 102 First-Year Composition or | | | | | |
| ENG 105 Advanced First-Year Composition or | 3 | | | Condo of C | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS MUP 111 Studio Instruction | 2 | | | Grade of C | Complete one semester of concert attendance |
| MUP 217 Jazz Improvisation | 2 | | | Grade of C | with a grade of "pass" – students must |
| MUP 379 Jazz Studio | 1 | | | Grade of C | complete six semesters |
| MUP 379 Chamber Music Ensembles: Jazz | 1 | | | Grade of C | Complete First-Year Composition requirement by the end of term 3 |
| | | | | Grade of C | Complete MTC 125 by end of term 3 |
| MUP 100 Concert Attendance | 0 | | | | Complete MUP 131 by end of term 3 |
| MUP 235 Jazz Piano ¹ | 1 | | | Grade of C | _ |
| MTC 222 Music Theory: 19 th Century ¹ Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | Grade of C | 4 |
| US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| MUP 111 Studio Instruction | 2 | | | Grade of C | Complete 12 hours of upper division coursework be end of semester 5 |
| MUP 217 Jazz Improvisation | 2 | | | Grade of C | Complete one semester of concert attendance |
| MUP 379 Jazz Studio | 1 | | | Grade of C | with a grade of "pass" – students must |
| MUP 379 Chamber Music Ensembles: Jazz | 1 | | 1 | Grade of C | complete six semesters Complete MTC 221 by end of term 4 |
| MUP 100 Concert Attendance | 0 | | | | Complete MIP 132 by end of term 4 |
| MUP 236 Jazz Piano ² | 1 | | | Grade of C | |
| MTC 223 Music Theory: 20 th Century ² | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |



Major Map: Performance (Jazz) -**Bachelor of Music (B.Mus.)**

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM FIVE: 61-75 CREDIT HOURS | | | | | _ |
| MHL 341 Music History ¹ | 3 | \boxtimes | | Grade of C | Complete 12 hours of upper division coursework be end of semester 5 |
| MTC 315 Modern Arranging ¹ | 2 | \boxtimes | | Grade of C | Complete MTC 222 by end of term 5 |
| Delete this line. | | | | | Complete MUP 235 by end of term 5 |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | |
| Social & Behavioral Science (SB) | 3 | \boxtimes | | Grade of C | |
| MUP 379 Chamber Music Ensembles: Jazz | 1 | \boxtimes | | Grade of C | |
| MUP 100 Concert Attendance | 0 | | | | |
| Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended | 3 | | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | _ |
| MHL 342 Music History II ² | 3 | \boxtimes | | Grade of C | Complete one semester of concert attendance with a grade of "ness" attribute must semilate |
| MTC 316 Modern Arranging ² | 2 | \boxtimes | | Grade of C | with a grade of "pass" – students must complete six semesters |
| MUP 100 Concert Attendance | 0 | | | | Complete MTC 223 by end of term 6 |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | Complete MUP 236 by end of term 6 |
| MUP 379 Chamber Music Ensembles: Jazz | 1 | \boxtimes | | Grade of C | |
| MUP 495 Performance | 0 | | | | |
| MUP 319 Recording Studio Techniques ² | 2 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| MTC 440 Jazz Theory & Ear Training | 2 | \boxtimes | | Grade of C | |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | |
| MUP 317 Jazz Improvisation | 2 | \boxtimes | | Grade of C | |
| MUP 386 Jazz Ensemble | 1 | \boxtimes | | Grade of C | |
| MHL 3** or 4** (Recommend MHL with Literacy designation) | 3 | \boxtimes | | Grade of C | |
| Music Elective (cannot be MUS prefix; required if you did not take MHL 201) | 3 | | | Grade of C | |
| UD Humanities or Social Behavioral Science (C, G, H) | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| MTC 441 Jazz Composition ² | 2 | \boxtimes | | Grade of C | |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | |
| MUP 317 Jazz Improvisation | 2 | \boxtimes | | Grade of C | |
| MUP 386 Jazz Ensemble | 1 | \boxtimes | | Grade of C | |
| MUP 495 Performance | 0 | | | | |
| Upper division Literacy and Critical Inquiry (L) (Recommend MHL with Literacy designation) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| Elective (if upper division literacy was MHL course) | 0-3 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|-------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

- ¹ Course offered fall semester only.
- ² Course offered spring semester only.



Major Map: Performance (Keyboard) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965,5069) for testing information.

| testing mor matton. | | | Competed Trai | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None | | | |
|--|-------|-------------------|--------------------------|---------------------------|--|--|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | | | |
| TERM ONE: 0-15 CREDIT HOURS | 1110. | Biviolon | Course Grade | Manager of the Control | radiional Critical Regulation 1 votes | | | |
| MUP 194 The ASU School of Music Experience | 1 | | | | MUP 194 is for ASU freshman students onl | | | |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score | | | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | | | |
| MUP 100 Concert Attendance | 0 | | | | composition courses | | | |
| MTC 125 Basic Music Theory ¹ | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course | | | |
| ENG 101 or 102 First-Year Composition | | | | Grade of C | Complete one semester of concert attendance | | | |
| ENG 105 Advanced First-Year Composition | 2 | | | 0 1 60 | with a grade of "pass" - students must | | | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | complete six semestersComplete First-Year Composition | | | |
| | | | | | requirement by the end of term 3 | | | |
| MAT 142: Callege Methamatics (MA) | 3 | | | | Complete Math requirement by the end of | | | |
| MAT 142: College Mathematics (MA) TERM TWO: 16-32 CREDIT HOURS |) | | | | term 2 | | | |
| MHL 140 Music as Culture | 3 | | | Grade of C | Complete one semester of concert attendance | | | |
| MUP 127 Studio Instruction | 4 | | | Grade of C | with a grade of "pass" - students must | | | |
| MUP 3** (Ensemble) | 1 | | | Grade of C | complete six semesters Completed First-Year Composition | | | |
| | | | | Grade of C | requirement by the end of term 3 | | | |
| MUP 100 Concert Attendance | 0 | | | 0.1.60 | Complete Math requirement by the end of | | | |
| MTC 221 Music Theory: 18 th Century ² ENG 101 or 102 First-Year Composition | 3 | | | Grade of C | term 2 | | | |
| ENG 105 Advanced First-Year Composition | | | | | | | | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | | | | |
| TERM THREE: 33-47 CREDIT HOURS | J | | | | | | | |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Complete one semester of concert attendance | | | |
| MUP 3** (Ensemble) | 1 | | | Grade of C | with a grade of "pass" - students must | | | |
| MUP 100 Concert Attendance | 0 | | | | complete six semesters Complete First-Year Composition | | | |
| MHL 201 Mac Literacy for Musicians (CS) | 3 | | | | requirement by the end of term 3 | | | |
| MTC 222 Music Theory: 19 th Century ¹ | 3 | | | Grade of C | Complete MTC 125 by end of term 3 | | | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | 7 | | | |
| TERM FOUR: 48-62 CREDIT HOURS | | | | | | | | |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Complete one semester of concert attendance | | | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | with a grade of "pass" – students must complete six semesters | | | |
| MUP 100 Concert Attendance | 0 | | | | Complete MTC 221 by end of term 4 | | | |
| MTC 223 Music Theory: 20 th Century ² | 3 | | | Grade of C | 1 | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | | _ | | | 1 | | | |
| US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | 4 | | | |
| Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) | 4 | | | | | | | |
| TERM FIVE: 63-78 CREDIT HOURS | T | | | | | | | |
| MHL 341 Music History ¹ | 3 | \boxtimes | | Grade of C | Complete one semester of concert attendance | | | |
| MUP 209 Beginning Choral Conducting or | | | | | with a grade of "pass" – students must | | | |
| MUP 210 Beginning Instrumental Conducting | 1 | \boxtimes | <u> </u> | Grade of C | complete six semesters Complete MTC 222 by end of term 5 | | | |
| MUP 327 Studio Instruction | 4 | \boxtimes | | Grade of C | Complete 1 semester of conducting by end of | | | |
| MUP 379 Chamber Ensemble | 1 | \boxtimes | | Grade of C | term 6 (may choose MUP 209 or MUP 210) | | | |
| MUP 100 Concert Attendance | 0 | | | | | | | |
| MUP 121 Harpsichord/Organ | 1 | | | Grade of C | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | | | | | |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | 1 | | - | | | |
| Literacy & Critical Inquiry (L) | 3 | | L | I | | | | |



Major Map: Performance (Keyboard) -Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|--|
| TERM SIX: 79-92 CREDIT HOURS | | | | | |
| MUP 209 Beginning Choral Conducting or MUP 210 Beginning Instrumental Conducting | (1) | | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – if six semesters not |
| MUP 379 Chamber Ensemble | 1 | | | Grade of C | completed |
| MHL 342 Music History II ² | 3 | | | Grade of C | Complete MTC 223 by end of semester 6 |
| MUP 100 Concert Attendance | 0 | | | | Complete 1 semester of conducting by end of term 6 (may choose MUP 209 or MUP 210) |
| MUP 327 Studio Instruction | 4 | | | | |
| MUP 495 Performance | 0 | \boxtimes | | | |
| Upper division Humanities, Fine Arts & Design (HU) or | | | | | |
| Social & Behavioral Sciences (SB) | 3 | | | | |
| Social & Behavioral Sciences (SB) | 3 | | | | |
| TERM SEVEN: 93-108 CREDIT HOURS | | | | | |
| MHL 440 Music Since 1900 (Upper Division Literacy and Critical | 2 | | | | Complete one semester of concert attendance |
| Inquiry) | 3 | | | | with a grade of "pass" – if six semesters not completed |
| MUP 327 Studio Instruction | 4 | | | | |
| MUP 440 Keyboard Harmony | 1 | ⊠ | | | |
| MUP 451 Repertoire | 2 | | | | |
| MUP 487 Collaborative Piano | 1 | \boxtimes | | | |
| MUP 496 Performance | 0 | | | | |
| MTC 425 Studies in 20 th Century Theory | 3 | | | | |
| Elective | 2 | | | | |
| TERM EIGHT: 109-120 CREDIT HOURS | | | | | |
| MUP 327 Studio Instruction | 4 | | | | Complete one semester of concert attendance |
| MUP 481 Performance Pedagogy & Materials or | | | | | with a grade of "pass" – if six semesters not |
| MUP 482 Piano Pedagogy | 2 | \boxtimes | | | completed |
| MUP 487 Collaborative Piano | 1 | \boxtimes | | | |
| MUP 496 Performance | 0 | | | | |
| MHL 3** or 4** History | 3 | | | | |
| Music Elective (cannot be MUS prefix; MUP 451 recommended) | 2 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|-------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - 0
 - Mathematical Studies (MA)
 Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
 - General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

- ¹ Course offered fall semester only.
- ² Course offered spring semester only.



Major Map: Performance (Music Theatre) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|-------|-------------------|--------------------------|-------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1115. | Biribion | Course Grade | Minimum Grade ii Required | Traditional Ciriodi Peccarement Protes | |
| MUP 194 The ASU School of Music Experience | 1 | | | | MUP 194 is for ASU freshman students only | |
| MUP 111 Studio Lessons | 2 | | | Grade of C | Not required of transfer students | |
| MUP 371 Music Theatre Workshop: Broadway I | 1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL sco determines placement into first-year | |
| MUP 370 Movement | 1 | | | Grade of C | composition courses | |
| MUP 373 Music Theatre: Performance | 1 | ⊠ | | Grade of C | ASU Math Placement Exam score | |
| MUP 370 Music Theatre Techniques: Expression | 1 | | | Grade of C | determines placement in Mathematics course Complete one semester of concert attendance | |
| MUP 100 Concert Attendance | 0 | | | | with a grade of "pass" - students must | |
| MUP 131 Class Piano | 1 | | | Grade of C | complete six semesters | |
| MTC 125 Basic Music Theory | 3 | | | Grade of C | Complete First-Year Composition requirement by the end of term 3 | |
| ENG 101 or 102 First-Year Composition or | | | | Glade of C | Complete Math requirement by the end of | |
| ENG 105 Advanced First-Year Composition or | | | | | term 2 | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | Complete 12 hours of upper division coursework be end of term 5 | |
| MAT 142 College Mathematics (MA) | 3 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| MHL 140 Music as Culture | 3 | | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must | |
| MUP 111 Studio Lessons | 2 | | | Grade of C | complete six semesters | |
| MUP 370 Music Theatre Techniques: Interpretation | 1 | | | Grade of C | Humanities: students may select upper | |
| MUP 373 Music Theatre: Performance | 1 | | | Grade of C | division, check with advisor Complete First-Year Composition | |
| MUP 371 Music Theatre Workshop: Broadway Scenes | 1 | | | Grade of C | requirement by the end of term 3 | |
| THP 101 Acting Introduction | 3 | | | Grade of C | Students must complete MAT 142 or higher by the end of term 2 | |
| MUP 100 Concert Attendance | 0 | | | | Complete 12 hours of upper division | |
| MUP 132 Class Piano | 1 | | | Grade of C | coursework by end of term 5 | |
| MTC 221 Music Theory: 18 th Century | 3 | | | Grade of C | | |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or | | | | | | |
| ENG 103 Advanced First-Year Composition of ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| DCE *** | 2 | | | Grade of C | Complete one semester of concert attendance | |
| MUP 111 Studio Lessons | 2 | | | Grade of C | with a grade of "pass" – students must complete six semesters | |
| MUP 370 Music Theatre Technique: Advanced Expression | 1 | \boxtimes | | Grade of C | Complete Six semesters Complete First-Year Composition | |
| MUP 373 Music Theatre: Performance | 1 | \boxtimes | | Grade of C | requirement by the end of semester 3 | |
| MUP 371 Music Theatre Workshop: Broadway II | 1 | \boxtimes | | Grade of C | Complete MTC 125 by end of term 3 Complete MUP 131 by end of term 3 | |
| MUP 374 Music Theatre: Tech | 1 | \boxtimes | | | Complete 1101 151 by the of term 5 | |
| MUP 100 Concert Attendance | 0 | | | | 7 | |
| MUP 231 Class Piano | 1 | | | Grade of C | † | |
| MTC 222 Music Theory: 19 th Century | 3 | | | Grade of C | 7 | |
| Literacy and Critical Inquiry (L) | 3 | | | | 1 | |
| TERM FOUR: 46-60 CREDIT HOURS | 3 | | | | | |
| DCE *** | 2 | | | Grade of C | Complete one semester of concert attendance | |
| MUP 111 Studio Lessons | 2 | | | Grade of C | with a grade of "pass" – students must | |
| MUP 371 Music Theatre Workshop: Broadway Scenes | 1 | | | Grade of C | complete six semesters Complete MTC 221 by end of term 4 | |
| MUP 370 Advanced Interpretation | 1 | | | Grade of C | Complete MIP 132 by end of term 4 | |
| MUP 373 Music Theatre: Performance | 1 | ⊠ | | Grade of C | | |
| MUP 374 Music Theatre: Problems | 1 | | | Grade of C | | |
| MUP 100 Concert Attendance | 0 | | | | 1 | |
| | V | . — | 1 | i e | - | |
| MTC 223 Music Theory: 20 th Century | 3 | | | Grade of C | | |



Major Map: Performance (Music Theatre) -**Bachelor of Music (B.Mus.)**

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | | |
|--|------|-------------------|--------------------------|--|---|--|--|
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | | |
| DCE *** | 2 | | | Grade of C | Complete one semester of concert attendance with a grade of "mass" and determined a complete. | | |
| MHL 341 Music History | 3 | \boxtimes | | Grade of C | with a grade of "pass" – students must complete six semesters | | |
| MUP 209 Beginning Choral Conducting* | 1* | | | Grade of C | Complete MTC 222 by end of term 5 | | |
| MUP 311 Studio Lessons | 2 | \boxtimes | | Grade of C | Complete MUP 231 by end of term 5 | | |
| MUP 373 Music Theatre: Performance | 1 | | | Grade of C | *1 semester of MUP 209 required. Complete by term 6 | | |
| MUP 100 Concert Attendance | 0 | | | | term o | | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | | | |
| Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac | | | | | | | |
| Literacy for Musicians Recommended | 3 | | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | _ | | | *1 semester of MUP 209 required. Complete by | | |
| MUP 209 Beginning Choral Conducting* | (1) | | | Grade of C | • *1 semester of MOP 209 required. Complete by term 6 | | |
| MUP 451 Music Theatre Workshop: Broadway | 2 | ⊠ | | Grade of C | Complete MTC 223 by end of term 6 | | |
| MHL 342 Music History | 3 | ⊠ | | Grade of C | Complete one semester of concert attendance | | |
| MUP 100 Concert Attendance | 0 | | | | with a grade of "pass" – students must complete six semesters | | |
| MUP 311 Studio Instruction | 2 | ⊠ | | Grade of C | six semesters | | |
| MUP 373 Music Theatre: Performance | 1 | \boxtimes | | Grade of C | | | |
| DAN *** | 2 | | | Grade of C | | | |
| MUP 494 Acting for Singers | 3 | | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | | |
| MUP 494 Music Theatre Dance | 3 | \boxtimes | | Grade of C | May repeat any MUP 371 or Aria Prep | | |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | | | |
| MUP 373 Music Theatre: Performance | 1 | \boxtimes | | Grade of C | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G), OR Historical Awareness (H) | 3 | | | | | | |
| Upper division Social and Behavioral Science (SB) or Humanities, | | | | | 7 | | |
| Fine Arts & Design (HU) (MUS 356: Survey of Music Theatre recommended) | 3 | \boxtimes | | | | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | <u>' </u> | | | |
| MUP 311 Studio Instruction | 2 | \boxtimes | | Grade of C | May repeat any MUP 371 or Opera Scenes | | |
| MUP 373 Music Theatre: Performance | 1 | | | Grade of C | May repeat any Mot 371 of opera seems | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | | | | Stade of C | | | |
| US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | _ | | |
| Social & Behavioral Science (SB) | 3 | | | | _ | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs | Cumulative GPA | Major GPA (2.0 | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College |
|-------------------|--------------|----------------|----------------|------------------|------------------------------|---------------------|
| | (minimum 45) | (2.00 minimum) | minimum) | (minimum 30) | Recognition (minimum 56) | Hrs. (maximum 64) |
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Extra sections of MUP 371 are encouraged starting in Term 5



Major Map: Performance (Orchestral Instrument) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

| Connex based and Task Connex and Middle Miller and Connex (Market Memorate Independ) TRRY UNIX-Brice READ IT IDURS MEP 127 Studio Instruction MEP 128 Studio Instruction MEP 128 Studio Instruction MEP 128 Studio Instruction MEP 128 Studio Instruction MEP 129 Studio Instructio | | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|---|-------|-----------|---------------|-------------------------------|--|--|
| ASU TOL 8 for ASU Feelman students only, No. 12 Feelman students | | Hrs | | Transfer | | Additional Critical Requirement Notes | |
| MUP 137 Selection of Music Experience | | 1113. | Division | Course/Grade | Minimum Grade ii Required | raditional Critical requirement rotes | |
| MUP 13° (Execution) MUP 10° Concert Attendance MUP 10° C | | 1 | П | | | ASU 101 is for ASU freshman students only; | |
| MUP 100 Concert Attendance O | 1 | 4 | | | Grade of C | | |
| MUP 131 Class Plano | | 1 | | | 1 | | |
| MUP 310 class Panel | MLIP 100 Concert Attendance | 0 | П | | | composition courses | |
| Section | | _ | | | Grade of C | | |
| ENG 101 of 102 First-Year Composition or ENG 107 of 108 English for Foreign Students State | | | | | | | |
| Signate of C | | | | | Grade of C | with a grade of "pass" - students must | |
| MAT 142 College Mathematics (MA) | | | _ | | | | |
| Complete Math requirement by the end of term 2 Complete Math requirement by the end of term 2 Complete one semester of concert attendance with a grade of "pass" - students must complete six senseters | ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | | |
| Complete one semester of concert attendance with a grade of C pass* - students must complete sis semestrs NUP 39* (Ensemble) | | | | | | Complete Math requirement by the end of | |
| MILP 140 Masks as Culture | | 3 | | | | term 2 | |
| MUP 127 Studio Instruction | | | | 1 | | | |
| MUP 3** (Ensemble) | | | | | | | |
| MUP 100 Concert Attendance | MUP 127 Studio Instruction | 4 | | | Grade of C | | |
| Complete Math requirement by the end of term 2 Complete Math requirement by the end of term 2 | MUP 3** (Ensemble) | 1 | \square | | Grade of C | | |
| MUP 132 Class Piano* | MUP 100 Concert Attendance | 0 | | | | | |
| ENG 101 of 102 First-Year Composition or ENG 107 or 108 English for Foreign Students Standard First-Year Composition or ENG 107 or 108 English for Foreign Students Standard First-Year Composition or ENG 107 or 108 English for Foreign Students Standard First-Year Composition or ENG 107 or 108 English for Foreign Students Standard First-Year Composition Standard First | MUP 132 Class Piano ² | 1 | | | Grade of C | | |
| ENG 107 or 108 English for Foreign Students 3 Grade of C TERM THREE: 32-47 CREDIT HOURS | | 3 | | | Grade of C | | |
| Grade of C | | | | | |] | |
| TERM THREE: 32-47 CREDIT HOURS 4 | | 3 | | | Grade of C | | |
| MUP 127 Studio Instruction MUP 324 (Ensemble) MUP 310 Concert Attendance MUP 321 Class Piano¹ Natural Science Quantitative (SQ) or General (SG) MUP 321 Class Piano¹ Nut P 323 Class Piano¹ MUP 323 Class Piano¹ MUP 324 Class Piano¹ MUP 325 Complete MUP 325 by end of term 3 Complete MUP 321 by end of term 4 Complete MUP 321 by end of term 4 Complete MUP 322 Class Piano² MUP 100 Concert Attendance MUP 323 Class Piano² MUP 232 Class Piano² MUP 323 Class Piano² MUP 323 Class Piano² MUP 325 Complete MUP 325 by end of term 4 Complete MUP 325 by end of term 5 Complete MUP 231 by end of term 5 | | , | | | Grade of C | | |
| MUP 3-9° (Ensemble) 1 | | 4 | П | | Grade of C | Complete one semester of concert attendance | |
| MUP 100 Concert Attendance MUP 231 Class Piano¹ MUP 216 Century¹ Natural Science Quantitative (SQ) or General (SG) MUP 232 Class Piano² MUP 232 Music Theory: 20th Century² MUP 232 Class Piano² MUP 232 Music Theory: 20th Century² MUP 234 Music Theory: 20th Century² MUP 235 Music Theory: 20th Century² MUP 236 Century² MUP 237 Music Theory: 20th Century² MUP 238 Music Theory: 20th Century² MUP 248 Music Theory: 20th Century² MUP | | | | | | with a grade of "pass" - students must | |
| MUP 231 Class Piano¹ | , | - | | | Grade of C | | |
| MTC 222 Music Theory: 19th Century¹ Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) TERM FOUR: 48-63 CREDIT HOURS MUP 127 Studio Instruction MUP 232 Class Piano² MUP 232 Class Piano² MUP 232 Class Piano² Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) MUP 325 Class Piano² Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Instruction MUP 327 Studio Instruction MUP 328 Class Piano² Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Instruction MUP 329 Class Piano² Social & Grade of C MUP 329 Class Piano² Social & Grade of C Social & Grade of | | | | | 0 1 60 | | |
| Humantites, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | | | | | | | |
| Statural Science Quantitative (SQ) or General (SG) 4 | | 3 | Ш | | Grade of C | Complete MUP 131 by end of term 3 | |
| MUP 127 Studio Instruction MUP 3** (Ensemble) MUP 100 Concert Attendance MUP 232 Class Piano² MUP 33 □ Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) Natural Science General (SG) MUP 341 Music History¹ MUP 210 Beginning Instrumental Conducting¹ MUP 210 Beginning Instrumental Conducting¹ MUP 379 Chamber Music Ensemble MUP 370 Complete MUS Carde of C Complete MUP 231 by end of term 5 | | 3 | | | | | |
| MUP 127 Studio Instruction MUP 3** (Ensemble) MUP 100 Concert Attendance MUP 232 Class Piano² MUP 33 □ Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) Natural Science General (SG) MUP 341 Music History¹ MUP 210 Beginning Instrumental Conducting¹ MUP 210 Beginning Instrumental Conducting¹ MUP 379 Chamber Music Ensemble MUP 370 Complete MUS Carde of C Complete MUP 231 by end of term 5 | Natural Science Quantitative (SQ) or General (SG) | 4 | l n | | | | |
| MUP 127 Studio Instruction MUP 3** (Ensemble) 1 | | | | | | | |
| MUP 100 Concert Attendance MUP 232 Class Piano² MUP 232 Class Piano² MTC 223 Music Theory: 20 th Century² Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) MUP 210 Beginning Instrumental Conducting¹ MUP 232 Studio Instruction MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 38* (Ensemble) MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US Grade of C WW Studio Instruction Grade of C Grade of C Grade of C Grade of C Complete MUP 231 by end of term 4 Complete MUP 132 by end of term 4 Complete MUP 231 by end of term 5 | | 4 | П | | Grade of C | | |
| MUP 100 Concert Attendance MUP 232 Class Piano² MTC 223 Music Theory: 20th Century² Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) TERM FIVE: 64-79 CREDIT HOURS MHL 341 Music History¹ MUP 210 Beginning Instrumental Conducting¹ MUP 327 Studio Instruction MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 100 Concert Attendance MUP | | 1 | | | | | |
| MUP 232 Class Piano ² MTC 223 Music Theory: 20 th Century ² Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) HL 341 Music History ¹ MUP 210 Beginning Instrumental Conducting ¹ MUP 327 Studio Instruction MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US Complete MUP 132 by end of term 4 Complete MUP 231 by end of term 5 | | 0 | | | | | |
| MTC 223 Music Theory: 20th Century ² Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) Natural Science Quantitative (SQ) − or if already completed can take Natural Science General (SG) TERM FIVE: 64-79 CREDIT HOURS MHL 341 Music History ¹ MUP 210 Beginning Instrumental Conducting ¹ MUP 327 Studio Instruction MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) − MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US Grade of C | | | | | Grade of C | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) TERM FIVE: 64-79 CREDIT HOURS MHL 341 Music History¹ MUP 210 Beginning Instrumental Conducting¹ MUP 327 Studio Instruction MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 100 Concert Attendance MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US | | - | | | 1 | 1 | |
| Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) TERM FIVE: 64-79 CREDIT HOURS MHL 341 Music History MUP 210 Beginning Instrumental Conducting MUP 327 Studio Instruction MUP 327 Studio Instruction MUP 379 Chamber Music Ensemble MUP 38* (Ensemble) MUP 38* (Ensemble) MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US A Grade of C | | | | | Grade of C | 1 | |
| Natural Science General (SG) TERM FIVE: 64-79 CREDIT HOURS MHL 341 Music History¹ MUP 210 Beginning Instrumental Conducting¹ MUP 327 Studio Instruction MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 38** (Ensemble) MUP 38** (Ensemble) MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) − MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US Compater Music Ensemble Grade of C Grade of C Compater Music Ensemble Grade of C | (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | | |
| MHL 341 Music History¹ MHZ 321 Music History¹ MUP 210 Beginning Instrumental Conducting¹ MUP 327 Studio Instruction MUP 327 Studio Instruction MUP 379 Chamber Music Ensemble MUP 379 Chamber Music Ensemble MUP 38** (Ensemble) MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) − MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US Grade of C | | 4 | | | | | |
| MHL 341 Music History¹ MUP 210 Beginning Instrumental Conducting¹ 1 □ Grade of C MUP 327 Studio Instruction 4 □ Grade of C MUP 379 Chamber Music Ensemble 1 □ Grade of C MUP 379 (Ensemble) 1 □ Grade of C MUP 379 (Complete one semester of concert attendance with a grade of "pass" – students must complete six semesters Complete six semesters Complete MTC 222 by end of term 5 Complete MUP 231 by end of term 5 Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US | | , | | | | | |
| MUP 210 Beginning Instrumental Conducting¹ 1 □ Grade of C MUP 327 Studio Instruction 4 □ Grade of C MUP 379 Chamber Music Ensemble 1 □ Grade of C MUP 379 Chamber Music Ensemble 1 □ Grade of C MUP 379 Chamber Music Ensemble 1 □ Grade of C Grade of C Complete MTC 222 by end of term 5 Complete MUP 231 by end of term 5 Grade of C Complete MUP 231 by end of term 5 Complete MUP 231 by end of term 5 Grade of C Grade of C Grade of C | | 3 | M | | Grade of C | Complete one semester of concert attendance | |
| MUP 327 Studio Instruction 4 □ Grade of C MUP 379 Chamber Music Ensemble 1 □ Grade of C MUP 3** (Ensemble) 1 □ Grade of C MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US | | - | | 1 | | | |
| MUP 379 Chamber Music Ensemble 1 □ Grade of C MUP 3** (Ensemble) 1 □ Grade of C MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US • Complete MUP 231 by end of term 5 Grade of C Grade of C Grade of C | | - | | | 1 | | |
| MUP 3** (Ensemble) MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US Grade of C Grade of C | | | | İ | 1 | | |
| MUP 100 Concert Attendance Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended Social & Behavioral Science (SB) AND Cultural Diversity in the US Grade of C | | 1 | 1 | 1 | 1 | Complete MO1 231 by end of term 3 | |
| Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac Literacy for Musicians Recommended 3 Grade of C Social & Behavioral Science (SB) AND Cultural Diversity in the US | · · · · · · · · · · · · · · · · · · · | 0 | | 1 | 5244C 01 C | 1 | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac | | | | Grade of C | 1 | |
| | Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | | | |



Major Map: Performance (Orchestral Instrument) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|--|
| TERM SIX: 80-93 CREDIT HOURS | | | | | |
| MHL 342 Music History II ² | 3 | \boxtimes | | Grade of C | Complete MTC 223 by end of term 6 |
| MUP 100 Concert Attendance | 0 | | | | Complete MUP 232 by end of term 6 |
| MUP 327 Studio Instruction | 4 | \boxtimes | | Grade of C | |
| MUP 340 Instrumental Conducting | 2 | \boxtimes | | Grade of C | |
| MUP 379 Chamber Music Ensemble | 1 | \boxtimes | | Grade of C | |
| MUP 495 Performance | 0 | | | | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM SEVEN: 94-107 CREDIT HOURS | | | | | |
| MUP 327 Studio Instruction | 4 | \boxtimes | | Grade of C | Complete one semester of concert attendance with |
| MUP 379 Chamber Music Ensemble | 1 | \boxtimes | | Grade of C | a grade of "pass" – if six semesters not completed |
| MUP 451 Repertoire | 2 | | | Grade of C | |
| MUP 3** (Ensemble) | 1 | | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Sciences (SB) | 3 | \boxtimes | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM EIGHT: 108-121 CREDIT HOURS | | | | | |
| MHL 3** or 4** History (Recommend MHL with Literacy designation) | 3 | | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – if six semesters not completed |
| MUP 327 Studio Instruction | 4 | \boxtimes | | Grade of C | |
| MUP 379 Chamber Music Ensemble | 1 | \boxtimes | | Grade of C | |
| MUP 481 Performance Pedagogy and Materials | 2 | \boxtimes | | Grade of C | |
| MUP 496 Performance | 0 | | | | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) (If not already completed with MHL with Literacy designation) | 3 | \boxtimes | | | |
| Elective (necessary if upper division literacy is MHL course) | 0-2 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

- MHL 201 and MHL 440 are recommended electives
- ¹ Course offered fall semester only.

² Course offered spring semester only.



Major Map: Performance (Voice) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965,5069) for testing information.

| | | | | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|--------------------------|---------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-16 CREDIT HOURS | | | | | |
| ASU 101 The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only; |
| MHL 140 Music as Culture | 3 | | | Grade of C | Not required of transfer students |
| MUP 127 Studio Instruction | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| MUP 3** Ensemble (MUP 352 Chamber Singers or 353 Symphonic | | | | | composition courses |
| Choral recommended) | 1 | | | Grade of C | ASU Math Placement Exam score |
| MUP 100 Concert Attendance | 0 | | | | determines placement in Mathematics course Complete one semester of concert attendance |
| MUP 131 Class Piano ¹ | 1 | | | Grade of C | with a grade of "pass" – students must |
| MTC 125 Basic Music Theory ¹ | 3 | | | Grade of C | complete six semesters |
| ENG 101 or 102 First-Year Composition or | | | | | Complete First-Year Composition requirement by the end of term 3 |
| ENG 101 of 102 First-Year Composition of | | | | | Complete Math requirement by the end of |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | term 2 |
| TERM TWO: 17-34 CREDIT HOURS | | | | | |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Complete one semester of concert attendance |
| MUP 3** Ensemble (MUP 352 Chamber Singers or 353 Symphonic | | | | | with a grade of "pass" – students must complete six semesters |
| Choral recommended) | 1 | | | Grade of C | Complete Six semesters Complete First-Year Composition |
| MAT 142 College Mathematics (MA) | 3 | | | | requirement by the end of term 3 |
| MUP 100 Concert Attendance | 0 | | | | Students must complete MAT 142 or higher |
| MUP 132 Class Piano ² | 1 | | | Grade of C | by the end of term 2 Complete 12 hours of upper division |
| MTC 221 Music Theory: 18 th Century ² | 3 | | | Grade of C | coursework by end of term 5 |
| ENG 101 or 102 First-Year Composition or | | | | Glade of C | Second language diction: French, German or |
| ENG 105 Advanced First-Year Composition or | | | | | Italian |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | All performance voice students must complete a second language 101, including one |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | | semester of French 101, German 101 or |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | Italian 101. |
| TERM THREE: 35-51 CREDIT HOURS | | | | | |
| MUP 127 Studio Instruction | 4 | | | | Complete one semester of concert attendance |
| MUP 250 Foreign Language Diction | 1 | | | Grade of C | with a grade of "pass" – students must complete six semesters |
| MUP 3** Ensemble (MUP 352 Chamber Singers or 353 Symphonic Choral recommended) | 1 | | | Grade of C | Complete First-Year Composition |
| Second Language 101 | 4 | | | Grade of C | requirement by the end of term 3 Second language diction: French, German or |
| | | | | Glade of C | Italian |
| MUP 100 Concert Attendance | 0 | | | | All performance voice students must complete |
| MUP 231 Class Piano ¹ | 1 | | | Grade of C | a one semester of French 101, German 101 and Italian 101, and one semester of 102 in |
| MTC 222 Music Theory: 19 th Century ¹ | 3 | | | Grade of C | the language of their choice |
| Computer/Statistics/Quantitative applications (CS) – MHL 201: Mac | | | | | Complete MTC 125 by end of term 3 |
| Literacy for Musicians Recommended | 3 | | <u> </u> | Grade of C in MHL 201 | Complete MUP 131 by end of term 3 |
| TERM FOUR: 52-69 CREDIT HOURS | | | | | |
| MUP 127 Studio Instruction | 4 | | | Grade of C | Second language diction: French, German or |
| MUP 250 Foreign Language Diction | 1 | | | Grade of C | Italian |
| MUP 3** Ensemble (MUP 352 Chamber Singers or 353 Symphonic | l . ¯ | | | 0 1 60 | All performance voice students must complete a one semester of French 101, German 101 |
| Choral recommended) | 1 | | | Grade of C | and Italian 101, and one semester of 102 in the language of their choice Complete one semester of concert attendance |
| Second Language 101 | 4 | | | Grade of C | |
| MUP 100 Concert Attendance | 0 | | | | with a grade of "pass" – students must |
| MUP 232 Class Piano ² | 1 | | | Grade of C | complete six semesters |
| MTC 223 Music Theory: 20 th Century ² | 3 | | | Grade of C | Complete MTC 221 by end of term 4 |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | Complete MUP 132 by end of term 4 |



Major Map: Performance (Voice) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|--|
| TERM FIVE: 67-87 CREDIT HOURS | | | | | |
| MHL 341 Music History ¹ | 3 | \boxtimes | | Grade of C | Complete Second Language 101 and 102 by the |
| MUP 250 Foreign Language Diction | 1 | | | Grade of C | end of term 6 |
| MUP 327 Studio Instruction | 4 | | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must complete six |
| MUP 3** (Ensemble) | 1 | | | Grade of C | semesters |
| MUP 4** (Repertoire/Pedagogy) | 2 | | | Grade of C | All performance voice students must complete a |
| MUP 100 Concert Attendance | 0 | | | | one semester of French 101, German 101 and Italian 101, and one semester of 102 in the |
| Second Language 101 | 4 | | | Grade of C | language of their choice |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | Complete MTC 222 by end of term 5 Complete MUP 131 by end of term 5 |
| TERM SIX: 88-105 CREDIT HOURS | | | | | |
| MUP 209 Beginning Choral Conducting | 1 | | | Grade of C | Complete Second Language 101 and 102 by the |
| MHL 342 Music History ² | 3 | \boxtimes | | Grade of C | end of semester 6 Complete one semester of concert attendance with |
| MUP 100 Concert Attendance | 0 | | | | a grade of "pass" – students must complete six |
| MUP 327 Studio Instruction | 4 | \boxtimes | | Grade of C | semesters |
| MUP 495 Performance | 0 | | | | Complete MTC 223 by end of term 6 Complete MUP 132 by end of term 6 |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | Complete WOF 132 by end of term o |
| MUP 4** (Repertoire/Pedagogy) | 2 | \boxtimes | | Grade of C | |
| Second Language 102 | 4 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM SEVEN: 106-121 CREDIT HOURS | | | | | |
| MUP 327 Studio Instruction | 4 | \boxtimes | | Grade of C | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | |
| MUP 4** (Repertoire/Pedagogy) | 2 | \boxtimes | | Grade of C | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Sciences (SB) | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM EIGHT: 122-134 CREDIT HOURS | | | 1 | <u> </u> | |
| MHL 3** or 4** History (Recommend MHL with Literacy designation) | 3 | | | Grade of C | |
| MUP 327 Studio Instruction | 4 | ⊠ | | Grade of C | 1 |
| MUP 3** (Ensemble) | 1 | | | Grade of C | 7 |
| MUP 3** or 4** Elective | 1 | ⊠ | | Grade of C | 1 |
| MUP 496 Performance | 0 | | | | 1 |
| Natural Science Quantitative (SQ) – or if already completed can take Natural Science General (SG) | 4 | | | | |
| Upper Division Literacy and Critical Inquiry (if not already completed with MHL with Literacy designation) | 0-3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

- Must complete four semesters of MUP 352/353 ensembles
- Depending on level of second language proficiency, this degree may require more than 120 hours.

¹ Course offered fall semester only.

² Course offered spring semester only.



Major Map: Theatre – Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

MILESTONE – All students who wish to pursue a BA in Theatre must pass the Undergraduate Theatre Interview which includes submission of a creative sample (audition, portfolio or writing sample). Interviews take place in the semester prior to arrival on campus or during the first semester of enrollment.

| | | | | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|---|------|-------------------|--------------------------|--|--|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | | |
| TERM ONE: 0-14 CREDIT HOURS | | | | | | | |
| THE 125 Orientation to Theatre & Film | 1 | | | Grade of B- | An SAT, ACT, Accuplacer, or TOEFL score | | |
| Complete 1 of the following courses: | | | | *Students wishing to | determines placement into first-year composition courses | | |
| THP 102 Acting I: Fundamentals* | | | | pursue Acting concentration, minimum grade of B- required in | ASU Math Placement Exam score determines placement in Mathematics course | | |
| THP 213 Intro to Technical Theatre or THP 214 Intro to Costuming | | | | THP 102; all others | MAT 142 (or higher) (MA) must be completed | | |
| | | _ | | minimum grade of C | by end of term 2 First-year composition requirement must be | | |
| | | | | required | completed by end of term 3 | | |
| THP 201 Theatre Production Crew ENG 101 or 102 First-Year Composition or | | | | Grade of C | THP 102, 201, and 213 or 214 must be | | |
| ENG 107 or 108 English for Foreign Students or | | | | | completed by end of term 3 • MILESTONE – Students who did not | | |
| ENG 105 Advanced First-Year Composition | | | | Grade of C | complete the Undergraduate Theatre Interview | | |
| Complete 1 course from: MAT 142 College Mathematics (MA) or Social & Behavioral Science (SB) | | | | | prior to enrollment must complete this | | |
| | | | | | requirement by the end of this term Minimum 2.5 cumulative GPA in Theatre & | | |
| | | | | | Film courses; Minimum 2.0 cumulative GPA | | |
| | | | | | | | |
| TERM TWO: 15-30 CREDIT HOURS | 3 | | | | | | |
| TERM I WOULD OF CREDIT HOURS | | | | | MAT 142 (or higher) (MA) must be completed | | |
| Complete remaining course from: | | | | *Students wishing to | by end of term 2 | | |
| THP 102 Acting I: Fundamentals* | | | | pursue Acting concentration, minimum | First-year composition requirement must be | | |
| 1111 102 Acting 1. Pulluamentais | | | | grade of B- required in | completed by end of term 3 | | |
| THP 213 Intro to Technical Theatre or THP 214: Intro to Costuming | | | | THP 102; all others | TIID 102 201 and 212 and 214 amount be | | |
| | | | | minimum grade of C required | THP 102, 201, and 213 or 214 must be completed by end of term 3 | | |
| ENG 101 or 102 First-Year Composition or | 3/4 | | | | | | |
| ENG 107 or 108 English for Foreign Students or ENG 105 Advanced First-Year Composition | | | | | Minimum 2.5 cumulative GPA in Theatre & Film courses; Minimum 2.0 cumulative GPA | | |
| | | | | Grade of C | Film courses, Millimum 2.0 cumulative GPA | | |
| Cultural Diversity in the US (C) | 3 | | | | | | |
| Complete remaining course from: | | | | | | | |
| MAT 142 College Mathematics (MA) or Social & Behavioral Science (SB) | | | | | | | |
| Elective | 3 | | | | | | |
| TERM THREE: 31-46 CREDIT HOURS | 3 | | | | | | |
| THE 220 Principles of Dramatic Analysis (L) | 3 | | | Grade of C | First-year composition requirement must be | | |
| Social and Behavioral Science (SB) | 3 | | | Grade of C | completed by end of term 3 | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | THP 102, 201, and 213 or 214 must be completed by end of term 3 | | |
| Natural Science-Quantitative (SQ) | 4 | | | | Minimum 2.5 cumulative GPA in Theatre & | | |
| Elective | 3 | | | | Film courses; Minimum 2.0 cumulative GPA | | |
| TERM FOUR: 47-60 CREDIT HOURS | | | | <u> </u> | | | |
| JOHN STREET HOURS | | | | | Minimum 2.5 cumulative GPA required in | | |
| THP 218 The Director's Vision | 3 | | | Grade of C | Theatre & Film (THE, THP, FMP) courses | | |
| THP 301 Theatre Production | 1 | \boxtimes | | Grade of C | Minimum 2.0 cumulative GPA required | | |
| Related elective from courses with FMP, THE or THP prefix | 3 | | | Grade of C | | | |
| Natural Science (SG or SQ) | 4 | | | | | | |
| Elective | 3 | | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | NG : 05 1 : 57 : : : | | |
| THE 320 History of the Theatre I (HU, H) | 3 | | | Grade of C | Minimum 2.5 cumulative GPA required in Theatre & Film (THE, THP, FMP) courses | | |
| THP 313 Fundamentals of Design Upper division related elective from courses with FMP, THE or THP prefix | | \boxtimes | | Grade of C | Minimum 2.0 cumulative GPA required | | |
| | | \boxtimes | | Grade of C | | | |
| • | 3 | | | | | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | | | | |
| Elective | 3 | | | | | | |

Major Map: Theatre – Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| THE 321 History of the Theatre II (HU, H) | 3 | \boxtimes | | Grade of C | Minimum 2.5 cumulative GPA required in |
| Upper division THE/THP course – Dramatic Literature focus | 3 | ⊠ | | Grade of C | Theatre & Film (THE, THP, FMP) courses • Minimum 2.0 cumulative GPA required |
| Upper division related elective from courses with FMP, THE or THP prefix | 3 | | | Grade of C | - William 2.0 cumulative of A required |
| Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB) | 3 | | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| THE 440 Experimental Theatre & Performance | 3 | \boxtimes | | Grade of C | Minimum 2.5 cumulative GPA required in The Court of the Court of |
| Upper division related elective from courses with FMP, THE or THP prefix | 3 | | | Grade of C | Theatre & Film (THE, THP, FMP) courses • Minimum 2.0 cumulative GPA required |
| Upper division related elective from courses with FMP, THE or THP prefix | 3 | | | Grade of C | |
| Upper division related elective from courses with FMP, THE or THP prefix | 3 | | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| THP 428 Theatre and the Future | 3 | \boxtimes | | Grade of C | Minimum 2.5 cumulative GPA required in |
| Upper division related elective from courses with FMP, THE or THP prefix | 3 | | | Grade of C | Theatre & Film (THE, THP, FMP) courses • Minimum 2.0 cumulative GPA required |
| Upper division related elective from courses with FMP, THE or THP prefix | 3 | | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | Grade of C | |
| Global Awareness (G) | 3 | | | Grade of C | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|------------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Theatre (Acting) – Bachelor of Arts (B.A.) Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

MILESTONE - All students who wish to pursue a BA in Theatre must pass the Undergraduate Theatre Interview which includes submission of a creative sample (audition, portfolio or writing sample). Interviews take place in the semester prior to arrival on campus or during the first semester of enrollment.

| | | | Competed Tran | nsfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|-------------------|--------------------------|----------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirements Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | · | |
| THE 125 Orientation to Theatre & Film | 1 | | | Grade of B- | ASU 101 is for freshman ASU students only. | |
| | | | | | Not required for transfer students. • An SAT, ACT, Accuplacer, or TOEFL score | |
| THP 102 Acting I: Fundamentals* | 3 | | | Grade of B- | determines placement into first-year | |
| | | | | | composition courses | |
| THP 213 Intro to Technical Theatre OR THP 214: Intro to Costuming | 4 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course | |
| | | | | | First-year composition requirement must be | |
| THP 201 Theatre Production Crew | 1 | | | Grade of C | completed by end of term 3 MAT 142 (or higher) (MA) must be completed | |
| | | | | | by end of term 2 | |
| ENG 101 or 102 First-Year Composition or | | | | | • THP 102, 201, and 213 or 214 must be | |
| ENG 107 or 108 English for Foreign Students or ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | completed by end of term 4 • MILESTONE – Students who did not complete | |
| | | | | | the Undergraduate Theatre Interview prior to | |
| | | | | | enrollment must complete this requirement by | |
| | | | | | the end of this term | |
| | | | | | BA Theatre (Acting) additional requirements: | |
| MAT 142 College Mathematics (MA) OR Social and Behavioral Science AND Cultural Diversity in the US | | | | | Minimum 3.0 cumulative GPA in Theatre & Film courses | |
| awareness (C) OR Global Awareness (G) | 3 | | | | Minimum 2.5 cumulative GPA | |
| TERM TWO: 16-31 CREDIT HOURS | | | | | | |
| Complete at least 1 of the following courses (both must be completed | | | | | First-year composition requirement must be | |
| by end of term 3): THP 272 Acting: Intro to Movement | | | | | completed by end of term 3 MAT 142 (or higher) (MA) must be completed | |
| THP 277 Acting: Intro to Wovement THP 277 Acting: Intro to Voice | 3 | | | Grade of B- | by end of term 2 | |
| ENG 101 or 102: First-Year Composition or | | | | | THP 102, 201, and 213 or 214 must be completed by end of term 4 | |
| ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | completed by end of term 4 | |
| ENG 103. Advanced First-Tear Composition | | | | Grade of C | # Theatre (Acting) prospective students must | |
| Natural Science-Quantitative (SQ) | 4 | | | | complete THP 272 Acting: Intro to Movement, THP 277 Acting: Intro to Voice, and THP 202 | |
| Social and Behavioral Science AND Cultural Diversity in the US | | | | | Acting II: Scene Study prior to interview | |
| awareness (C) OR Global Awareness (G); OR MAT 142 College Mathematics (MA); OR if both completed, take | | | | | | |
| Elective | 3 | | | | BA Theatre (Acting) additional requirements: • Minimum 3.0 cumulative GPA in Theatre & | |
| | | | | | Film courses | |
| Elective | 3 | | | | Minimum 2.5 cumulative GPA | |
| TERM THREE: 32-46 CREDIT HOURS | | | | | First-Year Composition Completed | |
| THE 220 Dringings of Dromotic Analysis (I.) | 3 | | | Grade of B- | • THP 102, 201, and 213 or 214 must be | |
| THE 220 Principles of Dramatic Analysis (L) | 3 | | | Glade of B- | completed by end of term 4 | |
| Complete remaining course from (both must be completed by end of | | | | | # Theatre (Acting) prospective students must | |
| term 3): | | | | | complete THP 272 Acting: Intro to Movement, | |
| THP 272 Acting: Intro to Movement THP 277 Acting: Intro to Voice | 2 | | | ContactD | THP 277 Acting: Intro to Voice, and THP 202 Acting II: Scene Study prior to interview | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | Grade of B- | Acting II: Scene Study prior to interview | |
| computer/Statistics/Quantitative applications (CS) | , | | | | BA Theatre (Acting) additional requirements: | |
| Elective | 3 | | | | Minimum 3.0 cumulative GPA in Theatre & Film courses | |
| Elective | 3 | | | | Minimum 2.5 cumulative GPA | |
| TERM FOUR: 47-60 CREDIT HOURS | | | | | | |
| | | | | | • THP 102, 201, and 213 or 214 must be | |
| | | | | | completed by end of term 4 | |
| THP 218 The Director's Vision | 3 | | | Grade of C | # Theatre (Acting) prospective students must | |
| | | | | | complete THP 272 Acting: Intro to Movement, THP 277 Acting: Intro to Voice, and THP 202 | |
| THP 301 Theatre Production | 1 | \boxtimes | | Grade of C | Acting II: Scene Study prior to interview | |
| | | | | | 7. | |
| THID 202 A. C. H. C C | _ | | | 0 1 00 | BA Theatre (Acting) additional requirements: Minimum 3.0 cumulative GPA in Theatre & | |
| THP 202 Acting II: Scene Study | 3 | | | Grade of B- | Minimum 3.0 cumulative GPA in Theatre & Film courses Minimum 2.5 cumulative GPA | |
| | | | | | | |
| Natural Science (SG or SQ) | 4 | | | | MILESTONE – BA Theatre students wanting to | |
| | | | | | pursue the Acting concentration must successfully | |
| Social and Behavioral Science AND Cultural Diversity in the US awareness (C) OR Global Awareness (G) | 3 | | | | pass an additional interview and audition at the end of term four. | |



Major Map: Theatre (Acting) - Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirements Notes |
|--|------------|-------------------|--------------------------|------------------------------|--|
| Major map and critical requirements for stud | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | ents wno p | asseu auum | onai interview a | ina portiono review to | r admission to Acting concentration. |
| THE 320 History of the Theatre I (HU, H) | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in Theatre |
| THP 313 Fundamentals of Design | 3 | \boxtimes | | Grade of C | & Film courses Minimum 2.5 cumulative GPA required |
| THP 302 Acting III: Advanced Techniques | 3 | \boxtimes | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| THE 321 History of the Theatre II (HU, H) | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in Theatre |
| THE/THP course – Dramatic Literature focus | 3 | \boxtimes | | Grade of C | & Film courses • Minimum 2.5 cumulative GPA required |
| Upper division Acting Elective with THP prefix | 3 | \boxtimes | | Grade of C | Minimum 2.5 cumulative of A required |
| Upper division Acting Elective with THP prefix | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| THE 440 Experimental Theatre & Performance | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in Theatre |
| Upper division Acting Elective with THP prefix | 3 | \boxtimes | | Grade of C | & Film courses • Minimum 2.5 cumulative GPA required |
| Upper division elective | 3 | \boxtimes | | | William 2.5 cumulative of A required |
| Upper division elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| THP 428 Theatre and the Future | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA required in Theatre |
| THP 489 Acting: Audition Techniques & Career Development | 3 | \boxtimes | | Grade of C | & Film courses • Minimum 2.5 cumulative GPA required |
| Upper division elective | 3 | \boxtimes | | | William 2.3 cumulative of A required |
| Humanities, Fine Arts, and Design (HU) or Social & Behavioral Science (SB) | 3 | | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition



Major Map: Theatre (Design & Production) – Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

MILESTONE – All students who wish to pursue a BA in Theatre must pass the Undergraduate Theatre Interview which includes submission of a creative sample (audition, portfolio or writing sample). Interviews take place in the semester prior to arrival on campus or during the first semester of enrollment.

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|----------|-------------|--|----------------------------|---|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirements Notes | |
| TERM ONE: 0-14 CREDIT HOURS | | | ı | | AUGAT ACT Accordance TOFFI | |
| THE 125 Orientation to Theatre & Film | 1 | | | Grade of B- | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition | |
| Complete 1 course from: THP 213 Intro to Technical Theatre or | | | | | courses | |
| THP 214 Intro to Costuming | 4 | | | Grade of C | ASU Math Placement Exam score determines | |
| Complete 1 of the following courses (both must be completed by end of | | | | | placement in a Mathematics course MAT 142 (or higher) (MA) must be completed | |
| term 4) | | | | | by end of term 2 | |
| THP 102 Acting I: Fundamentals* | | | | | • THP 102, 201 must be completed by end of term | |
| | | | | | 4 | |
| THP 201 Theatre Production Crew | 3/1 | | | Grade of C | • THP 213 & 214 must be completed by end of term 2 | |
| ENG 101 or 102 First-Year Composition or | 3/1 | | | Grade of C | Minimum 3.0 cumulative GPA in Theatre & | |
| ENG 107 or 108 English for Foreign Students or | | l _ | | | Film courses | |
| ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | Minimum 2.5 cumulative GPA MILESTONE – Students who did not complete | |
| Complete 1 course from: | | | | | the Undergraduate Theatre Interview prior to | |
| MAT 142 College Mathematics (MA) or | | _ | | | enrollment must complete this requirement by | |
| Social & Behavioral Science (SB) | 3 | | | | the end of this term | |
| TERM TWO: 15-28 CREDIT HOURS | | | İ | | • First and the second | |
| Complete remaining course from: THP 213: Intro to Technical Theatre or | | | | | First-year composition requirement must be completed by end of term 3 | |
| THP 214: Intro to Costuming | 4 | | | Grade of C | MAT 142 (or higher) (MA) must be completed | |
| Complete 1 of the following courses (both must be completed by end of | | | | | by end of term 2 | |
| term 4) | | | | | THP 102, 201 must be completed by end of term 4 | |
| THD 102 Acting Is Fundamentals* | | | | | THP 213 & 214 must be completed by the end | |
| THP 102 Acting I: Fundamentals* | | | | | of term 2 | |
| THP 201 Theatre Production Crew | 3/1 | | | Grade of C | Minimum 3.0 cumulative GPA in Theatre & Film courses | |
| ENG 101 or 102 First-Year Composition or | | | | | Minimum 2.5 cumulative GPA | |
| ENG 107 or 108 English for Foreign Students or ENG 105 Advanced First-Year Composition | 3 | | | Grade of C | MILECTONIE DA Thanks atradante constitue to | |
| · | | | | Grade or c | MILESTONE – BA Theatre students wanting to pursue the Design & Production concentration | |
| Complete remaining course from: | | | | | must successfully pass an additional interview | |
| MAT 142 College Mathematics (MA) or Social & Behavioral Science (SB) | 3 | | | | and portfolio review at the end of term two | |
| Elective | 3 | | | | provided they have completed THP 213 and 214. | |
| Major map and critical requirements for students who p | | | erview and nort | folio review for admission | · | |
| TERM THREE: 29-44 CREDIT HOURS | assea na | | er view and port | iono review for admission | to Design & Frontedon concentration. | |
| THE 220 Principles of Dramatic Analysis (L) | 3 | | | Grade of C | First-Year Composition Completed | |
| THP 313 Fundamentals of Design | 3 | ⊠ | | Grade of C | THP 102, 201 must be completed by end of term | |
| Social and Behavioral Science (SB) | 3 | | | | Minimum 3.0 cumulative GPA in Theatre & | |
| Natural Science-Quantitative (SQ) | 4 | | | | Film courses | |
| Elective | 3 | | | | Minimum 2.5 cumulative GPA | |
| TERM FOUR: 45-58 CREDIT HOURS | | | | | | |
| THP 218 The Director's Vision | 3 | | | Grade of C | THP 102, 201 must be completed by end of term | |
| THP 301 Theatre Production | 1 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA in Theatre & | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | Film courses | |
| Cultural Diversity in the United States (C) | 3 | | | | Minimum 2.5 cumulative GPA | |
| Elective | 3 | | | | | |
| TERM FIVE: 59-74 CREDIT HOURS | | | | | | |
| THE 320 History of the Theatre I (HU, H) | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA in Theatre & | |
| Choose 1 from: THP 317 Stage Management, THP 340 Scene Design, | | | | | Film courses • Minimum 2.5 cumulative GPA | |
| THP 345 Lighting Design, THP 350 Sound Design, THP 430 Costume Design, THP 442 Drawing, THP 450 Theatre Organization & | | | | | 2.5 Canada V OI II | |
| Management, or THP 494 Special Topics: *Design and Production* | 3 | \boxtimes | | Grade of C | | |
| Upper division concentration elective course with THE or THP prefix | 3 | \boxtimes | | Grade of C | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | |] | |
| FILE (CIVID 401 FILE & D. C.) | | | | Grade of C | | |
| Elective (THP 401 Theatre Practicum recommended) Elective | 1-2 | | | for THP 401 | - | |
| Licetive | 3 | | Ī | | Ĭ | |



Major Map: Theatre (Design & Production) – Bachelor of Arts (B.A.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirements Notes | |
|--|-------|-------------------|--------------------------|------------------------------|--|--|
| TERM SIX: 75-90 CREDIT HOURS | 1113. | Division | course/Grade | Required | Additional Critical requirements Potes | |
| THE/THP course – Dramatic Literature focus | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA in Theatre & Film | |
| THE 321 History of the Theatre II (HU, H) | 3 | | | Grade of C | courses • Minimum 2.5 cumulative GPA | |
| Choose 1 additional course from: THP 317 Stage Management, THP 340 Scene Design, THP 345 Lighting Design, THP 350 Sound Design, THP 430 Costume Design, THP 442 Drawing, THP 450 Theatre Organization & Management, or THP 494: Special Topics: *Design | | | | | - William 2.3 cumulative GFA | |
| and Production* | 3 | \boxtimes | | Grade of C | | |
| Upper division concentration elective course with THE or THP prefix | 3 | \boxtimes | | Grade of C | | |
| Elective (THP 401 Theatre Practicum recommended) | 1-2 | | | Grade of C for THP 401 | | |
| Elective | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| THE 440 Experimental Theatre & Performance | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA in Theatre & Film | |
| Choose 1 additional course from: THP 317 Stage Management, THP 340 Scene Design, THP 345 Lighting Design, THP 350 Sound Design, THP 430 Costume Design, THP 442 Drawing, THP 450 Theatre Organization & Management, or THP 494 Special Topics: *Design and | | | | | courses Minimum 2.5 cumulative GPA | |
| Production* | 3 | \boxtimes | | Grade of C | | |
| Upper division concentration elective course with THE or THP prefix | 3 | \boxtimes | | Grade of C | | |
| Upper division elective | 3 | \boxtimes | | | | |
| Elective | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| THP 428 Theatre and the Future | 3 | \boxtimes | | Grade of C | Minimum 3.0 cumulative GPA in Theatre & Film | |
| Choose 1 additional course from: THP 317 Stage Management, THP 340 Scene Design, THP 345 Lighting Design, THP 350 Sound Design, THP 430 Costume Design, THP 442 Drawing, THP 450 Theatre Organization & Management, or THP 494 Special Topics: *Design and | | | | | courses Minimum 2.5 cumulative GPA | |
| Production* | 3 | \boxtimes | | Grade of C | | |
| Humanities, Fine Arts, and Design (HU) or Social & Behavioral Science (SB) | 3 | | | | | |
| Global Awareness (G) | 3 | | | | | |
| Elective | 1-3 | | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|------------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - O Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)

- o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Theory & Composition (Composition) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

Milestone 3: All music majors (with the exception of those auditioning on keyboard instruments) must take the piano diagnostic exam prior to registering for class piano. Students who do not take the diagnostic will register for MUP 131 and may take the diagnostic during the week before school starts.

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------|--|---------------------------|--|--|
| Course Subject and Title | | Upper | Transfer | | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | MUP 194 is for ASU freshman students only | |
| MUP 194 The ASU School of Music Experience | 1 | | | 0.1.60 | Not required of transfer students | |
| MTC 123 Beginning Composition | 1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | |
| MTC 125 Basic Music Theory ¹ | 2 | | | Grade of C | determines placement into first-year composition courses | |
| MUP 111 Studio Instruction | 1 | | | Grade of C | ASU Math Placement Exam score | |
| MUP 3** (Ensemble) | 1 | | | Grade of C | determines placement in Mathematics course | |
| MUP 100 Concert Attendance | 0 | | | | Complete one semester of concert attendance with a grade of "pass" – students must | |
| MUP 131 Class Piano ¹ | 1 | | | Grade of C | complete six semesters | |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or | | | | | Complete First-Year Composition | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | requirement by the end of term 3 • Complete Math requirement by the end of | |
| | | | | | term 2 | |
| | | | | | Complete 12 hours of upper division | |
| MAT 142 College Mathematics (MA) | 3 | | | | coursework be end of term 5 | |
| TERM TWO: 16-32 CREDIT HOURS | 2 | | | Condo of C | Complete one semester of concert attendance | |
| MHL 140 Music as Culture | 3 | | | Grade of C | with a grade of "pass" – students must | |
| MTC 221 Music Theory: 18 th Century ² | 2 | | | Grade of C | complete six semesters | |
| MUP 111 Studio Instruction | | | | Grade of C | Complete First-Year Composition requirement by the end of term 3 | |
| MTC 123 Beginning Composition | 1 | | | Grade of C | Complete Math requirement by the end of | |
| MUP 3** (Ensemble) MHL 201 Mac Literacy for Musicians (CS) | 3 | | | Grade of C | term 2 | |
| , , , | | | | | Complete 12 hours of upper division coursework be end of term 5 | |
| MUP 100 Concert Attendance | 0 | | | | | |
| MUP 132 Class Piano ² | 1 | | | Grade of C | | |
| ENG 101 or 102 First-Year Composition or ENG 105 Advanced First-Year Composition or | | | | | | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | | |
| TERM THREE: 33-46 CREDIT HOURS | | | | | | |
| MTC 123 Beginning Composition | 1 | | | Grade of C | Complete one semester of concert attendance | |
| MTC 222 Music Theory: 19th Century ¹ | 3 | | | Grade of C | with a grade of "pass" – students must complete six semesters | |
| MTC 320 Modal Counterpoint ¹ | 2 | \boxtimes | | Grade of C | Complete MUP 131 by end of term 3 | |
| MUP 111 Studio Instruction | 2 | | | Grade of C | | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | | |
| MUP 100 Concert Attendance | 0 | | | | | |
| MUP 231 Class Piano ¹ | 1 | | | Grade of C | 1 | |
| Natural Science Quantitative (SQ) | 4 | | | | | |
| TERM FOUR: 47-62 CREDIT HOURS | | | | | | |
| MTC 223 Music Theory: 20th Century ² | 3 | | | Grade of C | Complete 12 hours of upper division | |
| MTC 321 Tonal Counterpoint ² | 2 | \boxtimes | | Grade of C | coursework be end of term 5 Complete one semester of concert attendance | |
| MUP 111 Studio Instruction | 2 | | | Grade of C | with a grade of "pass" – students must | |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | complete six semesters | |
| MUP 100 Concert Attendance | 0 | | | | Complete MUP 132 by end of term 4 | |
| MUP 232 Class Piano ² | 1 | | | Grade of C | 1 | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | _ | | | 1 | |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | 4 | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | 1 | | | |



Major Map: Theory & Composition (Composition) -Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|------|-------------------|--------------------------|------------------------------|--|
| TERM FIVE: 63-77 CREDIT HOURS | | | | | |
| MHL 341 Music History ¹ | 3 | \boxtimes | | Grade of C | Complete 12 hours of upper division coursework |
| MTC 323 Composition | 2 | \boxtimes | | Grade of C | be end of term 5 Complete one semester of concert attendance with |
| MTC 436 Electronic Studio Techniques I | 2 | | | Grade of C | a grade of "pass" – students must complete six |
| MUP 209 Beginning Choral Conducting or MUP 210 Beginning Instrumental Conducting ¹ | 1 | | | Grade of C | semesters Complete MUP 231 by end of term 5 |
| MUP 3** Ensemble | 1 | | | Grade of C | Complete 1 semester of conducting by end of term |
| MUP *** Studio Instruction or Methods | 1/2 | | | Grade of C | 6; may choose MUP 209 or MUP 210 • Must complete four semesters (8 hours) of MUP |
| MUP 100 Concert Attendance | 0 | | | | 111: Studio Instruction. Two additional hours |
| MTC 3** or 4** (Elective) | 2/3 | | | | may be selected for 1 additional studio instruction |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | course or 2 hours of methods courses including MUP 121 or MUE 317-338. |
| TERM SIX: 78-92 CREDIT HOURS | | | | | |
| MUP 209 Beginning Choral Conducting | (1) | | | Grade of C | Complete one semester of concert attendance |
| MHL 342 Music History II ² | 3 | \boxtimes | | | with a grade of "pass" – students must complete six semesters |
| MTC 323 Composition | 2 | \boxtimes | | | Complete MUP 232 by end of term 6 |
| MTC 433 Orchestration | 2 | | | | Complete 1 semester of conducting by end of |
| MUP 100 Concert Attendance | 0 | | | | term 6; may choose MUP 209 or MUP 210 |
| MUP 3** Ensemble | 1 | | | | |
| MUP *** Studio Instruction or Methods | 1/2 | \boxtimes | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| TERM SEVEN: 93-107 CREDIT HOURS | | | | | |
| MTC 323 Composition | 3 | | | | Complete one semester of concert attendance |
| MHL 3** or 4** (Recommend MHL with literacy designation) | 3 | | | | with a grade of "pass" – if six semesters not completed |
| Upper division MTC Elective | 3 | \boxtimes | | | Completed |
| Upper division Music Elective | 3 | | | | |
| Upper division Literacy and Critical Inquiry (L) (Recommend MHL with literacy designation) | 3 | | | | |
| TERM EIGHT: 108-120 CREDIT HOURS | | | | | |
| MTC 323 Composition | 2 | \boxtimes | | | Complete one semester of concert attendance |
| MUP 495 Performance: Composition Recital | 0 | | | | with a grade of "pass" – if six semesters not |
| Upper division MTC Elective | 2/3 | | | | completed |
| Upper division Music Elective (MHL 440 recommended) | 3 | | | | 7 |
| Humanities, Fine Arts & Design (HU) | 3 | | | | 7 |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | |
| Elective (if upper division literacy is MHL course) | 0-1 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - 0 Historical Awareness (H)
- First-Year Composition

- Course offered fall semester only.
- ² Course offered spring semester only.



Major Map: Theory & Composition (Theory) – Bachelor of Music (B.Mus.)

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

Prior to semester 1:

Milestone 1: All students who wish to enroll in an undergraduate music degree program are required to pass an entrance audition in their primary performing medium (instrument or voice) before pursuing a major in the School of Music.

Milestone 2: All music majors must take the music theory diagnostic exam before registering for classes. Contact the School of Music Undergraduate Office (480.965.5069) for testing information.

Milestone 3: All music majors (with the exception of those auditioning on keyboard instruments) must take the piano diagnostic exam prior to registering for class piano. Students who do not take the diagnostic will register for MUP 131 and may take the diagnostic during the week before school starts.

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|--------------------------|----------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-17 CREDIT HOURS | ПIS. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| MUP 194 The ASU School of Music Experience | 1 | | | | MUP 194 is for ASU freshman students only. |
| MTC 125 Basic Music Theory ¹ | 3 | | | Grade of C | Not required of transfer students |
| MUP 111 Studio Instruction | 2 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| MUP 3** (Ensemble) | 1 | | | Grade of C | determines placement into first-year composition courses |
| MUP 100 Concert Attendance | 0 | | | Grade of C | ASU Math Placement Exam score determines |
| MUP 131 Class Piano ¹ | 1 | | | ClfC | placement in Mathematics course |
| ENG 101 or 102 First-Year Composition or | 1 | Ш | | Grade of C | Complete one semester of concert attendance with a grade of "pass" – students must complete |
| ENG 105 Advanced First-Year Composition or | | | | | six semesters |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | Complete First-Year Composition requirement |
| MAT 142 College Mathematics (MA) | 3 | | | | by the end of term 3 • Complete Math requirement by the end of term |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | Complete Math requirement by the end of term 2 |
| TERM TWO: 18-33 CREDIT HOURS | 3 | Ш | | | 2 |
| MHL 140 Music as Culture | 3 | | | Grade of C | Complete one semester of concert attendance |
| MTC 221 Music Theory: 18 th Century ² | 3 | | | Grade of C | with a grade of "pass" - students must complete |
| MUP 111 Studio Instruction | 2 | | | Grade of C | six semesters Complete First-Year Composition requirement |
| MUP 3** (Ensemble) | 1 | | | Grade of C | by the end of semester 3 |
| MUP 100 Concert Attendance | 0 | | | Grade of C | Complete Math requirement by the end of term 2 |
| MUP 132 Class Piano ² | 1 | | | Grade of C | - |
| ENG 101 or 102 First-Year Composition or | 1 | | | Grade of C | 1 |
| ENG 105 Advanced First-Year Composition or | | | | | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | _ |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| TERM THREE: 34-48 CREDIT HOURS | J | | | | |
| MTC 222 Music Theory: 19 th Century ¹ | 3 | | | Grade of C | Complete one semester of concert attendance |
| MTC 320 Modal Counterpoint ¹ | 2 | | | Grade of C | with a grade of "pass" – students must complete |
| MUP 111 Studio Instruction | 2 | | | Grade of C | six semesters Complete MUP 131 by end of term 3 |
| MUP 3** (Ensemble) | 1 | | | Grade of C | Complete WOF 131 by end of term 3 |
| MHL 201 Mac Literacy for Musicians (CS) | 3 | | | Grade of C | 1 |
| MUP 100 Concert Attendance | 0 | | | | 1 |
| MUP 231 Class Piano ¹ | 1 | | | Grade of C | - |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | 1 | | | Grade of C | - |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| TERM FOUR: 49-64 CREDIT HOURS | | | | | |
| MTC 223 Music Theory: 20 th Century ² | 3 | | | Grade of C | Complete 12 hours of upper division coursework be end of term 5 |
| MTC 321 Tonal Counterpoint ² | 2 | \boxtimes | | Grade of C | Complete one semester of concert attendance |
| MUP 111 Studio Instruction | 2 | | | Grade of C | with a grade of "pass" - students must complete |
| MUP 3** (Ensemble) | 1 | \boxtimes | | Grade of C | six semesters Complete MUP 132 by end of term 4 |
| MUP 100 Concert Attendance | 0 | | | | - Complete WOF 132 by end of term 4 |
| MUP 232 Class Piano ² | 1 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | |] |



Major Map: Theory & Composition (Theory) -**Bachelor of Music (B.Mus.)**

Herberger Institute for Design and the Arts | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---|
| TERM FIVE: 65-79 CREDIT HOURS | | | | | |
| MHL 341 Music History ¹ | 3 | | | Grade of C | • Complete MUP 231 by end of term 5 |
| MTC 422 Musical Acoustics ¹ | 3 | | | Grade of C | Complete 1 semester of conducting by term 6; may choose MUP 209 or MUP 210 |
| MUP 209 Beginning Choral Conducting or | | | | | Must complete four semesters (8 hours) of MUP |
| MUP 210 Beginning Instrumental Conducting ¹ | 1 | | | Grade of C | 111: Studio Instruction. Four additional hours |
| MUP 3** Ensemble | 1 | | | Grade of C | may be selected from 2 additional studio |
| MUP *** Studio Instruction or Methods | 1/2 | | | Grade of C | instruction courses or 4 hours of methods courses including MUP 121 and/or MUE 317-338. |
| MUP 100 Concert Attendance | 0 | | | | including WOT 121 and/or WOE 517-556. |
| MTC 3** or 4** (Elective) | 2/3 | | | | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM SIX: 80-92 CREDIT HOURS | _ | | | 1 | |
| MUP 209 Beginning Choral Conducting | (1) | | | Grade of C | Complete MUP 232 by end of term 6 Complete 1 complete for a distribution by and of terms. |
| MHL 342 Music History II ² | 3 | | | | Complete 1 semester of conducting by end of term 6; may choose MUP 209 or MUP 210 |
| MTC 428 Advanced Form and Analysis | 3 | | | | o, may encode mer 200 of mer 210 |
| MTC 3** or 4** Elective | 2/3 | | | | |
| MUP 100 Concert Attendance | 0 | | | | |
| MUP 3** Ensemble | 1 | ⊠ | | | |
| MUP *** Studio Instruction or Methods | 1/2 | \boxtimes | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM SEVEN: 93-106 CREDIT HOURS | | | | | |
| MTC 323 Composition | 2 | | | | |
| MTC 425 Studies in 20 th Century Theory ¹ | 3 | | | | |
| Upper division MTC Elective | 2/3 | | | | |
| Upper division MTC Elective | 2/3 | ⊠ | | | |
| MUP 3** Ensemble | 1 | | | | |
| MUP *** Studio Instruction or Methods | 1/2 | | | | |
| Upper division Literacy and Critical Inquiry (L) (Recommend MHL with Literacy designation) | 3 | \boxtimes | | | |
| TERM EIGHT: 107-120 CREDIT HOURS | | | | | |
| MHL 3** or 4** | 2 | | | | Complete one semester of concert attendance with |
| MTC 496 Theory Project | 3 | | | | a grade of "pass" – if six semesters not completed |
| Upper division MTC Elective | 2/3 | | | | |
| Upper division Music Elective (MHL 440 recommended) | 2/3 | ⊠ | | | |
| MUP 3** Ensemble | 1 | | | | |
| MUP *** Studio Instruction or Methods | 1/2 | | | | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | ⊠ | | | |
| Elective (if upper division literacy is MHL course) | 0-1 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) | |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|--|
| | | | | · | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) Natural Science-Quantitative (SQ) 0

 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

- ¹ Course offered fall semester only.
- ² Course offered spring semester only.



Major Map: Aerospace Engineering (Aeronautics) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|--------------------------|---------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| +ASU 101-FSE: The ASU Experience | 1 | П | | | + ASU 101-FSE and MAE 100 required for |
| CHM 114: General Chemistry for Engineers (SQ) OR | - | | | | freshmen and should be completed first semester. Non-freshmen see advisor for petitioning |
| CHM 115: General Chemistry with Qualitative Analysis (SQ) OR CHM 116: General Chemistry II * (SQ) | 4 | | | Grade of C | replacement electives. • An SAT, ACT, Accuplacer, or TOEFL score |
| +MAE 100: Introduction to Mechanical and Aerospace Engineering (or School approved elective) | 2 | | | Grade of C in MAE 100 | determines placement into first-year composition courses • ASU Math Placement Exam score determines |
| Solitor approved vicentey | | | | | ASO Math Placement Exam score determines placement in Mathematics course |
| | | | | | *CHM 113 is a prerequisite and does not apply |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | towards degree credit **If ENG 105 a 3 hr applicable elective must also |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | be taken prior to graduation. See Advisor. Maintain minimum ASU cumulative GPA of 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA |
| PHY 121/122: University Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | of 2.0 |
| BME 111: Engineering Perspectives on Biological Systems | 3 | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), | | | | Glade of C | |
| Global Awareness (G), or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| MAE 212: Engineering Mechanics | 4 | | | Grade of C | Complete 10 critical courses by end of term 3. |
| MAT 275: Modern Differential Equations | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA |
| PHY 131/132: University Physics II Electricity and | 2/1 | | | Contact C | of 2.0 |
| Magnetism/University Physics Laboratory II(SQ) | 3/1 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 or ENG 107 & |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | 108 or ENG 105 |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| MAE 213: Solid Mechanics | 3 | | | Grade of C | |
| MAE 240: Thermofluids I | 4 | | | Grade of C | - |
| MAE 214: Computer-Aided Engineering I EEE 202: Circuits I | 4 | | | Grade of C Grade of C | - |
| MAT 343: Applied Linear Algebra | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | 5 | | | Grade of C | |
| MAE 318: Sensors and Controls | 5 | \boxtimes | | Grade of C | MAE 360 and 362 must be completed for L |
| MAE 322: Structural Mechanics | 4 | ⊠ | | Grade of C | credit. |
| MAE 360: Aerodynamics (L) | 4 | | | Grade of C | |
| MAE 384: Numerical Methods for Engineers (CS) | 3 | | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| MAE 313: Aircraft Dynamics and Control | 3 | ⊠ | | Grade of C | MAE 360 and 362 must be completed for L |
| MAE 344: Fundamentals of Aerospace Design | 3 | ⊠ | | Grade of C | credit. |
| MAE 362: High-Speed Aerodynamics (L) | 4 | | | Grade of C | |
| MAE 462: Space Vehicle Dynamics and Control Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US | 3 | | | Grade of C | |
| (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS MAE 415: Vibration Analysis | 3 | \boxtimes | | Grade of C | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), | 3 | | | Glade of C | |
| Global Awareness (G), or Historical Awareness (H) | 3 | ⊠ | | Grade of C | |
| MAE 463: Propulsion | 3 | ⊠ | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) | 3 | \boxtimes | | | |
| Technical Elective | 3 | ⊠ | | Grade of C | 1 |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| MAE 400: Engineering Profession (L) | 3 | ⊠ | | Grade of C | See advisor for approved electives. |
| MAE 468: Aerospace Systems Design (L) | 3 | ⊠ | | Grade of C | |
| Upper division technical elective | 3 | | | Grade of C | |
| General Elective | 3 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |



Major Map: Aerospace Engineering (Aeronautics) -Bachelor of Science in Engineering (B.S.E.)

Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Re Curriculum (12 | O | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|----------------------------------|---|-----------------------|------------------------------|-------------------------------------|------------------------------------|---|--------------------------------------|
| | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) Natural Science-Quantitative (SQ) 0

 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Aerospace Engineering (Astronautics) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS +ASU 101-FSE: The ASU Experience CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II* (SQ) +SES 100: Introduction to Exploration (3) or MAE 100: Introduction to Mechanical Engineering (2), or School approved elective MAPP TAG ATP None Transfer Course/Grade Transfer Course/Grade Required Additional Critical Requirement Notes Additional Critical Requirement Notes Fast 100 or for freshmen and should be composent semester. Non-freshmen see advise electives. An SAT, ACT, Accuplacer, or determines placement into fire composition courses to Mechanical Engineering (2), or School approved elective MAT 265: Calculus for Engineers I (MA) Additional Critical Requirement Notes Fast 100 or for freshmen and should be composent semester. Non-freshmen see advise electives. An SAT, ACT, Accuplacer, or determines placement into fire composition courses ASU Math Placement Examination or SCHM 113 is a prerequisite and or towards degree credit toward | r MAE 100 required pleted first isor for approved or TOEFL score rst-year score determines |
|--|---|
| TERM ONE: 0-15 CREDIT HOURS +ASU 101-FSE: The ASU Experience CHM 114: General Chemistry for Engineers(SQ) OR CHM 115: General Chemistry with Qualitative Analysis (SQ) OR CHM 116: General Chemistry II* (SQ) +SES 100: Introduction to Exploration (3) or MAE 100: Introduction to Mechanical Engineering (2), or School approved elective 2 | r MAE 100 required pleted first isor for approved or TOEFL score rst-year score determines |
| +ASU 101-FSE: The ASU Experience CHM 114: General Chemistry for Engineers(SQ) OR CHM 115: General Chemistry with Qualitative Analysis (SQ) OR CHM 116: General Chemistry II* (SQ) +SES 100: Introduction to Exploration (3) or MAE 100: Introduction to Mechanical Engineering (2), or School approved elective The ASU 101-FSE and SES 100 or for freshmen and should be comp semester. Non-freshmen see advite electives. An SAT, ACT, Accuplacer, or determines placement into fire composition courses to Mechanical Engineering (2), or School approved elective ASU Math Placement Example approach in Mathematics conformation in Mathematics or *CHM 113 is a prerequisite and or *CHM 113 is a p | pleted first isor for approved or TOEFL score rst-year score determines |
| +ASU 101-FSE: The ASU Experience CHM 114: General Chemistry for Engineers(SQ) OR CHM 115: General Chemistry with Qualitative Analysis (SQ) OR CHM 116: General Chemistry II* (SQ) +SES 100: Introduction to Exploration (3) or MAE 100: Introduction to Mechanical Engineering (2), or School approved elective The ASU Experience Grade of C Grade of C Grade of C Grade of C in SES 100/MAE 100 ASU Math Placement Example placement in Mathematics of *CHM 113 is a prerequisite and of the second seco | pleted first isor for approved or TOEFL score rst-year score determines |
| CHM 115: General Chemistry with Qualitative Analysis (SQ) OR CHM 116: General Chemistry II* (SQ) +SES 100: Introduction to Exploration (3) or MAE 100: Introduction to Mechanical Engineering (2), or School approved elective 3 or 2 Grade of C in SES 100/MAE 100 | or TOEFL score rst-year |
| CHM 116: General Chemistry II* (SQ) +SES 100: Introduction to Exploration (3) or MAE 100: Introduction to Mechanical Engineering (2), or School approved elective | rst-year score determines |
| +SES 100: Introduction to Exploration (3) or MAE 100: Introduction to Mechanical Engineering (2), or School approved elective 3 or 2 | rst-year score determines |
| to Mechanical Engineering (2), or School approved elective 2 | |
| placement in Mathematics co *CHM 113 is a prerequisite and of | |
| | |
| | does not apply |
| MAT 265: Calculus for Engineers I (MA) 3 | elective must also |
| ENG 101 or 102: First-Year Composition OR be taken prior to graduation. See | Advisor. |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students Grade of C Maintain minimum ASU co | umulative GPA of |
| TERM TWO: 16-30 CREDIT HOURS | |
| MAT 266: Calculus for Engineers II 3 Grade of C • Maintain minimum ASU c | cumulative GPA of |
| PHY 121/122: University Physics I/Laboratory I (SQ) 3/1 Grade of C 2.0 | |
| ENG 101 or 102: First-Year Composition OR | |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students 3 Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | |
| US (C), Global Awareness (G), or Historical Awareness (H) | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G), or Historical Awareness (H) | |
| TERM THREE: 31-45 CREDIT HOURS | |
| MAE 212: Engineering Mechanics 4 | |
| MAT 267: Calculus for Engineers III 3 Grade of C Maintain minimum ASU cu | s by end of term |
| LOVER LANCE OF CONTROL | - |
| 2.0 | - |
| MAT 275: Modern Differential Equations 3 | umulative GPA of |
| MAT 275: Modern Differential Equations 3 □ Grade of C • Complete First-Year Compose ENG 101 & 102 or ENG 107 | umulative GPA of |
| MAT 275: Modern Differential Equations 3 Grade of C Complete First-Year Compose ENG 101 & 102 or ENG 107 105 PHY 131/132: University Physics II Electricity and Magnetism/ | umulative GPA of |
| MAT 275: Modern Differential Equations 3 | umulative GPA of |
| MAT 275: Modern Differential Equations 3 | umulative GPA of |
| MAT 275: Modern Differential Equations 3 | umulative GPA of |
| MAT 275: Modern Differential Equations 3 □ Grade of C Complete First-Year Compose ENG 101 & 102 or ENG 107 105 PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) 3/1 □ Grade of C TERM FOUR: 46-60 CREDIT HOURS MAE 213: Solid Mechanics 3 □ Grade of C MAE 214: Computer-Aided Engineering I 1 □ Grade of C | umulative GPA of |
| MAT 275: Modern Differential Equations 3 □ Grade of C Complete First-Year Compose ENG 101 & 102 or ENG 107 105 PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) 3/1 □ Grade of C TERM FOUR: 46-60 CREDIT HOURS MAE 213: Solid Mechanics 3 □ Grade of C MAE 214: Computer-Aided Engineering I 1 □ Grade of C MAE 240: Thermofluids I 4 □ Grade of C | umulative GPA of |
| MAT 275: Modern Differential Equations 3 □ Grade of C Complete First-Year Compose ENG 101 & 102 or ENG 107 105 PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) 3/1 □ Grade of C TERM FOUR: 46-60 CREDIT HOURS MAE 213: Solid Mechanics 3 □ Grade of C MAE 214: Computer-Aided Engineering I 1 □ Grade of C MAE 240: Thermofluids I 4 □ Grade of C EEE 202: Circuits I 4 □ Grade of C | umulative GPA of |
| MAT 275: Modern Differential Equations 3 □ Grade of C Complete First-Year Compose ENG 101 & 102 or ENG 107 105 PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) 3/1 □ Grade of C TERM FOUR: 46-60 CREDIT HOURS MAE 213: Solid Mechanics 3 □ Grade of C MAE 214: Computer-Aided Engineering I 1 □ Grade of C MAE 240: Thermofluids I 4 □ Grade of C EEE 202: Circuits I 4 □ Grade of C MAT 343: Applied Linear Algebra 3 □ Grade of C | umulative GPA of |
| MAT 275: Modern Differential Equations 3 □ Grade of C PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) 3/1 □ Grade of C TERM FOUR: 46-60 CREDIT HOURS MAE 213: Solid Mechanics 3 □ Grade of C MAE 214: Computer-Aided Engineering I 1 □ Grade of C MAE 240: Thermofluids I 4 □ Grade of C EEE 202: Circuits I 4 □ Grade of C MAT 343: Applied Linear Algebra 3 □ Grade of C TERM FIVE: 61-75 CREDIT HOURS | umulative GPA of |
| MAT 275: Modern Differential Equations 3 □ Grade of C PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) 3/1 □ Grade of C TERM FOUR: 46-60 CREDIT HOURS MAE 213: Solid Mechanics 3 □ Grade of C MAE 214: Computer-Aided Engineering I 1 □ Grade of C MAE 240: Thermofluids I 4 □ Grade of C EEE 202: Circuits I 4 □ Grade of C MAT 343: Applied Linear Algebra 3 □ Grade of C TERM FIVE: 61-75 CREDIT HOURS | umulative GPA of |
| MAT 275: Modern Differential Equations 3 □ Grade of C Complete First-Year Compose ENG 101 & 102 or ENG 107 105 PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) 3/1 □ Grade of C TERM FOUR: 46-60 CREDIT HOURS MAE 213: Solid Mechanics 3 □ Grade of C MAE 214: Computer-Aided Engineering I 1 □ Grade of C MAE 240: Thermofluids I 4 □ Grade of C EEE 202: Circuits I 4 □ Grade of C MAT 343: Applied Linear Algebra 3 □ Grade of C TERM FIVE: 61-75 CREDIT HOURS MAE 318: Sensors and Controls 5 □ Grade of C | umulative GPA of |
| MAT 275: Modern Differential Equations 3 □ Grade of C PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) 3/1 □ Grade of C TERM FOUR: 46-60 CREDIT HOURS MAE 213: Solid Mechanics 3 □ Grade of C MAE 214: Computer-Aided Engineering I 1 □ Grade of C MAE 240: Thermofluids I 4 □ Grade of C EEE 202: Circuits I 4 □ Grade of C MAT 343: Applied Linear Algebra 3 □ Grade of C TERM FIVE: 61-75 CREDIT HOURS MAE 318: Sensors and Controls 5 □ Grade of C MAE 345: Structures in a Space Environment 4 □ Grade of C | umulative GPA of |
| MAT 275: Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations | umulative GPA of sition requirement: 7 & 108 or ENG |
| Act 275; Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations 3 | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations | umulative GPA of sition requirement: 7 & 108 or ENG |
| MAT 275: Modern Differential Equations | umulative GPA of sition requirement: 7 & 108 or ENG |



Major Map: Aerospace Engineering (Astronautics) – Bachelor of Science in Engineering (B.S.E.)

Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Major GPA (2.000 Min cum GPA.) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 Max) |
|---|---------------------------|---|-----------------------------------|-----------------------|--------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Bioengineering – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|--------|-------------------|--------------------------|---|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1110. | Bittigion | Course Grade | recaned | Additional Critical Requirement Porces | |
| ASU 101-FSE: The ASU Experience | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score | |
| BME 100: Introduction to Bioengineering OR | | | | | determines placement into first-year composition courses • ASU Math Placement Exam score determine placement in Mathematics course | |
| BME 111/112: Engineering Perspectives on Biological | 2 or | | | Grade of C in BME | | |
| Systems/Laboratory or BIO 181: General Biology II (SQ) CHM 114: General Chemistry for Engineers (SQ) OR | 4 | | | 111/112 or BIO 181 | | |
| CHM 116: General Chemistry II * | 4 | | | Grade of C | * CHM 113 is a prerequisite and does not apply towards degree credit | |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | ** If ENG 105 a 3 hr applicable elective must also | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | be taken prior to graduation. See Advisor. • Maintain minimum ASU cumulative GPA | |
| ENG 103. Advanced First-Year Composition YOK ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | of 2.0 | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| BME 100: Introduction to Bioengineering OR | | | | | Maintain minimum ASU cumulative GPA | |
| BME 111/112: Engineering Perspectives on Biological Systems/Laboratory or BIO 181: General Biology II (SQ) | 2 or 4 | | | Grade of C in BME 111/112 or BIO 181 | of 2.0 | |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | - | |
| PHY 121/122: University Physics I/Laboratory I (SQ) | 3/1 | | | Grade of C | 1 | |
| ENG 101 or 102: First-Year Composition OR | 5/1 | J | | | 1 | |
| ENG 105: Advanced First-Year Composition** OR | 2 | _ | | Crada of C | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS BME 235: Physiology for Engineers | 4 | | | Grade of C | Complete 11-12 critical courses by end of | |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | term 3. | |
| PHY 131/132: University Physics Electricity and Magnetism II/ | , | | | Stade of C | Maintain minimum ASU cumulative GPA of 2.0 | |
| Laboratory II (SQ) | 3/1 | | | Grade of C | Complete First-Year Composition | |
| CHM 231/235: Elementary Organic Chemistry/Laboratory or CHM 233/237: General Organic Chemistry I/Laboratory I | 3/1 | | | Grade of C | requirement: ENG 101 & 102 or ENG 107 & | |
| CSE 100: Principles of Programming with C++ (CS) | 3 | H | | Grade of C | 108 or ENG 105 | |
| TERM FOUR: 46-60 CREDIT HOURS | J | | | | | |
| BME 200: Conservation Principles of Bioengineering | 3 | | | Grade of C | | |
| EEE 202: Circuits I | 4 | | | Grade of C | | |
| MAE 212: Engineering Mechanics | 4 | | | Grade of C | | |
| MAT 275: Modern Differential Equations (MA) | 3 | | | Grade of C | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | | |
| # BME 318: Biomaterials | 4 | | | | # Designates Major Course: A minimum | |
| # BME 350: Signals and Systems for Bioengineering | 3 | | | | cumulative GPA of 2.0 required. | |
| # CHM 341: Elementary Physical Chemistry | 3 | | | Grade of C | 1 | |
| # MAT 343: Applied Linear Algebra | 3 | | | | 1 | |
| # IEE 380: Probability and Statistics for Engineering Problem Solving | | | | | 1 | |
| (CS) | 3 | \boxtimes | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | | | Condo of C | # Designates Major Course: A minimum | |
| # BME 300: Bioengineering Product Design | 3 | | | Grade of C | cumulative GPA of 2.0 required. | |
| # BME 331: Bioengineering Transport Phenomena # BME 370: Microcomputer Applications in Bioengineering | 4 | | | | 1 | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US | + | | | | 1 | |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | _ | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | , , | | | | | |
| # BME 413: Biomedical Instrumentation(BME 413 & 423 = L) | 3 | \boxtimes | | | # Designates Major Course: A minimum | |
| # BME 417: Biomedical Engineering Capstone Design I (L) | 4 | ⊠ | | Grade of C | cumulative GPA of 2.0 required. | |
| # BME 423: Biomedical Instrumentation Laboratory | 1 | | | | | |
| # BME 434: Applications of Bioengineering OR | | | | | | |
| # BME 416: Biomechanics OR # BME 419: Biocontrol Systems | 3 | | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), | ر | | | | 1 | |
| Global Awareness (G) or Historical Awareness (H) | 3 | | 1 | | 1 | |



Major Map: Bioengineering -

Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|------|-----------|--------------|------------------|---|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| # BME 490: Biomedical Engineering Capstone Design II | 4 | | | | # Designates Major Course: A minimum cumulative |
| # Technical Elective | 3 | | | | GPA of 2.0 required. |
| # Technical Elective | 2 | | | | |
| UD Humanities, Fine Arts & Design (HU) OR Social & Behavioral | | | | | |
| Science (SB) AND Cultural Diversity in the US (C), Global | | | | | |
| Awareness (G) or Historical Awareness (H) | 3 | \square | | | |

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|---------------------------|-------------------------------------|------------------------------------|---|-----------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Chemical Engineering – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Competed Transfer Pathway Completed General Education: \square None \square MAPP □None \Box TAG \Box ATP □AGEC □IGETC/CSUGE Course Subject and Title Transfer Minimum Grade if Upper Additional Critical Requirement Notes Course/Grade (courses in bold/shading are critical) Division Required **TERM ONE: 0-15 CREDIT HOURS** ASU 101-FSE should be completed first semester. ASU 101-FSE: The ASU Experience An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition #CHE 100: Introduction to Chemical Engineering 2 Grade of C courses 4 \Box CHM 113: General Chemistry I (SQ) ASU Math Placement Exam score determines ENG 101 or 102: First-Year Composition OR placement in Mathematics course ENG 105: Advanced First-Year Composition** OR **If ENG 105 a 3 hr applicable elective must also be taken prior to graduation. See Advisor. ENG 107 or 108: English for Foreign Students 3 П Grade of C # Designates Major Course: A minimum ASU 3 Grade of C MAT 265: Calculus for Engineers I cumulative GPA of 2.0 required in major courses. Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the • Maintain minimum ASU cumulative GPA of \Box US (C) Global Awareness (G) or Historical Awareness (H) **TERM TWO: 16-30 CREDIT HOURS** ENG 101 or 102: First-Year Composition OR • Maintain minimum ASU cumulative GPA of ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students Grade of C 4 CHM 116: General Chemistry II (SQ) Grade of C 3 MAT 266: Calculus for Engineers II Grade of C 3/1 PHY 121/122: University Physics I/ Laboratory I П **TERM THREE: 31-45 CREDIT HOURS** • Complete 10 critical courses by end of term 3. #CHE 211: Introduction to Chemical Processing 3 Grade of C Maintain minimum ASU cumulative GPA of MAT 242: Elementary Linear Algebra 2.0 Complete First-Year Composition requirement: Grade of C MAT 275: Modern Differential Equations (MA) 3 ENG 101 & 102 or ENG 107 & 108 or ENG 105 Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the # Designates Major Course: A minimum ASU П US (C), Global Awareness (G) or Historical Awareness (H) cumulative GPA of 2.0 required in major courses. 3 Bioscience Elective **TERM FOUR: 46-60 CREDIT HOURS** 3 # Designates Major Course: A minimum ASU Grade of C #CHE 231: Introduction to Transport I: Fluids cumulative GPA of 2.0 required n major courses. MAT 267: Calculus for Engineers III 3 \Box Grade of C # MAE 384: Numerical Methods for Engineers (CS) 3 \square Grade of C PHY 131: University Physics II: Electricity and Magnetism 3 Social Behavioral Science (SB) AND Cultural Diversity in the US П (C). Global Awareness (G) or Historical Awareness (H) 3 **TERM FIVE: 61-75 CREDIT HOURS** # Designates Major Course: A minimum ASU # CHE 334: Introduction to Transport Phenomena II: Heat and Mass 3 \boxtimes Grade of C cumulative GPA of 2.0 required in major courses. # CHE 342: Introduction to Applied Chemical Thermodynamics \boxtimes Grade of C 3 CHM 233: General Organic Chemistry I CHM 237: General Organic Chemistry Laboratory I 3 200 Level Engineering Elective 3 \boxtimes # Chemistry Content Technical Elective **TERM SIX: 76-90 CREDIT HOURS** # Designates Major Course: A minimum ASU 3 \boxtimes # CHE 352: Transport Laboratories (L) Grade of C cumulative GPA of 2.0 required in major courses. # CHE 433: Modern Separations 3 \boxtimes Grade of C # CHE 442: Introduction to Chemical Reactor Design 3 \boxtimes Grade of C 3 CHM 234: General Organic Chemistry II 3 П IEE 220: Business Industrial Engineering **TERM SEVEN: 91-105 CREDIT HOURS** # Designates Major Course: A minimum ASU # CHE 432: Principles of Chemical Engineering Design 3 \boxtimes Grade of C cumulative GPA of 2.0 required in major courses. # CHE 451: Chemical Engineering Laboratory \boxtimes # CHE 461: Process Dynamic Control 3 \boxtimes # Chemistry Content Technical Elective \boxtimes Social & Behavioral Science (SB) AND Cultural Diversity in the US (C). Global Awareness (G) or Historical Awareness (H) **TERM EIGHT: 106-120 CREDIT HOURS** # Designates Major Course: A minimum ASU # CHE 462: Process Design (L) 3 \boxtimes cumulative GPA of 2.0 required in major courses. # CHE Technical Elective 3 \boxtimes # CHE Technical Elective 3 \boxtimes UD Humanities, Fine Arts & Design (HU) OR Social & Behavioral \boxtimes Science (SB) #Natural Science or MSE Technical Elective 3 \boxtimes



Major Map: Chemical Engineering -Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) | |
|---|-----------------------|---------------------------|-------------------------------------|------------------------------------|---|--------------------------------------|--|
| | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - 0
 - Mathematical Studies (MA)
 Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition



Major Map: Civil Engineering – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering \ Catalog Year: 2010-2011

| | | | | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|--|-------------|-------------------|--------------------------|---|---|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | | |
| TERM ONE: 0-15 CREDIT HOURS | 1115. | Division | Course/Grade | Required | Additional Critical Requirement Notes | | |
| ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first | | |
| CEE 100: Intro to Civil and Environmental Engineering OR | | | | | semester. • An SAT, ACT, Accuplacer, or TOEFL score | | |
| ECN 211/212 (SB): Macroeconomic Principles/ Microeconomic | 2 0# 2 | | | Grade of C in | determines placement into first-year composit courses | | |
| Principles or ECN 201: Economic Issues & Analysis (SB) CHM 114: General Chemistry for Engineers (SQ) OR | 2 or 3 | | | CEE 100 | | | |
| CHM 116: General Chemistry II* (SQ) | 4 | | | | ASU Math Placement Exam score determines Placement in Mathematica course | | |
| MAT 265: Calculus for Engineers I | 3 | | | Grade of C | placement in Mathematics course *CHM 113 is a prerequisite and does not apply | | |
| | | | | | toward degree credit. | | |
| This is a second of the second | | | | | **If ENG 105 a 3 hr applicable elective must also | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | be taken prior to graduation. See Advisor. Maintain minimum ASU cumulative GPA of | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | 2.0 | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | | |
| CEE 100: Intro to Civil and Environmental Engineering OR | | | | | Maintain minimum ASU cumulative GPA of | | |
| ECN 211/212 (SB): Macroeconomic Principles/ Microeconomic Principles or ECN 201: Economic Issues & Analysis (SB) | 2 or 3 | | | Grade of C in CEE 100 | 2.0 | | |
| MAT 242: Elementary Linear Algebra | 2 | | | Grade of C | † | | |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | - | | |
| PHY 121/122: University Physics I/ Laboratory I (SQ) | 3/1 | | † | Grade of C | 1 | | |
| ENG 101 or 102: First-Year Composition OR | 3/1 | | + | Grade of C | 1 | | |
| ENG 105: Advanced First-Year Composition** OR | | | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | 1 | | | | |
| CEE 210: Engineering Mechanics: Statics | 3 | | | Grade of C | Complete 12 critical courses by end of term 3. Maintain minimum ASU cumulative GPA of | | |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | 2.0 | | |
| MAT 275: Modern Differential Equations (MA) | 3 | | | Grade of C | Complete First-Year Composition requirement: | | |
| PHY 131/132: University Physics II: Electricity and Magnetism/ Laboratory II (SQ) | 3/1 | | | Grade of C | ENG 101 & 102 or ENG 107 & 108 or ENG 105 | | |
| TERM FOUR: 46-60 CREDIT HOURS | 3/1 | | | Glade of C | | | |
| CEE 212: Engineering Mechanics: Dynamics | 3 | | | Grade of C | | | |
| CEE 212. Engineering Mechanics. Dynamics CEE 213: Introduction to Deformable Solids | 3 | | | Grade of C | - | | |
| EEE 202: Circuits I OR | | | | Grade of C | † | | |
| MAE 240: Thermofluids I | 4 | | | | | | |
| Humanities, Fine Arts & Design (HU) OR Social & Behavioral | | | | | | | |
| Science (SB) AND Cultural Diversity in the US (C) or Global Awareness (G): | 3 | | | | | | |
| Basic Science Elective: | 3 | | | | 1 | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | | |
| #CEE 384: Numerical Methods for Engineers (CS) | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum | | |
| Select 3 | | | | Grade of C | cumulative GPA of 2.30 required in all CEE 3XX | | |
| # CEE 300: Engineering Business Practice (L) (3 hrs) | | | | | courses, a minimum cumulative GPA of 2.30 required in all CEE 4XX courses. NOTE: A | | |
| # CEE 321: Structural Analysis and Design (4 hrs) # CEE 341: Fluid Mechanics for Civil Engineers (4 hrs) | | | | | maximum of two "D" grades are allowed in all | | |
| # CEE 351: Geotechnical Engineering (4 hrs) | | | | | 3XX and 4XX courses combined. | | |
| # CEE 353: Civil Engineering Materials (3 hrs) | | | | | | | |
| # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) | 10- 12 | | | Grade of C in each | | | |
| IEE 380: Probability and Statistics for Engineering Problem Solving | 3 | | | Grade of C III caen | - | | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | | | |
| Select remaining 4 | | | | | # Designates Major Course: A minimum | | |
| # CEE 300: Engineering Business Practice(L) (3 hrs) | | | | | cumulative GPA of 2.30 required in all CEE 3XX | | |
| # CEE 321: Structural Analysis and Design (4 hrs) | | | | | courses, a minimum cumulative GPA of 2.30 | | |
| # CEE 341: Fluid Mechanics for Civil Engineers (4 hrs) # CEE 351: Geotechnical Engineering (4 hrs) | | | | | required in all CEE 4XX courses. NOTE: A maximum of two "D" grades are allowed in all | | |
| | | | I | | | | |
| # CEE 353: Civil Engineering Materials (3 hrs) | | | | | 3XX and 4XX courses combined. | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) | 14 - | 5 | | 0 1 22: | 3XX and 4XX courses combined. | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) | 14 - 16 | ⊠ | | Grade of C in each | 3XX and 4XX courses combined. | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) TERM SEVEN: 91-105 CREDIT HOURS | | | | Grade of C in each | | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) | | | | Grade of C in each | Technical Elective and Design Elective | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) TERM SEVEN: 91-105 CREDIT HOURS #CEE 400 Earth Systems Engineering and Management (HU, H) OR | | | | Grade of C in each Grade of C in CEE 400 | Technical Elective and Design Elective requirements: Complete a total of 2 design electives and 4 technical electives during Term 7 | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) TERM SEVEN: 91-105 CREDIT HOURS #CEE 400 Earth Systems Engineering and Management (HU, H) OR Social & Behavioral Science (SB) AND Cultural Diversity in the US | 16 | | | | Technical Elective and Design Elective requirements: Complete a total of 2 design electives and 4 technical electives during Term 7 and Term 8. See Advisor for guidance in | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) TERM SEVEN: 91-105 CREDIT HOURS #CEE 400 Earth Systems Engineering and Management (HU, H) OR Social & Behavioral Science (SB) AND Cultural Diversity in the US (C) or Global Awareness (G) | 3 | | | Grade of C in CEE 400 | Technical Elective and Design Elective requirements: Complete a total of 2 design electives and 4 technical electives during Term 7 and Term 8. See Advisor for guidance in selection. | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) TERM SEVEN: 91-105 CREDIT HOURS #CEE 400 Earth Systems Engineering and Management (HU, H) OR Social & Behavioral Science (SB) AND Cultural Diversity in the US (C) or Global Awareness (G) # Technical Elective | 3 3 | | | Grade of C in CEE 400 Grade of C | Technical Elective and Design Elective requirements: Complete a total of 2 design electives and 4 technical electives during Term 7 and Term 8. See Advisor for guidance in selection. # Designates Major Course: A minimum cumulative GPA of 2.30 required in all CEE 3XX | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) TERM SEVEN: 91-105 CREDIT HOURS # CEE 400 Earth Systems Engineering and Management (HU, H) OR Social & Behavioral Science (SB) AND Cultural Diversity in the US (C) or Global Awareness (G) # Technical Elective # Technical Elective | 3 3 3 | | | Grade of C in CEE 400 Grade of C Grade of C | Technical Elective and Design Elective requirements: Complete a total of 2 design electives and 4 technical electives during Term 7 and Term 8. See Advisor for guidance in selection. # Designates Major Course: A minimum cumulative GPA of 2.30 required in all CEE 3XX courses, a minimum cumulative GPA of 2.30 | | |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) TERM SEVEN: 91-105 CREDIT HOURS # CEE 400 Earth Systems Engineering and Management (HU, H) OR Social & Behavioral Science (SB) AND Cultural Diversity in the US (C) or Global Awareness (G) # Technical Elective # Technical Elective | 3 3 3 | | | Grade of C in CEE 400 Grade of C Grade of C | Technical Elective and Design Elective requirements: Complete a total of 2 design electives and 4 technical electives during Term 7 and Term 8. See Advisor for guidance in selection. # Designates Major Course: A minimum cumulative GPA of 2.30 required in all CEE 3XX | | |



Major Map: Civil Engineering -Bachelor of Science in Engineering (B.S.E.)

Ira A. Fulton Schools of Engineering \ Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|------|-------------|--------------|-------------------|---|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| # CEE 400: Earth Systems Engineering and Management (HU, H) | | | | | Technical Elective and Design Elective |
| OR | | | | | requirements: Complete a total of 2 design electives |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | Grade of C in CEE | and 4 technical electives during Term 7 and Term 8. |
| (C) or Global Awareness (G) if CEE 400 completed | 3 | | | 400 | See Advisor for guidance in selection. |
| # CEE 486: Integrated Civil Engineering Design (L) | 4 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative |
| # Technical Elective or # Design Elective | 3 | \boxtimes | | Grade of C | GPA of 2.30 required in all CEE 3XX courses, a minimum cumulative GPA of 2.30 required in all CEE |
| # Technical Elective or # Design Elective | 3 | | | Grade of C | 4XX courses. NOTE: A maximum of two "D" grades |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | | | | | are allowed in all 3XX and 4XX courses combined. |
| US (C) or Global Awareness (G) | 3 | | | | |

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.30 Min. CUM GPA in CEE 3XX, 2.30 min CUM GPA in CEE 4XX)) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|---------------------------|----------------------------------|--|--|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Civil Engineering (Construction Engineering) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering \ Catalog Year: 2010-2011

| | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|--|-------------------|--------------------------|--|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course/Grade | William Grade II Required | Additional Critical Requirement Notes |
| ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first |
| CEE 100: Intro to Civil and Environmental Engineering OR | | | | 0 1 60: | semester. An SAT, ACT, Accuplacer, or TOEFL |
| ECN 211/212 (SB): Macroeconomic Principles/ Microeconomic Principles or ECN 201: Economic Issues & Analysis (SB) | 2 or 3 | | | Grade of C in CEE 100 | score determines placement into first-year |
| CHM 114: General Chemistry for Engineers (SQ) OR | | | | | composition courses ASU Math Placement Exam score |
| CHM 116: General Chemistry II* (SQ) | 4 | | | 0.1.00 | determines placement in Mathematics |
| MAT 265: Calculus for Engineers I | 3 | | | Grade of C | *CUM 112 is a propagation and does not apply |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students TERM TWO: 16-30 CREDIT HOURS | 3 | | | Grade of C | *CHM 113 is a prerequisite and does not apply toward degree credit. **If ENG 105 a 3 hr applicable elective must also be taken prior to graduation. See Advisor. • Maintain minimum ASU cumulative GPA of 2.0 |
| CEE 100: Intro to Civil and Environmental Engineering OR | | | | | Maintain minimum ASU cumulative |
| ECN 211/212 (SB): Macroeconomic Principles/ Microeconomic | 2 or | | | Grade of C in | GPA of 2.0 |
| Principles or ECN 201: Economic Issues & Analysis (SB) | 3 | | 1 | CEE 100 | 4 |
| MAT 242: Elementary Linear Algebra MAT 266: Calculus for Engineers II | 3 | | | Grade of C Grade of C | 1 |
| PHY 121/122: University Physics I/Laboratory I (SQ) | 3/1 | | | Grade of C | 1 |
| ENG 101 or 102: First-Year Composition OR | 5/1 | | | 31446 01 0 | 1 |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS |) | | | Grade of C | |
| CEE 210: Engineering Mechanics: Statics | 3 | | | Grade of C | • Complete 12 critical courses by end of |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | term 3. |
| MAT 275: Modern Differential Equations (MA) | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| <u> </u> | | | | | Complete First-Year Composition |
| PHY 131/132: University Physics II: Electricity and Magnetism/ Laboratory II (SQ) | 3/1 | | | Grade of C | requirement: ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| TERM FOUR: 46-60 CREDIT HOURS | 3/1 | | | Grade of C | & 108 01 ENG 105 |
| CEE 212: Engineering Mechanics: Dynamics | 3 | | | Grade of C | |
| CEE 213: Introduction to Deformable Solids | 3 | | | Grade of C | |
| EEE 202: Circuits I | 4 | | | | <u> </u> |
| Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB), AND Cultural Diversity in the US (C) or Global Awareness (G): | 3 | | | | |
| Basic Science Elective: | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| # CEE 384: Numerical Methods for Engineers (CS) | 3 | | | Grade of C | # Designates Major Course: A minimum |
| Select 3 # CEE 300: Engineering Business Practice (L) (3 hrs) # CEE 321: Structural Analysis and Design (4 hrs) # CEE 341: Fluid Mechanics for Civil Engineers (4 hrs) # CEE 351: Geotechnical Engineering (4 hrs) # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) | 10- 12 | | | Grade of C in each | cumulative GPA of 2.30 required in all CEE 3XX courses, a minimum cumulative GPA of 2.30 required in all CEE 4XX courses. NOTE: A maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. |
| IEE 380: Probability and Statistics for Engineering Problem Solving | 3 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | # Designates Major Courses A minimum |
| Select remaining 4 # CEE 300: Engineering Business Practice(L) (3 hrs) # CEE 321: Structural Analysis and Design (4 hrs) # CEE 341: Fluid Mechanics for Civil Engineers (4 hrs) # CEE 351: Geotechnical Engineering (4 hrs) # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) | 14- 16 | | | Grade of C in each | # Designates Major Course: A minimum cumulative GPA of 2.30 required in all CEE 3XX courses, a minimum cumulative GPA of 2.30 required in all CEE 4XX courses. NOTE: A maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Select 4 # CEE 281: Surveying (3 hrs) # CEE 412: Pavement Analysis and Design (3 hrs) OR # CEE 483: Highway Materials, Construction and Quality (3 hrs) # CEE 420: Steel Structures (3 hrs) OR # CEE 421: Concrete Structures (3 hrs) # CEE 452: Foundation (3 hrs) # CEE 481: Civil Engineering Project (3 hrs) | | | | | # Designates Major Course: A minimum cumulative GPA of 2.30 required in all CEE 3XX courses, a minimum cumulative GPA of 2.30 required in all CEE 4XX courses. NOTE: A maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. |
| # Approved technical elective (3 hrs) #CEE 400: Earth Systems Engineering and Management (HU, H) OR | 12 | | | Grade of C in each | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | mic Co | Malog Ar | Chivo 2010 | Grade of C in CEE 400 -2011 999 | |



Major Map: Civil Engineering (Construction Engineering) -Bachelor of Science in Engineering (B.S.E.)

Ira A. Fulton Schools of Engineering \ Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Select remaining 2 # CEE 281: Surveying (3 hrs) # CEE 412: Pavement Analysis and Design (3 hrs) OR # CEE 483: Highway Materials, Construction and Quality (3 hrs) # CEE 420: Steel Structures (3 hrs) OR # CEE 421: Concrete Structures (3 hrs) # CEE 452: Foundation (3 hrs) # CEE 481: Civil Engineering Project (3 hrs) # Approved technical elective (3 hrs) | 6 | × | | Grade of C in each | # Designates Major Course: A minimum cumulative GPA of 2.30 required in all CEE 3XX courses, a minimum cumulative GPA of 2.30 required in all CEE 4XX courses. NOTE: A maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. |
| #CEE 400: Earth Systems Engineering and Management (HU, H) OR Social & Behavioral Science (SB) AND Cultural Diversity in the US (C) or Global Awareness (G) if CEE 400 completed | 3 | | | Grade of C in CEE 400 | |
| # CEE 486: Integrated Civil Engineering Design (L) Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) or Global Awareness (G) | 3 | | | Grade of C | |

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.30 Min. CUM GPA in CEE 3XX, 2.30 min CUM GPA in CEE 4XX)) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|---------------------------|-------------------------------|--|--|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition



Major Map: Civil Engineering (Environmental Engineering) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------------|-------------|---------------|-----------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | ASU 101-FSE should be completed first |
| ASU 101-FSE: The ASU Experience CEE 100: Intro to Civil and Environmental Engineering OR | 1 | | | | semester. |
| ECN 211/212 (SB): Macroeconomic Principles/ Microeconomic | 2 or | | | Grade of C in | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| Principles or ECN 201: Economic Issues & Analysis (SB) CHM 114: General Chemistry for Engineers (SQ) OR | 3 | | | CEE 100 | courses |
| CHM 116: General Chemistry II* (SQ) | 4 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| MAT 265: Calculus for Engineers I | 3 | | | Grade of C | *CHM 113 is a prerequisite and does not apply |
| | | | | | toward degree credit. |
| ENG 101 or 102: First-Year Composition OR | | | | | **If ENG 105 a 3 hr applicable elective must also be taken prior to graduation. See Advisor. |
| ENG 105: Advanced First-Year Composition** OR | | | | | Maintain minimum ASU cumulative GPA of |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | | | ı | M-intringuishman ASU ammelating CDA of |
| CEE 100: Intro to Civil and Environmental Engineering OR ECN 211/212 (SB): Macroeconomic Principles/ Microeconomic | 2 or | | | Grade of C in | Maintain minimum ASU cumulative GPA of 2.0 |
| Principles or ECN 201: Economic Issues & Analysis (SB) | 3 | | | CEE 100 | |
| MAT 242: Elementary Linear Algebra | 2 | | | Grade of C | |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | |
| PHY 121/122: University Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| CEE 210: Engineering Mechanics: Statics | 3 | | | Grade of C | Complete 12 critical courses by end of term 3. |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| MAT 275: Modern Differential Equations (MA) | 3 | | | Grade of C | Complete First-Year Composition requirement: |
| PHY 131/132: University Physics II: Electricity and Magnetism/ | 2/1 | | | Contact C | ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| Laboratory II | 3/1 | | | Grade of C | |
| TERM FOUR: 46-60 CREDIT HOURS CEE 212: Engineering Mechanics: Dynamics | 3 | | | Grade of C | |
| CEE 212: Engineering Mechanics. Dynamics CEE 213: Introduction to Deformable Solids | 3 | | | Grade of C | |
| MAE 240: Thermofluids I | 4 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) OR Social & Behavioral | | | | | |
| Science (SB), AND Cultural Diversity in the US (C) or Global | _ | | | | |
| Awareness (G): | 3 | | | | |
| Basic Science Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS # CEE 384: Numerical Methods for Engineers (CS) | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative |
| Select 3 | 3 | | | Grade of C | GPA of 2.30 required in all CEE 3XX courses, a |
| # CEE 300: Engineering Business Practice (L) (3 hrs) | | | | | minimum cumulative GPA of 2.30 required in all CEE 4XX courses. NOTE: A maximum of two "D" |
| # CEE 321: Structural Analysis and Design (4 hrs) # CEE 341: Fluid Mechanics for Civil Engineers (4 hrs) | | | | | grades are allowed in all 3XX and 4XX courses |
| # CEE 351: Geotechnical Engineering (4 hrs) | | | | | combined. |
| # CEE 353: Civil Engineering Materials (3 hrs) | 10 | | | | |
| # CEE 361: Introduction to Environmental Engineering (4 hrs) # CEE 372: Transportation Engineering (4 hrs) | 10 - 12 | \boxtimes | | Grade of C in each | |
| IEE 380: Probability and Statistics for Engineering Problem Solving | 3 | ⊠ | | Grade of C in each | |
| TERM SIX: 76-90 CREDIT HOURS | | _ | _ | | |
| Select remaining 4 | | | | | # Designates Major Course: A minimum cumulative |
| # CEE 300: Engineering Business Practice(L) (3 hrs) # CEE 321: Structural Analysis and Design (4 hrs) | | | | | GPA of 2.30 required in all CEE 3XX courses, a minimum cumulative GPA of 2.30 required in all |
| # CEE 321. Structural Analysis and Design (4 lifs) # CEE 341: Fluid Mechanics for Civil Engineers (4 hrs) | | | | | CEE 4XX courses. NOTE: A maximum of two "D" |
| # CEE 351: Geotechnical Engineering (4 hrs) | | | | | grades are allowed in all 3XX and 4XX courses |
| # CEE 353: Civil Engineering Materials (3 hrs) # CEE 361: Introduction to Environmental Engineering (4 hrs) | 14 - | | | | combined. |
| # CEE 372: Transportation Engineering (4 hrs) | 16 | \boxtimes | | Grade of C in each | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Select 4 Design/Technical Electives | | | | | # Designates Major Course: A minimum cumulative |
| # CEE 440: Engineering Hydrology (3 hrs) # CEE 441: Water Resource Hydrology (3 hrs) | | | | | GPA of 2.30 required in all CEE 3XX courses, a minimum cumulative GPA of 2.30 required in all |
| # CEE 462: Unit Ops in Environmental Engineering (3 hrs) | | | | | CEE 4XX courses. NOTE: A maximum of two "D" |
| # CEE 466: San System Design (3 hrs) | | | | | grades are allowed in all 3XX and 4XX courses |
| # CEE 467: Environmental Microbiology (3 hrs) # Approved Technical Elective (3 hrs) | 12 | \boxtimes | | Grade of C in each | combined. |
| # CEE 400: Earth Systems Engineering and Management (HU, H) | | | | | |
| OR | | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C) or Global Awareness (G) | 3 | \boxtimes | | Grade of C in CEE 400 | |



Major Map: Civil Engineering (Environmental Engineering) – Bachelor of Science in Engineering (B.S.E.)

Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title | 11 | Upper | Transfer | Minimum Grade if | Additional Critical Demoissment Nata- |
|---|------|-------------|--------------|--------------------|--|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Select remaining 2 Design/Technical Electives | | | | | # Designates Major Course: A minimum cumulative |
| # CEE 440: Engineering Hydrology (3 hrs) | | | | | GPA of 2.30 required in all CEE 3XX courses, a |
| # CEE 441: Water Resource Hydrology (3 hrs) | | | | | minimum cumulative GPA of 2.30 required in all CEE |
| # CEE 462: Unit Ops in Environmental Engineering (3 hrs) | | | | | 4XX courses. NOTE: A maximum of two "D" grades |
| # CEE 466: San System Design (3 hrs) | | | | | are allowed in all 3XX and 4XX courses combined. |
| # CEE 467: Environmental Microbiology (3 hrs) | | | | | |
| # Approved Technical Elective (3 hrs) | 6 | \boxtimes | | Grade of C in each | |
| # CEE 400: Earth Systems Engineering and Management (HU, H) | | | | | |
| OR | | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | Grade of C in CEE | |
| (C) or Global Awareness (G) if CEE 400 completed | 3 | | | 400 | |
| # CEE 486: Integrated Civil Engineering Design (L) | 4 | \boxtimes | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | | | | | |
| US (C) or Global Awareness (G) | 3 | | | | |

Graduation Requirements Summary:

| otal Hours Regular urriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.30 Min. CUM GPA in CEE 3XX, 2.30 min CUM GPA in CEE 4XX)) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---------------------------------------|-----------------------|---------------------------|----------------------------------|--|--|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Computer Science – Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|--------------|---------------------------|---|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | ASU 101-FSE should be completed first |
| ASU 101-FSE: The ASU Experience # CSE 100: Principles of Programming with C++ (CS) OR | 1 | | | | semester. |
| # CSE 110: Principles of Programming with Java (CS) | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| #CSE 101: Introduction to Computer Science & Engineering | 2 | | | Grade of C | composition courses |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | placement in Mathematics course **If ENG 105 a 3 hr applicable elective must also |
| ENG 103. Advanced First-Year Composition Cor ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | be taken prior to graduation. See Advisor. |
| | | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | | .Maintain minimum ASU cumulative GPA |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | of 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| # CSE 120: Digital Design Fundamentals | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| # CSE 205:Object-Oriented Programming & Data Structures (CS) | 3 | | | Grade of C | # Designates Major Course: A minimum |
| MAT 266: Calculus for Engineers II BIO 187: General Biology I (SQ) or | 3 | | | Grade of C | cumulative GPA of 2.0 required in major courses. |
| BIO 188: General Biology II (SQ) | 4 | | | | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | J | | | Grade of C | |
| # CSE 230: Computer Organization and Assembly Language | | | | | Complete 9 critical courses by end of term 3 |
| Programming | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| MAT 243: Discrete Mathematical Structures | 3 | | | Grade of C | Complete First-Year Composition requirement: |
| MAT 267: Calculus for Engineers III Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | Grade of C | ENG 101 & 102 or ENG 107 & 108 or ENG |
| US (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | See Advisor for approved Laboratory Science |
| | | | | | sequence courses |
| | | | | | # Designates Major Course: A minimum |
| Laboratory Science I (SQ) | 4 | | | | cumulative GPA of 2.0 required in major courses. |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| #CSE 240: Introduction to Programming Languages | 3 | | | Grade of C | See Advisor for approved Laboratory Science |
| # MAT 343: Applied Linear Algebra | 3 | | | | sequence courses General Elective: cannot include CSE, MAT, |
| Laboratory Science II (SQ) | 4 | | | | PHY, BIO, CHM or other Science course |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| General Elective | 3 | | | | cumulative of A of 2.0 required in major courses. |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| # IEE 380: Probability and Statistics for Engineering Problem Solving | 3 | \boxtimes | | | # Designates Major Course: A minimum |
| # CSE 301: Computing Ethics | 1 | | | Grade of C | cumulative GPA of 2.0 required in major courses. |
| # CSE 310: Data Structures and Algorithms | 3 | \boxtimes | | Grade of C | |
| # CSE 360: Introduction to Software Engineering | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G), or Historical Awareness (H) | 2 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | Ш | | | |
| # CSE 340: Principles of Programming Languages | 3 | \boxtimes | | Grade of C | See Advisor for approved list of Technical |
| # CSE 355: Introduction to Theoretical Computer Science | 3 | | | Grade of C | Electives |
| # CSE 4** Computer Science Elective | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| Computer Science Technical Elective | 3 | | | Grade of C | camadative of 11 of 2.0 required in major courses. |
| UD Humanities, Fine Arts & Design (HU) OR Social & Behavioral | | | | ***** | |
| Science (SB) | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | Soo Advisor for approved list of Commut- |
| # CSE 430: Operating Systems | 3 | | | Grade of C | See Advisor for approved list of Computer Science Electives |
| # CSE 485: Computer Science Capstone Project I (L) | 3 | | | Grade of C | General Elective: cannot include CSE, MAT, |
| # CSE 4** Computer Science Elective # CSE 4** Computer Science Elective | 3 | ⊠ ⊠ | | Grade of C | PHY, BIO, CHM or other Science course # Designates Major Course: A minimum |
| • | | | | Grade of C | cumulative GPA of 2.0 required in major courses. |
| General Elective | 2 | | | | |



Major Map: Computer Science – Bachelor of Science (B.S.)

Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| # CSE 486: Computer Science Capstone Project II (L) | 3 | | | Grade of C | See Advisor for approved list of Technical |
| # CSE 4** Computer Science Elective | 3 | | | Grade of C | Electives # Designates Major Course: A minimum cumulative |
| # CSE 4** Computer Science Elective | 3 | | | Grade of C | GPA of 2.0 required in major courses. |
| # Computer Science Technical Elective | 3 | \boxtimes | | Grade of C | |
| Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) | 3 | | | | |

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|------------------------------|-------------------------------------|------------------------------------|---|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Computer Systems Engineering – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | nster Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------|-------------------------|----------------------------------|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | • Complete CSE 100 or 110, 101; MAT 265 | |
| ASU 101-FSE: The ASU Experience # CSE 100: Principles of Programming with C++ (CS) OR | 1 | | | | each with a minimum grade of "C" | |
| # CSE 110: Principles of Programming with Java (CS) | 3 | | | Grade of C | ASU 101-FSE should be completed first semester. | |
| # CSE 101: Introduction to Computer Science & Engineering | 2 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | determines placement into first-year composition | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | courses ASU Math Placement Exam score determines | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course | |
| | | | | | **If ENG 105 a 3 hr applicable elective must also | |
| | | | | | be taken prior to graduation. See Advisor. # Designates Major Course: A minimum | |
| | | | | | cumulative GPA of 2.0 required in major courses. | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | Maintain minimum ASU cumulative GPA of 2.0 | |
| TERM TWO: 16-30 CREDIT HOURS | 3 | | | | 2.0 | |
| # CSE 120: Digital Design Fundamentals | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of | |
| # CSE 205:Object-Oriented Programming & Data Structures (CS) | 3 | | | Grade of C | 2.0 | |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. | |
| BIO 187: General Biology I (SQ) OR | | _ | | | cumulative of A of 2.0 required in major courses. | |
| BIO 188: General Biology Laboratory II (SQ) | 4 | | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| # CSE 230: Computer Organization and Assembly Language | 2 | | | Crada of C | Complete 9 critical courses by end of term 3 Maintain minimum ASU appropriate CRA of | |
| Programming MAT 243: Discrete Mathematical Structures | 3 | | | Grade of C Grade of C | Maintain minimum ASU cumulative GPA of 2.0 | |
| | 3 | | | Grade of C | Complete First-Year Composition requirement: | |
| MAT 267: Calculus for Engineers III | , | | | Grade of C | ENG 101 & 102 or ENG 107 & 108 or ENG 105 # Designates Major Course: A minimum | |
| PHY 121/122: University Physics I/Laboratory I (SQ) | 3/1 | | | | cumulative GPA of 2.0 required in major courses. | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| # CSE 220: Programming for Computer Engineering | 3 | | | Grade of C | # Designates Major Course: A minimum | |
| MAT 275: Modern Differential Equations | 3 | | | | cumulative GPA of 2.0 required in major courses. | |
| PHY 131/132: University Physics II Electricity and Magnetism/Laboratory II (SQ) | 3/1 | | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3/1 | | | | 1 | |
| US (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | | |
| # EEE 202: Circuits I | 4 | | | | # Designates Major Course: A minimum | |
| # IEE 380: Probability and Statistics for Engineering Problem Solving | 3 | ⊠ | | | cumulative GPA of 2.0 required in major courses. | |
| # CSE 301: Computing Ethics | 1 | <u> </u> | | Grade of C | | |
| # CSE 310: Data Structures and Algorithms | 3 | ⊠ | | Grade of C | | |
| # CSE 360: Introduction to Software Engineering | 3 | \boxtimes | | Grade of C | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| # EEE 334: Circuits II | 4 | \boxtimes | | | | |
| # CSE 320: Design and Synthesis of Digital Hardware | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. | |
| # CSE 325: Embedded Micro Systems | 3 | ⊠ | | Grade of C | cumulative GFA of 2.0 required in major courses. | |
| # MAT 343: Applied Linear Algebra | 3 | ⊠ | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 5 | | | | | |
| # CSE 423: Systems Capstone Project I (L) | 3 | \boxtimes | | Grade of C | See Advisor for approved list of CSE Technical | |
| # CSE 430: Operating Systems | 3 | ⊠ | | Grade of C | Electives | |
| # CSE Technical Elective | 3 | ⊠ | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. | |
| # CSE Technical Elective | 3 | ⊠ | | Grade of C | cumulative OFA of 2.0 required in major courses. | |
| UD Humanities, Fine Arts & Design (HU) OR Social & Behavioral | | | | |] | |
| Science (SB) | 3 | \boxtimes | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | 1 | | | | • Coo Advisor for approved list of CCT Test 1 | |
| # CSE 420: Computer Architecture I | 3 | | | Grade of C | See Advisor for approved list of CSE Technical Electives | |
| # CSE 424: Systems Capstone Project II (L) | 3 | | | Grade of C | # Designates Major Course: A minimum | |
| # CSE 434: Computer Networks | 3 | | | Grade of C | cumulative GPA of 2.0 required in major courses. | |
| # CSE Technical Elective | 3 | | | Grade of C | - | |
| # CSE Technical Elective | 3 | \boxtimes | 1 | Grade of C | | |



Major Map: Computer Systems Engineering – Bachelor of Science in Engineering (B.S.E.)
Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|---------------------------|-------------------------------------|------------------------------------|---|-----------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Construction (Concrete Industry Management) – Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | | ansfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|--------------------------|---------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| # ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first |
| # CIM 105: Intro to Concrete Industry | 2 | | | Grade of C | semester. • An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | determines placement into first-year |
| PHY 111/113: General Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | composition courses |
| # CON 101: Construction and Culture: A Built Environment (HU, G, H) | 3 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | **If ENG 105 a 3 hr applicable elective must also be taken prior to graduation. See Advisor. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. • Must maintain minimum ASU cumulative GPA of 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| # CIM 106: Concrete Fundamentals | 4 | | | Grade of C | Must maintain minimum ASU cumulative GPA |
| # CON 243: Heavy Construction Equipment, Methods, Materials | 3 | | | | of 2.0 # Designates Major Course: A minimum |
| # CON 244: Working Drawing Analysis | 1 | | | | cumulative GPA of 2.0 required in major courses. |
| # CON 252: Building Construction Methods, Materials, Equipment | 3 | | | | |
| STP 226: Elements of Statistics (CS) | 3 | | | | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | J | | | Grade of C | |
| # CIM 205: Concrete Construction Methods | 3 | | | Grade of C | Complete 8 critical courses by end of term |
| | | | | Grade of C | 3 |
| # CON 221 Applied Statics | 3 | | | | Must maintain minimum ASU cumulative CD |
| # CON 251: Microcomputer Applications for Construction | 3 | | | | GPA of 2.0 Complete First-Year Composition |
| COM 225: Public Speaking (L) | 3 | | | | requirement: ENG 101 & 102 or ENG 107 & |
| | | | | | 108 or ENG 105 |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | cumulative of 11 of 2.0 required in major courses. |
| # CIM 206: Application of Concrete in Construction | 3 | | | Grade of C | # Designates Major Course: A minimum |
| # CON 223: Strength of Materials | 3 | | | | cumulative GPA of 2.0 required in major courses. |
| # CON 271: Construction Safety | 3 | | | | |
| ECN 212: Microeconomic Principles (SB) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US | 2 | | | | |
| (C) TERM SUMMER 2 nd Year: 1 CREDIT HOUR | 3 | | | | |
| | 1 | | | | |
| # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS | 1 | | | | |
| # CIM 305: Management of Concrete Products: Ordering and Delivering | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum |
| # CON 383: Construction Estimating | 4 | | | Grade of C | cumulative GPA of 2.0 required in major courses. |
| # CON 241: Surveying | 3 | | | Grade of C | Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. |
| Upper division Humanities, Fine Arts & Design (HU) or | | | | | an 3AA and 4AA courses combined. |
| Social & Behavioral Science (SB) | 3 | | | | |
| Natural Science: Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | Lub : |
| # CIM 306: Management of Concrete Products: Production Facilities | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| # CON 389: Construction Cost Accounting and Control (CS) | 3 | | | Grade of C | Note: maximum of two "D" grades are allowed in |
| # CON 450: Geotechnical Applications for Construction | 3 | | | Grade of C | all 3XX and 4XX courses combined. |
| LES 305: Legal, Ethical, Regulatory Issues in Business | 3 | | | | |
| TERM SUMMER 3 rd Year: 1 CREDIT HOUR | | | | | |
| # CON 484: Internship | 1 | | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | _ | - | | 2 1 12 | # Designates Major Course: A minimum |
| # CIM 405: Concrete Problems: Diagnosis, Prevention, Dispute | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| Upper division CIM Elective | 3 | | | Grade of C | Note: maximum of two "D" grades are allowed in |
| # CON 453: Construction Project Management I | 4 | | | Grade of C | all 3XX and 4XX courses combined. |
| # CON 495: Construction Planning and Scheduling (CS) | 3 | | | Grade of C | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | Lub : A Mi G |
| # CIM 406: Concrete Industry Management | 4 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| # CON 424: Structural Design | 3 | | | Grade of C | Note: maximum of two "D" grades are allowed in |
| # CON 455: Construction Project Management II | 3 | | | Grade of C | all 3XX and 4XX courses combined. |
| # CON 496: Construction Contract Administration (L) | 3 | \boxtimes | | Grade of C | Hadata di 00/07/40 |



Major Map: Construction (Concrete Industry Management) - Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Major GPA (2.000 Min. CUM GPA) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 Max) |
|---|---------------------------|---|------------------------------------|-----------------------|--------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - 0 Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0

 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - 0 Historical Awareness (H)
- First-Year Composition



Major Map: Construction (Concrete Industry Management) – Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | | ansfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|--------------------------|---------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| # ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first |
| # CIM 105: Intro to Concrete Industry | 2 | | | Grade of C | semester. • An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | determines placement into first-year |
| PHY 111/113: General Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | composition courses |
| # CON 101: Construction and Culture: A Built Environment (HU, G, H) | 3 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | **If ENG 105 a 3 hr applicable elective must also be taken prior to graduation. See Advisor. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. • Must maintain minimum ASU cumulative GPA of 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| # CIM 106: Concrete Fundamentals | 4 | | | Grade of C | Must maintain minimum ASU cumulative GPA |
| # CON 243: Heavy Construction Equipment, Methods, Materials | 3 | | | | of 2.0 # Designates Major Course: A minimum |
| # CON 244: Working Drawing Analysis | 1 | | | | cumulative GPA of 2.0 required in major courses. |
| # CON 252: Building Construction Methods, Materials, Equipment | 3 | | | | |
| STP 226: Elements of Statistics (CS) | 3 | | | | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | J | | | Grade of C | |
| # CIM 205: Concrete Construction Methods | 3 | | | Grade of C | Complete 8 critical courses by end of term |
| | | | | Grade of C | 3 |
| # CON 221 Applied Statics | 3 | | | | Must maintain minimum ASU cumulative CD |
| # CON 251: Microcomputer Applications for Construction | 3 | | | | GPA of 2.0 Complete First-Year Composition |
| COM 225: Public Speaking (L) | 3 | | | | requirement: ENG 101 & 102 or ENG 107 & |
| | | | | | 108 or ENG 105 |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | cumulative of 11 of 2.0 required in major courses. |
| # CIM 206: Application of Concrete in Construction | 3 | | | Grade of C | # Designates Major Course: A minimum |
| # CON 223: Strength of Materials | 3 | | | | cumulative GPA of 2.0 required in major courses. |
| # CON 271: Construction Safety | 3 | | | | |
| ECN 212: Microeconomic Principles (SB) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US | 2 | | | | |
| (C) TERM SUMMER 2 nd Year: 1 CREDIT HOUR | 3 | | | | |
| | 1 | | | | |
| # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS | 1 | | | | |
| # CIM 305: Management of Concrete Products: Ordering and Delivering | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum |
| # CON 383: Construction Estimating | 4 | | | Grade of C | cumulative GPA of 2.0 required in major courses. |
| # CON 241: Surveying | 3 | | | Grade of C | Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. |
| Upper division Humanities, Fine Arts & Design (HU) or | | | | | an 3AA and 4AA courses combined. |
| Social & Behavioral Science (SB) | 3 | | | | |
| Natural Science: Quantitative (SQ) or General (SG) | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | Lub : |
| # CIM 306: Management of Concrete Products: Production Facilities | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| # CON 389: Construction Cost Accounting and Control (CS) | 3 | | | Grade of C | Note: maximum of two "D" grades are allowed in |
| # CON 450: Geotechnical Applications for Construction | 3 | | | Grade of C | all 3XX and 4XX courses combined. |
| LES 305: Legal, Ethical, Regulatory Issues in Business | 3 | | | | |
| TERM SUMMER 3 rd Year: 1 CREDIT HOUR | | | | | |
| # CON 484: Internship | 1 | | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | _ | - | | 2 1 12 | # Designates Major Course: A minimum |
| # CIM 405: Concrete Problems: Diagnosis, Prevention, Dispute | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| Upper division CIM Elective | 3 | | | Grade of C | Note: maximum of two "D" grades are allowed in |
| # CON 453: Construction Project Management I | 4 | | | Grade of C | all 3XX and 4XX courses combined. |
| # CON 495: Construction Planning and Scheduling (CS) | 3 | | | Grade of C | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | Lub : A Mi G |
| # CIM 406: Concrete Industry Management | 4 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| # CON 424: Structural Design | 3 | | | Grade of C | Note: maximum of two "D" grades are allowed in |
| # CON 455: Construction Project Management II | 3 | | | Grade of C | all 3XX and 4XX courses combined. |
| # CON 496: Construction Contract Administration (L) | 3 | \boxtimes | | Grade of C | Hadata di 00/07/40 |



Major Map: Construction (Concrete Industry Management) - Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Major GPA (2.000 Min. CUM GPA) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 Max) |
|---|---------------------------|---|------------------------------------|-----------------------|--------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - 0 Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0

 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - 0 Historical Awareness (H)
- First-Year Composition



Major Map: Construction (General Building Construction) – Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|---|--|----------|--|--|--|
| Course Subject and Title | 11 | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| # ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | semester. |
| PHY 111/113: General Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| # CON 101: Construction & Culture: A Built Environment (HU, G, | | | | | courses |
| H) | 3 | | | | ASU Math Placement Exam score determines |
| # CON 100: Introduction to Construction | 2 | | | | placement in Mathematics course **If ENG 105 a 3 hr applicable elective must also |
| | | | | | be taken prior to graduation. See Advisor. |
| ENC 101 or 102. First Vear Commedition OD | | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | Maintain minimum ASU cumulative GPA of |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| # CON 243: Heavy Construction Equipment, Methods, Materials | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| # CON 244 : Working Drawing Analysis | 1 | | | | # Designates Major Course: A minimum |
| # CON 252: Building Construction Methods, Materials, Equipment | 3 | | | | cumulative GPA of 2.0 requiref in major courses |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | | 1 |
| ENG 101 or 102: First-Year Composition OR | | J | | | 1 |
| ENG 105: Advanced First-Year Composition** OR | 2 | | | 0 1 60 | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | 2 | | | 0 1 60 | • Complete 13 critical courses by end of term 3. |
| # CON 221: Applied Statics | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of |
| # CON 251: Microcomputer Applications for Construction | 3 | | | | 2.0 |
| COM 225: Public Speaking (L) | 3 | | | | Complete First-Year Composition requirement: ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| ECN 212: Microeconomic Principles (SB) | 3 | П | | | # Designates Major Course: A minimum cumulative |
| STP 226: Elements of Statistics (CS) | 3 | | | | GPA of 2.0 required in major courses |
| · / | 3 | | | | |
| | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS # CON 223: Strength of Materials | 3 | П | | Grade of C | # Designates Major Course: A minimum cumulative |
| # CON 223: Strength of Materials | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. |
| # CON 223: Strength of Materials # CON 271: Construction Safety | | | | Grade of C | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | Grade of C | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying | 3 | | | Grade of C | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | Grade of C | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) | 3 3 | | | Grade of C | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) | 3 3 | | | Grade of C | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR | 3 3 4 | | | Grade of C | GPA of 2.0 required. |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship | 3 3 4 | | | Grade of C Grade of C | GPA of 2.0 required. # Designates Major Course: A minimum cumulative |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems | 3 3 4 | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: I CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project | 3 3 3 4 1 4 4 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management | 3 3 3 4 1 | | | Grade of C Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 | 3 3 3 4 1 4 4 4 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) | 3 3 3 4 1 4 4 4 3 | | | Grade of C Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 | 3 3 3 4 1 4 4 4 3 | | | Grade of C Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective | 3 3 3 4 1 4 4 4 3 | | | Grade of C Grade of C Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective TERM SIX: 76-90 CREDIT HOURS | 3 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Grade of C ourses | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective TERM SIX: 76-90 CREDIT HOURS # CON 389: Construction Cost Accounting and Control (CS) | 3 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) Upper division Elective TERM SIX: 76-90 CREDIT HOURS # CON 389: Construction Cost Accounting and Control (CS) LES 305: Legal, Ethical, Regulatory Issues in Business | 3 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Grade of C ourses | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective TERM SIX: 76-90 CREDIT HOURS # CON 389: Construction Cost Accounting and Control (CS) | 3 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Grade of C ourses | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) # CON 389: Construction Cost Accounting and Control (CS) LES 305: Legal, Ethical, Regulatory Issues in Business Upper division Humanities, Fine Arts & Design (HU) or Social & | 3 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Grade of C ourses | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
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| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 472: Development Fosibility Reports (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective TERM SIX: 76-90 CREDIT HOURS # CON 389: Construction Cost Accounting and Control (CS) LES 305: Legal, Ethical, Regulatory Issues in Business Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) Upper division Elective # CON 472: Development Feasibility Reports (3 hrs) | 3 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Grade of C ourses | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective TERM SIX: 76-90 CREDIT HOURS # CON 389: Construction Cost Accounting and Control (CS) LES 305: Legal, Ethical, Regulatory Issues in Business Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) Upper division Elective Select 1 additional course from: # CON 472: Development Feasibility Reports (3 hrs) # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) | 3 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Grade of C ourses | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 271: Construction Safety # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective TERM SIX: 76-90 CREDIT HOURS # CON 389: Construction Cost Accounting and Control (CS) LES 305: Legal, Ethical, Regulatory Issues in Business Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) Upper division Elective Select 1 additional course from: # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective: (3 hrs) | 3 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C in CON courses | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective TERM SIX: 76-90 CREDIT HOURS # CON 389: Construction Cost Accounting and Control (CS) LES 305: Legal, Ethical, Regulatory Issues in Business Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) Upper division Elective Select 1 additional course from: # CON 472: Development Feasibility Reports (3 hrs) # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) | 3 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Grade of C in CON courses Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |



Major Map: Construction (General Building Construction) -

Bachelor of Science (B.S.)

Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| # CON 450: Geotechnical Applications for Construction | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative |
| # CON 453: Construction Project Management I | 4 | \boxtimes | | Grade of C | GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 495: Construction Planning and Scheduling (L) | 3 | | | Grade of C | combined. |
| Select 1 additional course from: # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division Elective (3 hrs) | 3 | \boxtimes | | Grade of C in CON courses | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| # CON 424: Structural Design | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative |
| # CON 455: Construction Project Management II | 3 | \boxtimes | | Grade of C | GPA of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses |
| # CON 496: Construction Contract Administration (L) | 3 | \boxtimes | | Grade of C | combined. |
| Select remaining course from: # CON 472: Development Feasibility Reports (3 hrs) # CON 483: Advanced Building Estimating (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) UD Elective (3 hrs) | 3 | × | | Grade of C in CON courses | |

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Major GPA (2.000 Min. CUM GPA) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 Max) |
|---|---------------------------|---|------------------------------------|-----------------------|--------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Construction (Heavy Construction) – Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|--------------------------|---------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1110. | Bivision | Course Grade | | Auditional Critical Requirement Protes |
| # ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | semester. An SAT, ACT, Accuplacer, or TOEFL score |
| PHY 111/113: General Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | determines placement into first-year |
| # CON 101: Construction and Culture: A Built Environment (HU, G, | 2 | | | | composition courses |
| H) | 3 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| # CON 100: Introduction to Construction | 2 | | | | **If ENG 105 a 3 hr applicable elective must |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | also be taken prior to graduation. See Advisor. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses • Maintain minimum ASU cumulative GPA of 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | 1 | _ | | | Maria de la companya |
| # CON 243: Heavy Construction Equipment, Methods, Materials | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| # CON 244: Working Drawing Analysis | 1 | | | | # Designates Major Course: A minimum |
| # CON 252: Building Construction Methods, Materials, Equipment | 3 | | | | cumulative GPA of 2.0 required in major courses |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| # CON 221: Applied Statics | 3 | | | Grade of C | Complete 14 (including labs) critical |
| | 3 | | | | courses by end of term 3. Maintain minimum ASU cumulative GPA |
| # CON 251: Microcomputer Applications for Construction | | | | | of 2.0 |
| COM 225: Public Speaking (L) | 3 | | | | Complete First-Year Composition |
| ECN 212: Microeconomic Principles (SB) | 3 | | | | requirement: ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| | | | | | # Designates Major Course: A minimum |
| STP 226: Elements of Statistics (CS) | 3 | | | | cumulative GPA of 2.0 required in major courses |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | "D : |
| # CON 223: Strength of Materials | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses |
| # CON 271: Construction Safety | 3 | | | | edinative of 71 of 2.0 required in major courses |
| # CON 241: Surveying | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) | 3 | | | | |
| | | | | | |
| Science: Quantitative (SQ) or Science General (SG) | 4 | | | | |
| TERM SUMMER 2 nd Year: 1 CREDIT HOUR | | _ | | | |
| # CON 296: Field Internship | 1 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | 0 1 60 | # Designates Major Course: A minimum |
| # CON 310: Testing and Materials for Construction | 4 | | | Grade of C | cumulative GPA of 2.0 required in major courses. |
| # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project | 4 | | | Grade of C | Note: maximum of two "D" grades are allowed in |
| Management Tandamental and Project | 3 | | | | all 3XX and 4XX courses combined. |
| # CON 383: Construction Estimating | 4 | | | Grade of C | |
| Select 1: # CON 394: Special Topics: Advanced Heavy Equipment Operations (3 hrs) # CON 394: Special Topics: Environmental Aspects of Heavy Construction (3 hrs) # CON 486: Heavy Construction Estimating (3 hrs) # CON 494: Special Topics: Heavy Construction Earthworks (3 hrs) # CON 494: Special Topics: Heavy Construction Project Management | | | | | |
| (3 hrs): | 3 | \boxtimes | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| # CON 389: Construction Cost Accounting and Control (CS) | 3 | ⊠ | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| LES 305: Legal, Ethical, Regulatory Issues in Business | 3 | ⊠ | | | Note: maximum of two "D" grades are allowed in |
| Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) | 3 | \boxtimes | | Grade of C | all 3XX and 4XX courses combined. |
| Select 2 additional: | ٠ | | | Grade or C | |
| # CON 394: Special Topics: Advanced Heavy Equipment Operations (3 hrs) # CON 394: Special Topics: Environmental Aspects of Heavy Construction (3 hrs) # CON 486: Heavy Construction Estimating (3 hrs) # CON 494: Special Topics: Heavy Construction Earthworks (3 hrs) # CON 494: Special Topics: Heavy Construction Project Management | 3 | ⊠ | | Grade of C | |
| (3 hrs): | 3 | \boxtimes | | Grade of C | |



Major Map: Construction (Heavy Construction) -Bachelor of Science (B.S.)

Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
|--|------|-------------------|--------------------------|------------------------------|--|--|
| TERM SUMMER 3 rd Year: 1 CREDIT HOUR | | | | | | |
| # CON 484: Internship | 1 | \boxtimes | | Grade of C | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| # CON 450: Geotechnical Applications for Construction | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative | |
| # CON 453: Construction Project Management I | 4 | \boxtimes | | Grade of C | GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX and 4XX | |
| # CON 495: Construction Planning and Scheduling | 3 | \boxtimes | | Grade of C | courses combined. | |
| Select 1 additional: # CON 394: Special Topics: Advanced Heavy Equipment Operations (3 hrs) # CON 394: Special Topics: Environmental Aspects of Heavy Construction (3 hrs) # CON 486: Heavy Construction Estimating (3 hrs) # CON 494: Special Topics: Heavy Construction Earthworks (3 hrs) # CON 494: Special Topics: Heavy Construction Project Management (3 hrs): | 3 | | | Grade of C | courses combined. | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| # CON 424: Structural Design | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative | |
| # CON 455: Construction Project Management II | 3 | \boxtimes | | Grade of C | GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX and 4XX | |
| # CON 496: Construction Contract Administration (L) | 3 | \boxtimes | | Grade of C | courses combined. | |
| Select remaining course: # CON 394: Special Topics: Advanced Heavy Equipment Operations (3 hrs) # CON 394: Special Topics: Environmental Aspects of Heavy Construction (3 hrs) # CON 486: Heavy Construction Estimating (3 hrs) # CON 494: Special Topics: Heavy Construction Earthworks (3 hrs) # CON 494: Special Topics: Heavy Construction Project Management (3 hrs): | 3 | | | Grade of C | | |

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Major GPA (2.000 Min. CUM GPA) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 Max) |
|---|---------------------------|---|------------------------------------|-----------------------|--------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Construction (Residential Construction) – Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | Competed Transfer ☐ MAPP ☐ TAC | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|---------------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| # ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | semester. An SAT, ACT, Accuplacer, or TOEFL score |
| PHY 111/113: General Physics I/Laboratory I (SQ) | 3/1 | | | Grade of C | determines placement into first-year |
| # CON 101: Construction & Culture: A Built Environment (HU, G, | 3 | | | | composition courses |
| H) # CON 100: Introduction to Construction | 2 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| # CON 100. Introduction to Construction | | | | | **If ENG 105 a 3 hr applicable elective must |
| | | | | | also be taken prior to graduation. See Advisor. |
| ENG 101 or 102: First-Year Composition OR | | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| ENG 105: Advanced First-Year Composition** OR | | | | | Maintain minimum ASU cumulative GPA |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | of 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | 0 | | 0 1 10 | Maintain minimum ASU cumulative GPA of |
| # CON 243: Heavy Construction Equipment, Methods, Materials | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| # CON 244: Working drawing Analysis # CON 252: Building Construction Methods, Materials, | 1 | | | | # Designates Major Course: A minimum |
| Equipment | 3 | | | | cumulative GPA of 2.0 required in major courses. |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| # CON 221. Applied Statios | 3 | | | Grade of C | Complete 14 critical courses by end of term |
| # CON 221: Applied Statics | | | | Grade of C | 3. Maintain minimum ASU cumulative GPA |
| # CON 251: Microcomputer Applications for Construction | 3 | | | | of 2.0 |
| COM 225: Public Speaking (L) | 3 | | | | Complete First-Year Composition |
| ECN 212: Microeconomic Principles (SB) | 3 | | | | requirement: ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| | | | | | # Designates Major Course: A minimum |
| STP 226: Elements of Statistics (CS) | 3 | | | | cumulative GPA of 2.0 required in major courses. |
| TERM FOUR: 46-60 CREDIT HOURS | | | I | I | # Designates Major Courses A minimum |
| # CON 223: Strength of Materials | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| # CON 271: Construction Safety | 3 | | | | • |
| # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | | |
| US (C) | 3 | | | | |
| Science Quantitative (SQ) or Science General (SG) | 4 | | | | |
| TERM SUMMER 2 nd Year: 1 CREDIT HOUR | | | | | |
| # CON 296: Field Internship | 1 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| # CON 310: Testing and Materials for Construction | 4 | ⊠ | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| # CON 345: Mechanical Systems | 4 | \boxtimes | | Grade of C | Note: maximum of two "D" grades are allowed in |
| # CON 273: Electrical Construction Fundamental and Project Management | 3 | | | | all 3XX and 4XX courses combined. |
| # CON 383: Construction Estimating | 4 | ⊠ | | Grade of C | |
| Select 1 | | | | | |
| # CON 377: Residential Construction Production Procedures (3 hrs) # CON 477: Residential Construction Business Practices (3 hrs) | | | | | |
| REA 380: Real Estate Fundamentals (3 hrs) | | | | Grade of C in CON | |
| Upper division elective (3 hrs) | 3 | \boxtimes | | courses | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | "D : |
| # CON 389: Construction Cost Accounting and Control (CS) | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. |
| LES 305: Legal, Ethical, Regulatory Issues in Business Select 1 additional course from: | 3 | \square | | | Note: maximum of two "D" grades are allowed in |
| # CON 377: Residential Construction Production Procedures (3 hrs) | | | | | all 3XX and 4XX courses combined. |
| # CON 477: Residential Construction Business Practices (3 hrs) | | | | G 1 (G: GO: | |
| REA 380: Real Estate Fundamentals (3 hrs) Upper division elective (3 hrs) | 3 | | | Grade of C in CON courses | |
| Upper division Humanities, Fine Arts & Design (HU) OR | | | | | |
| Social & Behavioral Science (SB) | 3 | | | | |
| Upper division Elective | 3 | \boxtimes | | | |
| TERM SUMMER 3 rd Year: 1 CREDIT HOUR # CON 484: Internship | | × | | Grade of C | |
| I # UUN 4X4: Internenin | 1 1 | IXI | Î. | Lurage of C | 1 |



Major Map: Construction (Residential Construction) -

Bachelor of Science (B.S.)
Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| # CON 450: Geotechnical Applications for Construction | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative |
| # CON 453: Construction Project Management I | 4 | \boxtimes | | Grade of C | GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX |
| # CON 495: Construction Planning and Scheduling | 3 | \boxtimes | | Grade of C | and 4XX courses combined. |
| Select 1 additional course from: # CON 377: Residential Construction Production Procedures (3 hrs) # CON 477: Residential Construction Business Practices (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division elective (3 hrs) | 3 | | | Grade of C in CON courses | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| # CON 424: Structural Design | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative |
| # CON 455: Construction Project Management II | 3 | \boxtimes | | Grade of C | GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX |
| # CON 496: Construction Contract Administration (L) | 3 | \boxtimes | | Grade of C | and 4XX courses combined. |
| Select remaining course from: # CON 377: Residential Construction Production Procedures (3 hrs) # CON 477: Residential Construction Business Practices (3 hrs) REA 380: Real Estate Fundamentals (3 hrs) Upper division elective (3 hrs) | 3 | | | Grade of C in | |

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Major GPA (2.000 Min. CUM GPA) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 Max) |
|---|---------------------------|---|------------------------------------|-----------------------|--------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
- Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Construction (Specialty Construction) – Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | □ MAPP □ | ISTET Pathway: FAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|---|----------|--------------|--|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | ASU 101-FSE should be completed first | |
| # ASU 101-FSE: The ASU Experience | 3 | | | C1FC | semester. | |
| MAT 265: Calculus for Engineers I (MA) | 3/1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | |
| PHY 111/113: General Physics I/ Laboratory I (SQ) # CON 101: Construction and Culture: A Built Environment (HU, G, | 3/1 | | | Grade of C | determines placement into first-year | |
| H) | 3 | | | | composition courses ASU Math Placement Exam score determines | |
| # CON 100: Introduction to Construction | 2 | | | | placement in Mathematics course | |
| W CO. (1001 MM GUACHOM TO COMM MCHOM | | | | | **If ENG 105 a 3 hr applicable elective must also | |
| | | | | | be taken prior to graduation. See Advisor. # Designates Major Course: A minimum | |
| ENG 101 or 102: First-Year Composition OR | | | | | cumulative GPA of 2.0 required in major courses. | |
| ENG 105: Advanced First-Year Composition** OR | | | | | Maintain minimum ASU cumulative GPA of | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | 2.0 | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| # CON 243: Heavy Construction Equipment, Methods, Materials | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 | |
| # CON 244: Working Drawing Analysis | 1 | | | | # Designates Major Course: A minimum | |
| # CON 252: Building Construction Methods, Materials, Equipment | 3 | | | | cumulative GPA of 2.0 required in major courses. | |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | | |
| ENG 103. Advanced First-Fear Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| # CON 221: Applied Statics | 3 | | | Grade of C | Complete 13 critical courses by end of term 3 | |
| | | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 | |
| # CON 251: Microcomputer Applications for Construction | 3 | | | | Complete First-Year Composition requirement: | |
| COM 225: Public Speaking (L) | 3 | | | | ENG 101 & 102 or ENG 107 & 108 or ENG 105 | |
| ECN 212: Microeconomic Principles (SB) | 3 | | | | # Designates Major Course: A minimum | |
| STP 226: Elements of Statistics (CS) | 3 | | | | cumulative GPA of 2.0 required in major courses. | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| | | | | | # Designates Major Courses A minimum | |
| # CON 223: Strength of Materials | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. | |
| # CON 223: Strength of Materials # CON 271: Construction Safety | 3 | | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying | | | | Grade of C | | |
| # CON 223: Strength of Materials # CON 271: Construction Safety | 3 | | | Grade of C | | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | Grade of C | | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) | 3 3 | | | Grade of C | | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) | 3 3 | | | Grade of C | | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR | 3 3 4 | | | Grade of C | | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship | 3 3 4 | | | Grade of C Grade of C | cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS | 3 3 4 | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project | 3 3 4 1 4 4 | | | Grade of C | cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management | 3 3 4 1 4 4 3 | | | Grade of C Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in | |
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| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 468: Mechanical and Electrical Estimating (3 hrs) # CON 471: Mechanical and Electrical Project (3 hrs) # CON 494: Special Topics: Cleanroom Construction (3 hrs) Upper division elective (3 hrs) TERM SIX: 76-90 CREDIT HOURS | 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Courses | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 468: Mechanical and Electrical Estimating (3 hrs) # CON 471: Mechanical and Electrical Project (3 hrs) # CON 494: Special Topics: Cleanroom Construction (3 hrs) Upper division elective (3 hrs) TERM SIX: 76-90 CREDIT HOURS # CON 389: Construction Cost Accounting and Control (CS) | 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. | |
| # CON 223: Strength of Materials # CON 271: Construction Safety # CON 241: Surveying Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Science Quantitative (SQ) or Science General (SG) TERM SUMMER 2 nd Year: 1 CREDIT HOUR # CON 296: Field Internship TERM FIVE: 61-75 CREDIT HOURS # CON 310: Testing and Materials for Construction # CON 345: Mechanical Systems # CON 273: Electrical Construction Fundamental and Project Management # CON 383: Construction Estimating Select 1 # CON 468: Mechanical and Electrical Estimating (3 hrs) # CON 471: Mechanical and Electrical Project (3 hrs) # CON 494: Special Topics: Cleanroom Construction (3 hrs) Upper division elective (3 hrs) TERM SIX: 76-90 CREDIT HOURS | 3 3 4 1 4 4 4 3 4 | | | Grade of C Grade of C Grade of C Grade of C Courses | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in | |
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Major Map: Construction (Specialty Construction) -Bachelor of Science (B.S.)

Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
|---|------|-------------------|--------------------------|------------------------------|--|--|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| # CON 450: Geotechnical Applications for Construction | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative | |
| # CON 453: Construction Project Management I | 4 | \boxtimes | | Grade of C | GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX and 4XX | |
| # CON 495: Construction Planning and Scheduling | 3 | \boxtimes | | Grade of C | courses combined. | |
| Select 1 additional course from: # CON 468: Mechanical and Electrical Estimating (3 hrs) # CON 471: Mechanical and Electrical Project (3 hrs) # CON 494: Special Topics: Cleanroom Construction (3 hrs) Upper division elective (3 hrs) | 3 | | | Grade of C in CON Courses | courses comomed. | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| # CON 424: Structural Design | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative | |
| # CON 455: Construction Project Management II | 3 | \boxtimes | | Grade of C | GPA of 2.0 required in major courses. Note: maximum of two "D" grades are allowed in all 3XX and 4XX | |
| # CON 496: Construction Contract Administration | 3 | \boxtimes | | Grade of C | courses combined. | |
| Select remaining course from: # CON 468: Mechanical and Electrical Estimating (3 hrs) # CON 471: Mechanical and Electrical Project (3 hrs) # CON 494: Special Topics: Cleanroom Construction (3 hrs) Upper division elective (3 hrs) | 3 | \boxtimes | | Grade of C in CON Courses | | |

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Major GPA (2.000 Min. CUM GPA) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 Max) |
|---|---------------------------|---|------------------------------------|-----------------------|--------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - 0
 - Mathematical Studies (MA)
 Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Electrical Engineering – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Select and Tale control (Control Medical Control Regulated National | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|--|---|--|-------------|--|------------------------------|---|
| **Complete MAT 265 with a minimum grade of **C.** CIM 116 General Chemistry IF (SQ) 0.8 | | 11 | Upper | Transfer | Minimum Grade if | |
| ASJ 101-FSE: The ASJ Experience CIMI 11G General Chemistry If 1 (SQ) CIMI 11G General Chemistry If 1 (SQ) 4 | | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| CHM 14 General Chemistry Fe (SCM 4 | | 1 | П | | | Complete MAT 265 with a minimum grade of |
| #ERE III Designation with C++ (CS) OR #ERE III Designation with C++ (CS) OR #ERE III Introduction to Engineering Designation States and Designation of Introduction to Engineering Perspectives on Biological Systems 3 | HM 114: General Chemistry for Engineers (SQ) OR | | | | | |
| #EEE 101 und 102: First-Year Composition OR BME 111: Engineering Perspectives on Biological Systems AN T 265: Calculus for Engineers 1 MAT 265: Calculus for Engineers 1 AN T 265: Calculus for Engineers 1 BME 111: Engineering Perspectives on Biological Systems AN T 265: Calculus for Engineers 1 AN T 265: Calculus for Engineers 1 BME 111: Engineering Perspectives on Biological Systems AN T 265: Calculus for Engineers 1 BME 111: Engineering Perspectives on Biological Systems AN T 265: Calculus for Engineers 1 BME 121: Engineering Perspectives on Biological Systems BME 126: Calculus for Engineer A uninnum cumulative GPA of 2.0 required in major courses. BME 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 107 and 108: English for Foreign Students OR ENG 107 and 108: English for Foreign Students OR SES 100: Principles of Programming with C++ (CS) OR #UEL 120: Digital Design Fundamentals #UEL 201: Digital Design Fundamental | | 4 | Ш | | | An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 265: Calculus for Engineers 1 | EEE 120: Digital Design Fundamentals | | | | | |
| MAT 265: Calculus for Engineers 3 | | | l n | | | ASU Math Placement Exam score determines |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 107 and 108: English for Foreign Students OR ENG 107 and 108: English for Foreign Students OR ENG 108: Advanced First-Vear Composition ** SEG 109: Advanced First-Vear Composition ** (SES 100: Principles of Programming with C++ (CS) OR #ERE 120: Digital Design Fundamentals 3 | | | | | Grade of C | 1 |
| Bell Designate | | | | | | towards degree credit |
| BOS 101 and 102: First-Year Composition OR BOS Grade of C | | | | | | |
| ENG 105. Advanced First-Year Composition ** Complete 10 critical courses by end of term 3 Complete 10 critical courses b | | | | | | # Designates Major Course: A minimum cumulative |
| **REF 109: Enciples of Programming with C++ (CS) OR # (EE) 120: Digital Design Fundamentals 3 | | 3 | | | Grade of C | |
| # EEE 120. Digital Design Fundamentals | | J | | | Grade of C | William Manager Community Co. 11 or 210 |
| ### EEE 101: Introduction to Engineering Design OR ### 111: Introduction to Engineering Properties on Biological Systems 3 | | | | | | |
| BME 111: Engineering Perspectives on Biological Systems 3 | | | | | | |
| PHY 121/122: University Physics I/Laboratory I (SQ) 3/1 | ME 111: Engineering Perspectives on Biological Systems | 3 | | | | |
| ENG 101 and 102; First-Vear Composition OR ENG 107 and 108; English for Foreign Students OR ENG 105 Advanced First-Vear Composition ** # EEE 202; Circuits I | | | _ | | İ | _ |
| Fixed 107 and 108. English for Foreign Students OR Single | | 3/1 | Ш | | Grade of C | - |
| # EEE 202: Circuits 1 # AT 267: Calculus for Engineers III # AT 274: Elementary Differential Equations (MA) OR # AT 274: Elementary Differential Equations (MA) OR # AT 275: Modern Differential Equations (MA) OR # AT 275: Modern Differential Equations (MA) # Grade of C # Complete First-Year Composition requirement: ENG 101 & 102 or ENG 107 & 108 or ENG 105 # Designates Major Course: A minimum cumulative # AT 275: Modern Differential Equations (MA) # Grade of C # Complete First-Year Composition requirement: ENG 101 & 102 or ENG 107 & 108 or ENG 105 # Designates Major Course: A minimum cumulative # ENG 101 & 102 or ENG 107 & 108 or ENG 105 # Designates Major Course: A minimum cumulative # EEE 203: Signals and Systems I # EEE 241: Fundamentals of Electromagnetics # EEE 241: Fundamentals of Electromagnetics # AT 342: Linear Algebra (AA) OR # AT 342: Linear Algebra (AB) OR # AT 343: Applied Linear Algebra # EEE 343: Circuits II # EEE 350: Random Signal Analysis # EEE 304: Cromputer Organization and Assembly Language # Area Pathway Course # Area | NG 107 and 108: English for Foreign Students OR | | _ | | | |
| #EEE 202: Circuits I MAT 267: Calculus for Engineers III MAT 274: Elementary Differential Equations (MA) OR MAT 275: Modern Differential Equations (MA) MAT 275: Modern Differential Equations (MA) Mar 275: Modern Differential Equations (MA) Mar 275: Modern Differential Equations (MA) Mar 275: Modern Differential Equations (MA) Mar 276: Modern Differential Equations (MA) Mar 276: Modern Differential Equations (MA) Mar 276: Modern Differential Equations (MA) Mar 276: Modern Differential Equations (MA) Mar 348: University Physics II Electricity and Magnetism/ MAT 342: Linear Algebra (MA) OR MAT 343: Applied Linear Algebra MAT 342: Linear Algebra (MA) OR MAT 343: Applied Linear Algebra MAT 343: Applied Linear Algebra MAT 345: Circuits II MEEE 334: Circuits II MEEE 334: Circuits II MEEE 334: Circuits II MEEE 334: Circuits II MEEE 334: Circuits II MEEE 334: Circuits II Memanities, Fine Arts & Design (HU) AND Cultural Diversity in the US C.) Global Awareness (G) or Historical Awareness (H) Mar 348: Applied Linear Algebra Mar 348: Applied Linear Algebra Mar 349: Mar 340: Mar | • | 3 | | | Grade of C | |
| # EEE 202: Circuits 1 MAT 267: Calculus for Engineers III 3 Grade of C MAT 275: Modern Differential Equations (MA) OR MAT 275: Modern Differential Equations (MA) BY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) TERM FOUR: 46-60 CREDIT HOURS # EEE 203: Signals and Systems I # EEE 241: Fundamentals of Electromagnetics MAT 342: Liniversity Physics III BY Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # FEE 241: Fundamentals of Electromagnetics MAT 342: Liniversity Physics III BY Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # FEE 241: Fundamentals of Electromagnetics MAT 342: Liniversity Physics III BY Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # FEE 301: Grade of C # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # FEE 302: Computer Organization and Assembly Language # FEE 303: Computer Organization and Assembly Language # FEE 230: Computer Organization and Assembly Language # FEE 230: Computer Organization and Assembly Language # Area Pathway Course | ERM THREE: 31-45 CREDIT HOURS | | | | | Complete 10 critical courses by end of term 3 |
| Complete First-Year Composition requirement: Sinate Of C | EEE 202: Circuits I | 4 | | | | Maintain minimum ASU cumulative GPA of |
| MAT 274: Elementary Differential Equations (MA) OR MAT 275: Modern Differential Equations (MA) MAT 275: Modern Differential Equations (MA) MAT 275: Modern Differential Equations (MA) BY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) TERM FOUR: 46-60 CREDIT HOURS # EEE 203: Signals and Systems I # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Area Pathway Courses (Grade of C Grade IAT 267: Calculus for Engineers III | 3 | | | Grade of C | |
| # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # EEE 241: Fundamentals of Electromagnetics # Term Four: 46-60 CREDIT HOURS # EEE 241: Fundamentals of Electromagnetics # Term Four: 46-60 CREDIT HOURS # EEE 241: Fundamentals of Electromagnetics # Term Four: 46-60 CREDIT HOURS # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Pasignates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Area Pathway Courses: (choose 4) EEE 304. # Area Pathway Courses: (choose 4) EEE 304. # Area Pathway Course # Besignates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Area Pathway Course # Area Pathway | • • • • • • | 2 | | | Grada of C | ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| Laboratory II (SQ) TERM FOUR: 46-60 CREDIT HOURS # EEE 203: Signals and Systems I # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Area Pathway Courses: (choose 4) EEE 304, 333, 335, 341, 352, 360. Area Pathway courses are prerequisites for Technical Electives. See Advisor for guidance in selection. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Area Pathway Courses: (choose 4) EEE 304, 333, 335, 341, 352, 360. Area Pathway courses are prerequisites for Technical Electives. See Advisor for guidance in selection. # Area Pathway Course: A minimum cumulative GPA of 2.0 required in major courses. # Area Pathway Courses: (choose 4) EEE 304, 333, 335, 341, 352, 360. Area Pathway courses are prerequisites for Technical Electives. See Advisor for guidance in selection. # Area Pathway Course: A minimum cumulative GPA of 2.0 required in major courses are prerequisites for Technical Electives. See Advisor for guidance in selection. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses are prerequisites for Technical Electives. See Advisor for guidance in selection. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses are prerequisites for Technical Electives. See Advisor for guidance in selection. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses are prerequisites for Technical Electives. See Advisor for guidance in selecti | • | 3 | | | Grade of C | |
| # EEE 241: Fundamentals of Electromagnetics MAT 342: Linear Algebra (MA) OR MAT 343: Applied Linear Algebra PHY 241: University Physics III Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) TERM FIVE: 61-75 CREDIT HOURS # EEE 330: Computer Organization and Assembly Language Programming # Area Pathway Course # Area Pathway Course # Area Pathway Course # Area Pathway Course # Area Pathway Course # Area Pathway Course # Area Pathway Course # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Area Pathway Course # A | | 3/1 | | | Grade of C | or real 2.0 required in major equipes. |
| # EEE 241: Fundamentals of Electromagnetics MAT 342: Linear Algebra (MA) OR MAT 343: Applied Linear Algebra BHY 241: University Physics III Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) # EEE 334: Circuits II # EEE 330: Random Signal Analysis # EEE 350: Random Signal Analysis # EEE 300: Computer Organization and Assembly Language Programming # Area Pathway Course # Area | | | | | | # Designates Major Course: A minimum aumulative |
| MAT 342: Linear Algebra (MA) OR MAT 343: Applied Linear Algebra 3 S Grade of C PHY 241: University Physics III 4 W S Grade of C EEE 334: Circuits II 4 EEE 350: Random Signal Analysis # EEE 230: Computer Organization and Assembly Language Programming # Area Pathway Course # Area Pathway Cou | | | _ | | | |
| PHY 241: University Physics III Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) TERM FIVE: 61-75 CREDIT HOURS # EEE 334: Circuits II # EEE 350: Random Signal Analysis # EEE 350: Computer Organization and Assembly Language Programming # Area Pathway Course | | 3 | | | | 1 |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) TERM FIVE: 61-75 CREDIT HOURS # EEE 334: Circuits II # EEE 350: Random Signal Analysis # EEE 230: Computer Organization and Assembly Language Programming # Area Pathway Course # Area Pathway Course # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # EEN 211/212 (SB): Macroeconomic Principles/Microeconomic Principles or ECN 201: Economic Issues & Analysis (SB) # Area Pathway Course # Designates Major Course: A minimum cumulative | | | | | İ | _ |
| US (C), Global Awareness (G) or Historical Awareness (H) TERM FIVE: 61-75 CREDIT HOURS # EEE 334: Circuits II # EEE 350: Random Signal Analysis # EEE 230: Computer Organization and Assembly Language Programming # Area Pathway Course # Area Pathway Course # Area Pathway Course # O Area Pathway Courses (choose 4) EEE 304, 333, 335, 341, 352, 360. Area Pathway courses are prerequisites for Technical Electives. See Advisor for guidance in selection. # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Area Pathway Course # D Designates Major Course: A minimum cumulative | | | | | Grade of C | 4 |
| # EEE 34: Circuits II # EEE 350: Random Signal Analysis # EEE 230: Computer Organization and Assembly Language Programming # Area Pathway Course # Area Path | | | | | | |
| # EEE 350: Random Signal Analysis # EEE 30: Random Signal Analysis # EEE 30: Computer Organization and Assembly Language Programming # Area Pathway Course # | | | | | | |
| # EEE 30: Random Signal Analysis are prerequisites for Technical Electives. See Advisor for guidance in selection. # EEE 230: Computer Organization and Assembly Language Programming # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses. # Area Pathway Course # Area Pathway Course # Designates Major Course: A minimum cumulative | | | | | | |
| Programming # Area Pathway Course # Designates Major Course: A minimum cumulative # Designates Major Course: A minimum cumulative | | 3 | | | | are prerequisites for Technical Electives. See |
| # Area Pathway Course GPA of 2.0 required in major courses. TERM SIX: 76-90 CREDIT HOURS ECN 211/212 (SB): Macroeconomic Principles/Microeconomic Principles or ECN 201: Economic Issues & Analysis (SB) # Area Pathway Course # Area Pathway Course # Area Pathway Course # Area Pathway Course # Area Pathway Course # Area Pathway Course # Designates Major Course: A minimum cumulative | | 3 | | | | |
| ECN 211/212 (SB): Macroeconomic Principles/Microeconomic Principles or ECN 201: Economic Issues & Analysis (SB) # Area Pathway Course # Area Pathway Course # Area Pathway Course # Area Pathway Course # Area Pathway Course # Designates Major Course: A minimum cumulative | Area Pathway Course | 4 | \boxtimes | | | |
| Principles or ECN 201: Economic Issues & Analysis (SB) 3 | | | | | | A D. J. C. (1 A) FFF 204 |
| # Area Pathway Course # Area Pathway Course 4 \(\subseteq \) # Area Pathway Course 4 \(\subseteq \) # Designates Major Course: A minimum cumulative | | 3 | | | | |
| # Area Pathway Course # Designates Major Course: A minimum cumulative | Area Pathway Course | 4 | ⊠ | | | are prerequisites for Technical Electives. See |
| # Area Pathway Course 4 🔯 GPA of 2.0 required in major courses | Area Pathway Course | 4 | ⊠ | | | |
| | Area Pathway Course | 4 | \boxtimes | | | GPA of 2.0 required in major courses. |
| TERM SEVEN: 91-105 CREDIT HOURS | | | - | | | • Con Dogwoo Audit Domonting Systems (DADS) for |
| # EEE 488: Senior Design Laboratory I (L) Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the See Degree Audit Reporting System (DARS) for approved list of Technical Electives | | | | | + | |
| US (C), Global Awareness (G) or Historical Awareness (H) 3 # Designates Major Course: A minimum cumulative | S (C), Global Awareness (G) or Historical Awareness (H) | | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | | 3 | | | | GTA 012.0 required in major courses. |
| # Technical Elective 3 | | | | | | 1 |
| # Technical Elective 3 🖂 | | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| # EEE 489: Senior Design Laboratory II (L) See Degree Audit Reporting System (DARS) for approved list of Technical Electives | | | | | | |
| # Designates Major Course: A minimum cumulative | | | | | | # Designates Major Course: A minimum cumulative |
| #Technical Elective 3 \(\square\) GPA of 2.0 required in major courses. #Technical Elective 3 \(\square\) | | | | | | GPA of 2.0 required in major courses. |
| | | 3 | | | | - |
| UD Humanities, Fine Arts & Design (HU) OR Social Behavioral & | | 3 | l 🖂 | | 0-2011 1019 | |

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Major Map: Electrical Engineering -Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|------------------------------|-------------------------------------|------------------------------------|---|-----------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Academic Catalog Archive 2010-2011 1020



Major Map: Electrical Engineering (Electric Power and Energy Systems) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | Competed Tran | | Completed General Education: |
|---|------|-------------|--|-------------------------------|--|
| Course Subject and Title | 1 | Upper | ☐ MAPP ☐ Transfer | TAG ATP None Minimum Grade if | □AGEC □IGETC/CSUGE □None |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | , | | | | ASU 101-FSE should be completed first semester. |
| ASU 101-FSE: The ASU Experience CHM 114: General Chemistry for Engineers OR | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| CHM 116: General Chemistry II * | 4 | | | | determines placement into first-year composition courses |
| # CSE 100: Principles of Programming with C++ (CS) OR # EEE 120: Digital Design Fundamentals | 3 | | | | ASU Math Placement Exam score determines |
| # EEE 101: Introduction to Engineering Design OR | 2 or | | | | placement in Mathematics course * CHM 113 is a prerequisite and does not apply |
| BME 111: Engineering Perspectives on Biological Systems | 3 | | | 0.1.60 | towards degree credit |
| MAT 265: Calculus for Engineers I | 3 | | | Grade of C | **If ENG 105 a 3 hr applicable elective must also be taken prior to graduation. See Advisor. |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | # Designates Major course: A minimum cumulative GPA of 2.0 required in major courses. |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | | | | Maria de Agy |
| # CSE 100: Principles of Programming with C++ (CS) OR # EEE 120: Digital Design Fundamentals | 3 | | | | Maintain minimum ASU cumulative GPA of 2.0 # Designates Major course: A minimum cumulative |
| # EEE 101: Introduction to Engineering Design OR | 2 or | | | | GPA of 2.0 required in major courses. |
| BME 111: Engineering Perspectives on Biological Systems MAT 266: Calculus for Engineers II | 3 | | | Grade of C | |
| PHY 121/122: University Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | 1 |
| ENG 101 or 102: First-Year Composition OR | | | | 0.000 | |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | , | | | Grade of C | |
| # EEE 202: Circuits I | 4 | | | | Complete 10 critical courses (including labs) by |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | end of term 3 Maintain minimum ASU cumulative GPA of 2.0 |
| MAT 274: Elementary Differential Equations (MA) OR MAT 275: Modern Differential Equations (MA) | 3 | | | Grade of C | Complete First-Year Composition requirement: |
| PHY 131/132: University Physics II Electricity and Magnetism/ | | | | Grade of C | # Designates Major course: A minimum cumulative |
| Laboratory II (SQ) | 3/1 | | | Grade of C | GPA of 2.0 required in major courses. |
| TERM FOUR: 46-60 CREDIT HOURS | | • | | 1 | |
| # EEE 203: Signals and Systems I | 3 | | | | # Designates Major course: A minimum cumulative GPA of 2.0 required in major courses. |
| # EEE 241: Fundamentals of Electromagnetics MAT 342: Linear Algebra OR | 3 | | | | , , |
| MAT 343: Applied Linear Algebra | 3 | ⊠ | | Grade of C | |
| PHY 241: University Physics III Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | Grade of C | |
| US (C), or Historical Awareness (H) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| # EEE 230: Computer Organization and Assembly Language Programming | 3 | | | | # Designates Major course: A minimum cumulative GPA of 2.0 required in major courses. |
| # EEE 334: Circuits II | 4 | | | | G174 01 2.0 required in major courses. |
| # EEE 350: Random Signal Analysis | 3 | ⊠ | | | |
| # EEE 360: Energy Systems and Power Electronics | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | A D. I. G. (1) D. T. T. C. (2) |
| ECN 211/212 (SB): Macroeconomic Principles/Microeconomic Principles or ECN 201: Economic Issues & Analysis (SB) | 3 | | | | Area Pathway Courses: (choose 3) EEE 304, 333, 335, 341, 352. Area Pathway courses are |
| # Area Pathway Course | 4 | | | | prerequisites for Technical Electives. See Advisor |
| # Area Pathway Course | 4 | | | | for guidance in selection. # Designates Major course: A minimum cumulative |
| # Area Pathway Course | 4 | | | | GPA of 2.0 required in major courses. |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | L #Designation Maior comment A 111 |
| # EEE 488: Senior Design Laboratory I (L) Select 2 | 3 | | | | # Designates Major course: A minimum cumulative GPA of 2.0 required in major courses. |
| # EEE 460: Nuclear Concepts for the 21st Century (3 hrs) | | | | | . , |
| # EEE 463: Electrical Power Plant (3 hrs) # EEE 470: Electric Power Devices (3 hrs) | | | | | |
| # EEE 470: Electric Power Devices (3 hrs) # EEE 471: Power System Analysis (3 hrs) | | | | | |
| # EEE 473: Electrical Machinery (3 hrs) | | | | | |
| # EEE 498: Pro-Seminar (Power Elec.) (3 hrs) # EEE 498: Pro-Seminar (Solar Energy) (3 hrs) | 6 | \boxtimes | <u> </u> | | |
| GCU 364: Energy in the Global Arena (SB, G) | 3 | ⊠ | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), or Historical Awareness (H) | 3 | | | | |
| OS (C), OI HISTORICAI AWATERIESS (H) | 3 | | | 1 | |



Major Map: Electrical Engineering (Electric Power and Energy Systems) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| # EEE 489: Senior Design Laboratory II (L) Select 1 not previously selected: # EEE 460: Nuclear Concepts for the 21 st Century (3 hrs) # EEE 463: Electrical Power Plant (3 hrs) | 3 | | | | See Degree Audit Reporting System (DARS) for approved list of Technical Electives # Designates Major course: A minimum cumulative GPA of 2.0 required in major courses. |
| # EEE 470: Electrical Power Palan (3 lifs) # EEE 470: Electric Power Devices (3 hrs) # EEE 471: Power System Analysis (3 hrs) # EEE 473: Electrical Machinery (3 hrs) # EEE 498: Pro-Seminar (Power Elec.) (3 hrs) | | | | | |
| # EEE 498: Pro-Seminar (Solar Energy) (3 hrs) | 3 | | | | _ |
| # Technical Elective | 3 | | | | |
| # Technical Elective Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SR) | 3 | | | | |

Graduation Requirements Summary:

| | Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|---|-----------------------|------------------------------|-------------------------------------|------------------------------------|---|-----------------------------------|
| ĺ | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Engineering Special Studies (Pre-medical Engineering) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|----------|-------------------|--------------------------|------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | 1111 | |
| ASU 101-FSE: The ASU Experience | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| BME 100: Introduction to Bioengineering OR | 2 or | | | 0 1 60 | determines placement into first-year composition courses |
| BIO 181: General Biology II (CS) MAT 265: Calculus for Engineers I | 3 | | | Grade of C Grade of C | ASU Math Placement Exam score determines |
| CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | placement in Mathematics course ** If ENG 105 a 3 hr applicable elective must also |
| ENG 101 or 102: First-Year Composition OR | <u> </u> | | | Grade of C | be taken prior to graduation. See Advisor. |
| ENG 105: Advanced First-Year Composition** OR | , | | | C1fC | Maintain minimum ASU cumulative GPA of |
| ENG 107 or 108: English for Foreign Students TERM TWO: 16-30 CREDIT HOURS | 3 | | | Grade of C | 2.0 |
| BME 100: Introduction to Bioengineering OR | 2 or | | | | Maintain minimum ASU cumulative GPA of |
| BIO 181: General Biology II (SQ) | 4 | | | Grade of C | 2.0 |
| CHM 116: General Chemistry II (SQ) | 4 | | | Grade of C | |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | 4 |
| PHY 121/122: University Physics I/ Laboratory I (SQ) ENG 101 or 102: First-Year Composition OR | 3/1 | | | Grade of C | - |
| ENG 105: Advanced First-Year Composition** OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | 1 | | |
| BME 235: Physiology for Engineers PHY 131/132: University Physics II Electricity and | 4 | | | Grade of C | Complete 11 critical courses by end of term 3 Maintain minimum ASU cumulative GPA of |
| Magnetism/Laboratory II (SQ) | 3/1 | | | Grade of C | 2.0 |
| CHM 233/237: General Organic Chemistry I/Laboratory I | 3/1 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 % 102 or ENG 107 % 108 or ENG |
| | | | | | ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| CSE 100: Principles of Programming with C++ (CS) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | 1 | , | | |
| BME 200: Conservation Principles in Bioengineering | 3 | | | Grade of C | |
| EEE 202: Circuits I | 4 | | | Grade of C | |
| MAE 212: Engineering Mechanics | 4 | | | Grade of C | - |
| MAT 275: Modern Differential Equations (MA) CHM 234/238: General Organic Chemistry II/Laboratory II OR | 3 | | | Grade of C | - |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 4 or | | | Grade of C in CHM | |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | 234/238 | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | # Designates Major Course: A minimum |
| #BME 318: Biomaterials | 3 | | | | cumulative GPA of 2.0 required. |
| # BME 350: Signals and Systems for Bioengineering # CHM 341: Elementary Physical Chemistry | 3 | | | Grade of C | · |
| # MAT 343: Applied Linear Algebra | 3 | | | Grade of C | 1 |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | , | | | | 1 |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | WD : |
| # BME 300: Bioengineering Product Design | 3 | \boxtimes | | Grade of C | # Designates Major Course: A minimum cumulative GPA of 2.0 required. |
| # BME 331: Bioengineering Transport Phenomena | 3 | | | | - |
| # BME 370: Microcomputer Applications in Bioengineering CHM 234/238: General Organic Chemistry II/Laboratory II OR | 3 | | | | - |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | | | | | |
| US (C), Global Awareness (G) or Historical Awareness (H) if CHM 234/238 completed | 4 or 3 | | | Grade of C in CHM 234/238 | |
| # IEE 380: Probability and Statistics for Engineering Problem Solving | 3 | | | 234/236 | 1 |
| TERM SEVEN: 91-105 CREDIT HOURS | , | | | | |
| # BME 413: Biomedical Instrumentation (BME 413 + 423 = L) | 3 | \boxtimes | | | # Designates Major Course: A minimum |
| # BME 417: Biomedical Engineering Capstone Design I (L) | 4 | ⊠ | | Grade of C | cumulative GPA of 2.0 required. |
| # BME 423: Biomedical Instrumentation Laboratory | 1 | ⊠ | | | |
| # BME 434: Applications of Bioengineering OR | | | | |] |
| # BME 416: Biomechanics OR # BME 419: Biocontrol Systems | 3 | | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | | 1 |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | # Decision to Maior Course A |
| # BME 490: Biomedical Engineering Capstone Design II Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 4 | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required. |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | \boxtimes | | | |
| # Technical Elective | 1 | ⊠ | | | 1 |
| UD Humanities, Fine Arts & Design (HU) OR Social Behavioral | | | | | |
| Science (SB) | 3 | \boxtimes | | | |



Major Map: Engineering Special Studies (Pre-medical Engineering) – Bachelor of Science in Engineering (B.S.E.)

Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Major GPA (2.000 Min. CUM GPA) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 Max) |
|---|---------------------------|---|------------------------------------|-----------------------|--------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Industrial Engineering – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | | nsfer Pathway: | Completed General Education: |
|--|-----------|-------------|-----------------|----------------------------------|---|
| Course Subject and Title | | Upper | Transfer | TAG □ATP □None Minimum Grade if | □AGEC □IGETC/CSUGE □None |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first |
| IEE 100: Intro to Engineering Design OR CSE 110: Principles of Programming with Java (or CSE 100: Principles of Programming with C+++) (CS) | 2 or 3 | | | Grade of C | semester. • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| BME 111: Engineering Perspectives on Biological Systems | 3 | | | Grade of C | courses |
| MAT 265: Calculus for Engineers I | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| ENG 101 or 102: First-Year Composition OR | | | | | ** If ENG 105 a 3 hr applicable elective must also |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students Social & Behavioral Science (SB) AND Cultural Diversity in the US | 3 | | | Grade of C | be taken prior to graduation. See Advisor. • Maintain minimum ASU cumulative GPA of 2.0 |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | 2.10 |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| IEE 100: Intro to Engineering Design OR CSE 110: Principles of Programming with Java (or CSE 100: Principles of Programming with C++) (CS) | 2 or 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | - |
| PHY 121/122: University Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | _ |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | _ |
| TERM THREE: 31-45 CREDIT HOURS | 3 | | | Grade of C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | | • Complete 9 critical courses by end of term 3 |
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | | | | Maintain minimum ASU cumulative GPA of 2.0 |
| IEE 210: Introduction to Industrial Engineering | 3 | | | Grade of C | Complete First-Year Composition requirement: |
| MAT 267: Calculus for Engineers III | 3 | | | | ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II (SQ) | 3/1 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| IEE 220: Business/Industrial Engineering | 3 | | | Grade of C | *CHM 113 is a prerequisite and does not apply |
| CHM 114: General Chemistry for Engineers OR CHM 116: General Chemistry II * | 4 | | | | towards degree credit |
| MAT 242: Elementary Linear Algebra | 2 | | | | - |
| MAT 275: Modern Differential Equations (MA) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| IEE 300: Economic Analysis for Engineers | 3 | | | Grade of C | 4 |
| IEE 305: Information Systems Engineering | 3 | | | Grade of C | _ |
| IEE 380: Probability and Statistics for Engineering Problem Solving IEE 382: Probability & Statistics Lab | 3 | | | Grade of C Grade of C | _ |
| Complete 1 course from: | 1 | | | Grade of C | - |
| EEE 202: Circuits I (4 hrs) MAE 212: Engineering Mechanics (4 hrs) | 3 or | | | | |
| MSE 250: Structure and Properties of Materials (3 hrs) Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 4 | | | | 1 |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| IEE 376: Operations Research Deterministic Techniques/Applications | 3 | | 1 | Grade of C | - |
| IEE 369: Work Analysis and Design (L) Complete remaining 2 courses from: | 3 | | 1 | Grade of C | 4 |
| EEE 202: Circuits I (4 hrs) | | | | | |
| MAE 212: Engineering Mechanics (4 hrs) MSE 250: Structure and Properties of Materials (3 hrs) | 7 or 8 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | <u> </u> |
| IEE 470: Stochastic Operations Research | 3 | \boxtimes | | Grade of C | |
| IEE 474: Quality Control | 3 | | | Grade of C | |
| IEE 475: Simulating Stochastic Systems | 4 | | | Grade of C | 4 |
| Career Focused Elective UD Humanities, Fine Arts & Design (HU) OR Social & Behavioral | 3 | | | | - |
| Science (SB) | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| IEE 461: Production Control | 3 | | | Grade of C | |
| IEE 490: Project in Design and Development (L) | 3 | \boxtimes | | Grade of C | |
| IEE Technical Elective | 3 | | | Grade of C | 4 |
| Career Focused Elective | 3 | | | | 4 |
| Career Focused Elective Acaden | lic Cal | aloo Ar | L Chive 2010 | <u> </u> -2011 1025 | L |



Major Map: Industrial Engineering –
Bachelor of Science in Engineering (B.S.E.)
Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|------------------------------|-------------------------------------|------------------------------------|---|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

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Major Map: Informatics -Bachelor of Science (B.S.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | | ansfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|---------|-------------|--------------|---|--|
| Course Subject and Title | Hr | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | S. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first |
| # CPI 101: Intro to Informatics (CS) | 3 | | | Grade of C | semester. |
| # CSE 110: Principles of Programming with Java (CS) | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ENG 101 or 102: First-Year Composition OR | | | | | composition courses |
| ENG 105: Advanced First-Year Composition** OR | 3 | П | | Crade of C | ASU Math Placement Exam score determines |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course ** If ENG 105, a 3 hr applicable elective must |
| | | | | | also be taken prior to graduation. See Advisor. #Designates Core Course: A minimum |
| | | | | | cumulative GPA of 2.50 required in core courses. |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), | 3 | | | | (NOTE: An additional HU/SB can be move up to |
| Global Awareness (G) or Historical Awareness (H) TERM TWO: 16-30 CREDIT HOURS | 3 | | | | Term 1, or any deficiency courses can be added) |
| # CSE 205: Object Oriented Programming and Data Structures (CS) | 3 | | | Grade of C | #Designates Core Course: A minimum |
| # MAT 210: Brief Introduction to Calculus (MA) or | | | | Grade of C | cumulative GPA of 2.50 required in core courses. |
| # MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | |
| # CPI 200: Mathematical Foundations of Informatics (MA) | 3 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US | | | | | |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 2 | N | | C 1 CC | Complete all 6 critical courses each with a |
| # IEE 305: Information Systems Engineering (CS) | 2 | | | Grade of C | minimum grade of C. |
| # MAT 242: Linear Algebra (MA) ## Informatics Elective | 3 | | | Grade of C | Complete First-Year Composition requirem First 102 First 107 6 109 First |
| Literacy & Critical Inquiry (L) | 3 | | | Grade of C | ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| Laboratory Science (SG) | 4 | \vdash | | | See advisor for approved list of Informatics |
| | | _ | | | Electives |
| | | | | | #Designates Core Course: A minimum cumulative GPA of 2.50 required in core courses. |
| | | | | | ##Designates Focal Area & Informatics Elective: |
| | | | | | A minimum cumulative GPA of 2.50 required in |
| TERM FOUR. ACCREDIT HOURS | | | | | focus area courses and informatics electives. |
| #CPI 310: Information and Data Management | 3 | \boxtimes | | Grade of C | See advisor for approved list of Informatics |
| Laboratory Science (SQ) | 4 | | | Grade of C | Electives |
| # MAT 243: Discrete Mathematical Structures | 3 | П | | Grade of C | #Designates Core Course: A minimum cumulative GPA of 2.50 required in core courses. |
| ## Informatics Elective | 3 | | | Grade of C | ##Designates Focal Area & Informatics Elective: |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), | | | | Grade of C | A minimum cumulative GPA of 2.50 required in |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | focus area courses and informatics electives. |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| # CPI 360: Decision Making and Problem Solving | 3 | | | Grade of C | See advisor for approved list of Informatics Electives |
| # STP 420: Introductory Applied Statistics (CS) OR # STP 231: Statistics for the Life Sciences (CS) OR | | | | | #Designates Core Course: A minimum |
| # GCU 495: Quantitative Methods in Geography (CS) OR | | _ | | | cumulative GPA of 2.50 required in core courses. |
| # IEE 380: Probability & Statistics for Engineering Problem Solving (CS) | 3 | | | Grade of C | ##Designates Focal Area & Informatics Elective: A minimum cumulative GPA of 2.50 required in |
| ## Informatics Elective | 3 | | | Grade of C | focus area courses and informatics electives. |
| ## Informatics Elective Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US | 3 | | | Grade of C | 4 |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| # CPI 350/394: Evaluation of Informatics Systems | 3 | ⊠ | | Grade of C | #Designates Core Course: A minimum |
| # CPI 350/394. Evaluation of informatics Systems | | | 1 | Grade of C | cumulative GPA of 2.50 required in core courses. |
| # CSE 463: Introduction to Human Computer Interaction | 3 | | | Grade of C | ##Designates Focal Area & Informatics Elective |
| • | 3 | | | Grade of C | ##Designates Focal Area & Informatics Elective: A minimum cumulative GPA of 2.50 required in |
| # CSE 463: Introduction to Human Computer Interaction ## Informatics Elective ## Informatics Elective | + | | | | |
| # CSE 463: Introduction to Human Computer Interaction ## Informatics Elective ## Informatics Elective Upper Division Humanities, Fine Arts & Design (HU) OR Social & | 3 | | | Grade of C | A minimum cumulative GPA of 2.50 required in |
| # CSE 463: Introduction to Human Computer Interaction ## Informatics Elective ## Informatics Elective Upper Division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) | 3 | | | Grade of C | A minimum cumulative GPA of 2.50 required in |
| # CSE 463: Introduction to Human Computer Interaction ## Informatics Elective ## Informatics Elective Upper Division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) TERM SEVEN: 91-105 CREDIT HOURS | 3 3 | | | Grade of C Grade of C | A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives. |
| # CSE 463: Introduction to Human Computer Interaction ## Informatics Elective ## Informatics Elective Upper Division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) TERM SEVEN: 91-105 CREDIT HOURS # CPI 485/494: Informatics Capstone I (L) | 3 3 3 | | | Grade of C Grade of C Grade of C | A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives. See advisor for approved list of Informatics Electives |
| # CSE 463: Introduction to Human Computer Interaction ## Informatics Elective ## Informatics Elective Upper Division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) TERM SEVEN: 91-105 CREDIT HOURS # CPI 485/494: Informatics Capstone I (L) ## Focus Area Required Course | 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C | A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives. See advisor for approved list of Informatics Electives #Designates Core Course: A minimum |
| # CSE 463: Introduction to Human Computer Interaction ## Informatics Elective ## Informatics Elective Upper Division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) TERM SEVEN: 91-105 CREDIT HOURS # CPI 485/494: Informatics Capstone I (L) | 3 3 3 | | | Grade of C Grade of C Grade of C | A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives. See advisor for approved list of Informatics Electives |



Major Map: Informatics – Bachelor of Science (B.S.)

Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|------|-------------|--------------|------------------|--|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ## CPI 486/494: Informatics Capstone I (L) | 4 | \boxtimes | | Grade of C | ##Designates Focal Area & Informatics Elective: |
| ## Focus Area Required Course | 3 | | | Grade of C | A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives. |
| ## Focus Area Required Course | 3 | \boxtimes | | Grade of C | Tools area courses and micromatics electives. |
| ## Upper Division Informatics Elective | 3 | \boxtimes | | Grade of C | |
| ## Upper Division Informatics Elective | 3 | \boxtimes | | Grade of C | |

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|---------------------------|-------------------------------|---------------------------------|---|--------------------------------------|
| | | | | | (50 mm) | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Materials Science and Engineering – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------------|---|------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | |
| ASU 101-FSE: The ASU Experience | 1 | | | | ASU 101-FSE should be completed first semester. | |
| CHM 114: General Chemistry for Engineers (SQ) OR | | | | | Minimum CUM ASU 2.0 GPA required An SAT, ACT, Accuplacer, or TOEFL score | |
| CHM 113/116 : General Chemistry I/General Chemistry II (SQ) | 4 | | | 0 1 10 | determines placement into first-year composition | |
| MAT 265: Calculus for Engineers I | 3 | | | Grade of C | courses | |
| # MSE 100: Introduction of Materials Engineering ENG 101 or 102: First-Year Composition OR | 2 | | | | ASU Math Placement Exam score determines placement in Mathematics course | |
| ENG 105: Advanced First-Year Composition** OR | | | | | **If ENG 105 a 3 hr applicable elective must also be | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | taken prior to graduation. See Advisor. | |
| | | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), | | | | | Maintain minimum ASU cumulative GPA of | |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | 2.0 | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| MAT 266: Calculus for Engineers II (MA) | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of | |
| # MSE 250: Structure and Properties of Materials | 3 | | | Grade of C | 2.0 # Designates Major Course: A minimum cumulative | |
| PHY 121/122: University Physics I/Laboratory I (SQ) | 3/1 | | | | GPA of 2.0 required in major courses | |
| ENG 101 or 102: First-Year Composition OR | | | | | - | |
| ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US | | | | Grade of C | - | |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | ı | 1 | | |
| MAT 267: Calculus for Engineers III (MA) | 3 | | | Grade of C | Complete 10 critical courses (includes labs) by end of term 3 | |
| PHY 131/132: University Physics II Electricity and | 3/1 | | | | Maintain minimum ASU cumulative GPA of | |
| Magnetism/Laboratory II (SQ) BME 111: Engineering Perspectives on Biological Systems | 3 | | | | 2.0 | |
| #MSE 215: Materials Synthesis | 3 | | | | Complete First-Year Composition requirement: | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), | | | | | # Designates Major Course: A minimum cumulative | |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | GPA of 2.0 required in major courses | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| MAT 275: Modern Differential Equations (MA) | 3 | | | | Minimum CUM ASU 2.0 GPA required | |
| MAT 343: Applied Linear Algebra | 3 | | | | MSE 250 must be completed with a minimum | |
| # MSE 211: Introduction to Mechanics of Materials | 3 | | | | grade of "C". # Designates Major Course: A minimum cumulative | |
| IEE 220: Business/Industrial Engineering | 3 | | | | GPA of 2.0 required in major courses | |
| | | | | | The advanced science elective includes most 200- | |
| # Advanced Science Elective | 3 | \boxtimes | | | level and above math/science courses. See Advisor for approved advanced science electives. | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | TI | |
| Math or Science Elective | 3 | | | | # Designates Major Course: A minimum cumulative | |
| # MSE 315: Mathematical and Computer Methods in Materials (CS) | 3 | | | | GPA of 2.0 required. | |
| # MSE 330: Thermodynamics of Materials | 3 | \boxtimes | | | | |
| # MSE 355: Materials Structure and Microstructure | 3 | ⊠ | | | | |
| # MSE 356: Materials Structure and Microstructure Laboratory | 1 | \boxtimes | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US | | | | | | |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | _ | | | # Designates Major Courses A minimum | |
| # MSE 335: Materials Kinetics and Processing | 3 | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required. | |
| # MSE 358: Introduction to Electronic, Magnetic, & Optical Properties | 3 | | | | | |
| # MSE 420: Physical Metallurgy | 3 | | | | 4 | |
| # MSE 421: Physical Metallurgy Laboratory | 1 | | | | 4 | |
| # MSE 450: Introduction to Materials Characterization | 3 | | | | 4 | |
| # MSE 451: Introduction to Materials Characterization Laboratory | 1 | \boxtimes | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | - | | | # Designates Major Courses A majority | |
| # MSE 440: Mechanical Properties of Solids | 3 | | | | # Designates Major Course: A minimum cumulative GPA of 2.0 required. | |
| # MSE 470: Polymers and Composites | 3 | | | | The advanced science elective includes most | |
| # MSE 471: Introduction to Ceramics | 3 | | | | 200-level and above math/science courses. See | |
| # MSE 482: Materials Engineering Design (L) | 3 | | | | Advisor for approved advanced science electives. | |
| # Advanced Science Elective | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| # MSE 490: Capstone Design Project (L) | 3 | \boxtimes | | | # Designates Major Course: A minimum cumulative | |
| # MSE Technical Elective | 3 | | | | GPA of 2.0 required. The technical electives include most 300 level | |
| | | | | 1 | The technical electives include most 300-level and above engineering/math/science courses | |
| # MSE Technical Elective | 3 | | | | and above engineering/math/science courses | |
| # MSE Technical Elective UD Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) | 3 | | | | and above engineering/math/science courses. See Advisor for approved technical electives. | |



Major Map: Materials Science and Engineering – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| | Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|---|-----------------------|------------------------------|-------------------------------------|------------------------------------|---|--------------------------------------|
| Ī | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

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Major Map: Mechanical Engineering – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------------|--------------------------|---------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| +ASU 101-FSE: The ASU Experience | 1 | | | | + ASU 101-FSE and MAE 100 required for |
| CHM 114: General Chemistry for Engineers (SQ) OR | | | | | freshmen and should be completed first semester. Non-freshmen see advisor for petitioning |
| CHM 115: General Chemistry with Qualitative Analysis (SQ) OR CHM 116: General Chemistry II* (SQ) | 4 | | | Grade of C | replacement electives. |
| +MAE 100: Intro to Mechanical and Aerospace Engineering (or | | | | Grade of C in | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first year. |
| Department Approved Elective) | 2 | | | MAE 100 | determines placement into first-year composition courses |
| MAT 265: Calculus for Engineers I (MA) ENG 101 or 102: First-Year Composition OR | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| ENG 105: Advanced First-Year Composition** OR | | | | | placement in Mathematics course *CHM 113 is a prerequisite and does not apply |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | towards degree credit |
| | | | | | **If ENG 105 a 3 hr applicable elective must also |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | | be taken prior to graduation. See Advisor. Maintain minimum ASU cumulative GPA of |
| (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | | 1 | | |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| PHY 121/122: University Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | 2.0 |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 3 | | | | |
| TERM THREE, 31-43 CREDIT HOURS | | | | | Complete 10 critical courses by end of term |
| MAE 212: Engineering Mechanics | 4 | | | Grade of C | 3 |
| MAT 275: Modern Differential Equations | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| PHY 131/132: University Physics II Electricity and Magnetism/ Laboratory II | 3/1 | | | Grade of C | Complete First-Year Composition |
| MAE 214: Computer-Aided Engineering I | 1 | | | Grade of C | requirement: ENG 101 & 102 or ENG 107 & |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | 108 or ENG 105 |
| TERM FOUR: 46-60 CREDIT HOURS | | | | Grade of C | |
| MAE 213: Solid Mechanics | 3 | | | Grade of C | |
| MAE 240: Thermofluids I | 4 | | | Grade of C | |
| EEE 202: Circuits I | 4 | | | Grade of C | |
| MAT 343: Applied Linear Algebra | 3 | \boxtimes | | Grade of C | |
| MSE 250: Structure and Properties of Materials | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| BME 111: Engineering Perspectives on Biological Systems (or dept approved BIO) | 3 | | | | |
| MAE 322: Structural Mechanics | 4 | | | Grade of C | |
| MAE 340 Thermofluids II | 3 | ⊠ | | Grade of C | |
| MAE 384: Numerical Methods for Engineers (CS) | 3 | \boxtimes | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 2 | 1 | | | |
| US (C), Global Awareness (G), or Historical Awareness (H) | 3 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS MAE 323: Computer-Aided Engineering II | 2 | \boxtimes | | Grade of C | At least one technical elective is required to be |
| MAE 318: Sensors and Controls | 5 | | | Grade of C | in the thermo-fluids area. See Advisor for |
| MAE 342: Principles of Mechanical Design | 3 | | | Grade of C | approved list. |
| Technical Elective | 3 | | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| | | | | | At least one technical elective is required to be |
| MAE 488: Mechanical Engineering Design I | 3 | \boxtimes | | Grade of C | in the thermo-fluids area. See Advisor for approved list. |
| MAE 491: Experimental Mechanical Engineering (L) | 3 | | | Grade of C | арргочен пы. |
| Technical Elective | 3 | | | Grade of C | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | 51444 01 0 | |
| (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | |
| UD Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| MAE 400: Engineering Profession (L) | 3 | \boxtimes | | Grade of C | See advisor for approved General Electives. |
| MAE 489: Mechanical Engineering Design II | 3 | ⊠ | | Grade of C | At least one technical elective is required to be in the thornes fluide area. See Advisor for |
| Technical Elective | 3 | | | Grade of C | in the thermo-fluids area. See Advisor for approved list. |
| Technical Elective | 3 | \boxtimes | | Grade of C | '' |
| General Elective | 3 | | · | | |



Major Map: Mechanical Engineering -Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Major GPA (2.000 Min. CUM GPA) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 Max) |
|---|---------------------------|---|------------------------------------|-----------------------|--------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0

 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

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Major Map: Mechanical Engineering (Computational and Mathematical Mechanics) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | □ MAPP □ | nster Pathway: FAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|---------------------------------------|----------------------------------|--|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | + ASU 101-FSE and MAE 100 required for |
| +ASU 101-FSE: The ASU Experience | 1 | | | | freshmen and should be completed first semester. |
| CHM 114: General Chemistry for Engineers (SQ) OR | | | | | Non-freshmen see advisor for petitioning replacement electives. |
| CHM 115: General Chemistry with Qualitative Analysis (SQ) OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| CHM 116: General Chemistry II* (SQ) | 4 | | | Grade of C | determines placement into first-year composition |
| AND THE TAX AND TH | | | | G 1 (G) | courses ASU Math Placement Exam score determines |
| +MAE 100: Introduction to Mechanical and Aerospace Engineering (or Department Approved Elective) | 2 | | | Grade of C in MAE 100 | placement in Mathematics course |
| Department Approved Elective) | | | | WIAT 100 | *CHM 113 is a prerequisite and does not apply |
| MUTACE CLARA E. L. MANN | 2 | | | 0 1 60 | towards degree credit **If ENG 105 a 3 hr applicable elective must also |
| MAT 265: Calculus for Engineers I (MA) ENG 101 or 102: First-Year Composition OR | 3 | | | Grade of C | be taken prior to graduation. See Advisor. |
| ENG 105: Advanced First-Year Composition** OR | | | | | Maintain minimum ASU cumulative GPA of |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | | ı | | | |
| CSE 100: Principles of Programming with C++(CS) OR CSE 110: Principles of Programming with Java (CS) | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | 2.0 |
| PHY 121/122: University Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition** OR | , | | | Grada of C | |
| ENG 107 or 108: English for Foreign Students Social & Behavioral Science (SB) AND Cultural Diversity in the US | 3 | | | Grade of C | |
| (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| MAE 212: Engineering Mechanics | 4 | | | Grade of C | Complete 10 critical courses by end of term 3 |
| MAT 275: Modern Differential Equations | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| PHY 131/132: University Physics II Electricity and Magnetism/ | | | | | Complete First-Year Composition requirement: |
| Laboratory II (SQ) | 3/1 | | | Grade of C | ENG 101 & 102 or ENG 107 & 108 or ENG 105 |
| MAE 214: Computer-Aided Engineering I | 1 | | | Grade of C | |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| MAE 213: Solid Mechanics | 3 | | | Grade of C | |
| MAE 240: Thermofluids I | 4 | | | Grade of C | |
| PHI 103: Principles of Sound Reasoning (HU) | 3 | | | | |
| MAT 343: Applied Linear Algebra | 3 | | | Grade of C | |
| MSE 250: Structure and Properties of Materials | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | ı | |
| MAE 340: Thermofluids II | 3 | | | Grade of C | |
| EEE 202: Circuits I | 4 | | | Grade of C | |
| MAE 322: Structural Mechanics | 4 | ⊠ | | Grade of C | |
| MAE 384: Numerical Methods for Engineers (CS) | 3 | \boxtimes | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS BME 111: Engineering Perspectives on Biological Systems (or dept | | | | | |
| approved BIO) | 3 | | | | |
| MAE 318: Sensors and Controls | 5 | \boxtimes | · · · · · · · · · · · · · · · · · · · | Grade of C | |
| MAE 323 Computer-Aided Engineering II | 2 | \boxtimes | | Grade of C | |
| MAE 342: Principles of Mechanical Design | 3 | \boxtimes | | Grade of C | |
| Technical Elective | 3 | × | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| MAE 491: Experimental Mechanical Engineering (L) | 3 | \boxtimes | | Grade of C | |
| MAE 488: Mechanical Engineering Design I | 3 | ⊠ | | Grade of C | |
| Technical Elective | 3 | ⊠ | | Grade of C | |
| Technical Elective | 3 | ⊠ | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | _ | | | | |
| US (C), Global Awareness, (G), or Historical Awareness (H) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | - | <u> </u> | | 0 1 60 | |
| MAE 400: Engineering Profession (L) | 3 | | | Grade of C | |
| MAE 489: Mechanical Engineering Design II | 3 | | | Grade of C | |
| MAE 471 Computational Fluid Dynamics Social & Behavioral Science (SB) AND Cultural Diversity in the US | 3 | ⊠ | | Grade of C | |
| (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | |
| UD Humanities, Fine Arts & Design (HU) OR Social & Behavioral | | | | | |
| Science (SB) | 3 | \boxtimes | | 1 | |



Major Map: Mechanical Engineering (Computational and Mathematical Mechanics) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|---------------------------|-------------------------------------|------------------------------------|---|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Mechanical Engineering (Energy and Environment) – Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|--------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| +ASU 101-FSE: The ASU Experience | 1 | | | | + ASU 101-FSE and MAE 100 required for |
| CHM 114: General Chemistry for Engineers(SQ) OR | | | | | freshmen and should be completed first semester. Non-freshmen see advisor for petitioning |
| CHM 115: General Chemistry with Qualitative Analysis (SQ) OR CHM 116: General Chemistry II* (SQ) | 4 | | | Grade of C | replacement electives. |
| +MAE 100: Introduction to Mechanical and Aerospace Engineering (or | · · | | | Grade of C in | An SAT, ACT, Accuplacer, or TOEFL score |
| Department Approved Elective) | 2 | | | MAE 100 | determines placement into first-year composition courses |
| MAT 265: Calculus for Engineers I | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| ENGAGE AGE TO AV. C. III. OD | | | | | placement in Mathematics course |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | *CHM 113 is a prerequisite and does not apply towards degree credit |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | **If ENG 105 a 3 hr applicable elective must also |
| | | | | | be taken prior to graduation. See Advisor. |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US | | | | | Maintain minimum ASU cumulative GPA of 2.0 |
| (C), or Historical Awareness (H) | 3 | | | | 2.0 |
| TERM TWO: 16-30 CREDIT HOURS | 1 | | ı | | |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA of 2.0 |
| PHY 121/122: University Physics I/ Laboratory I (SQ) | 3/1 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | <u></u> | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | _ | | | |] |
| US (C), or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | Complete 10 critical courses by end of term |
| MAE 212: Engineering Mechanics | 4 | | | Grade of C | Complete 10 critical courses by end of term |
| MAT 275: Modern Differential Equations (MA) PHY 131/132: University Physics II Electricity and Magnetism/ | 3 | | | Grade of C | Maintain minimum ASU cumulative GPA |
| Laboratory (SQ) | 3/1 | | | Grade of C | of 2.0 |
| MAE 214: Computer-Aided Engineering I | 1 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 or ENG 107 & |
| | | | | | 108 or ENG 105 |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | |
| TERM FOUR: 46-60 CREDIT HOURS | | _ | ı | | |
| MAE 213: Solid Mechanics | 3 | | | Grade of C | - |
| MAE 240: Thermofluids I | 4 | | | Grade of C | - |
| CHM 231: Elementary Organic Chemistry | 3 | | | Grade of C | 1 |
| MAT 343: Applied Linear Algebra | 3 | | | Grade of C | 1 |
| MSE 250: Structure and Properties of Materials | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | ı | | I |
| MAE 340: Thermofluids II | 3 | | | Grade of C | 4 |
| EEE 202: Circuits I | 4 | | | Grade of C | 4 |
| MAE 322: Structural Mechanics | 4 | | | Grade of C | 4 |
| MAE 323: Computer-Aided Engineering II | 2 | | | Grade of C | 4 |
| MAE 384: Numerical Methods for Engineers (CS) | 3 | | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS BIO 319 Environmental Science (G) or BIO 310: Fundamentals of | | | | | |
| Ecology (3) or BIO 181 or BIO 182: General Biology I or II (4), or | | | | | |
| BME 111: Engineering Perspectives on Biological Systems (3) | 3-4 | ⊠ | | | 1 |
| MAE 318: Sensors and Controls | 5 | | | Grade of C | 1 |
| MAE 342: Principles of Mechanical Design | 3 | | | Grade of C | - |
| Technical Elective | 3 | | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| MAE 382: Thermodynamics | 3 | | | Grade of C | - |
| MAE 491: Experimental Mechanical Engineering (L) | 3 | | | Grade of C | - |
| Technical Elective | 3 | | | Grade of C | - |
| Technical Elective | 3 | | | Grade of C | 4 |
| GCU 364: Energy in the Global Arena (SB,G) or PUP 190: Sustainable Cities (HU, G or SB,G) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | <u> </u> | |
| MAE 400: Engineering Profession (L) | 3 | \boxtimes | | Grade of C | |
| MAE 440: Energy Systems Design | 3 | | | Grade of C | 1 |
| Technical Elective | 3 | | | Grade of C | 1 |
| GPH 314: Global Change (HU,G) or | | T - | | | 1 |
| PHI 310: Environmental Ethics (HU) | 3 | \boxtimes | | | _ |
| Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) (6 hrs min in both SB & HU required) | 3 | | | | |
| (3D) (0 ms min in both 3D & no required) |) | | l | | 1 |



Major Map: Mechanical Engineering (Energy and Environment) -Bachelor of Science in Engineering (B.S.E.) Ira A. Fulton Schools of Engineering | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours Regular Curriculum (120) | Total UD Hrs (45 min) | Total Hrs at ASU (30 min) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum GPA) | Hrs Resident Credit for Academic Recognition (56 min) | Total Comm. College Hrs. (64 Max) |
|---|-----------------------|------------------------------|-------------------------------------|------------------------------------|---|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:



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 a total of 36 credit hours of honors course work):

- 1. HON 171 and HON 272/273/274 The Human Event must be completed in sequence during a student's first two semesters in the college.
- Thirty additional credit hours of honors course work must be earned with a letter grade of "C" (2.00) or higher. This may include HON prefix classes, honors sections of classes, honors contracts or any automatic honors course such as ENG 105 (in-person sections), CHM 117, CHM 118, PHY 333, or any graduate-level course.
- 3. Included in the 36 credit hours of honors course work are 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 course work outside the academic major. Students should investigate specialized honors upper-division tracks within their majors.
- 4. Students admitted as upper-division transfer students (defined as 48 post-high school university credits completed by the time of planned enrollment in Barrett) must complete a three-credit, 300-level upper-division HON special topics course in addition to the 18 required hours of upper-division honors course work. Six of the 21 honors credits must be outside the academic major. A total of 21 hours of upper-division honors course work are required for these transfers because transfers do not have time to complete all 36 honors hours.
- 5. Students are required to complete an honors thesis/creative project for at least three credit hours though students are encouraged to complete six thesis credit hours. The thesis credit hours may be included in the 18 required hours of upper-division honors course work. The honors thesis is launched with a prospectus form due one academic year before the defense. The final honors thesis copy 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. The student must maintain a cumulative ASU GPA of 3.25 or higher.

Barrett course requirements may be met in a variety of ways. There are two specific required courses for first-year students. 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 must take 18 lower-division honors credits, which include HON 171 and 272/273/274 The Human Event. This cross-disciplinary seminar acquaints them with ideas that form the foundation of a university education and emphasizes critical thinking, discussion and writing.

Those who enter as upper-division students must take 21 upper-division honors credits, including a required 300-level honors course. Junior-level seminar courses introduce them to critical thinking, discussion and writing in a



topical area chosen by the instructor. It is expected that all students complete this course no later than the first or second semester after transferring.

Departmental honors-only courses are limited to honors students and others who receive special permission from the instructor to enroll. Enrollment in these courses is limited. Compared to their non-honors 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 contracts are available in many departmental courses allowing honors students to contract with the instructor of designated non-honors courses to earn honors credit by pursuing enrichment activities, which may include supplemental sessions with the instructor. Honors contracts must be filed during the first four weeks of class and completed during the semester in which the course is offered. Each contract form offers guidelines to aid students and faculty in developing appropriate contracts.

Course numbers listed in the online ASU schedule of classes as 298/492 Honors Directed Study, 493 Honors Thesis, 497 Honors Colloquium and all classes with the HON prefix are reserved for students in Barrett and always count for honors credit. Students may receive credit for more than one of each of these courses in a given department.

Departmental courses with the number 493 are reserved for honors students completing their honors theses and creative projects. 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 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.

There are certain courses that carry automatic honors credit. These include ENG 105 (any in-person section), CHM 117, CHM 118, and PHY 333. Graduate level courses automatically earn honors credit.



Major Map: Journalism and Mass Communication - Bachelor of Arts (B.A.) Walter Cronkite School of Journalism and Mass Communication | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | | | |
|---|-----|-------------------|--------------------------|---------------------------------|--|--|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | | | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | | | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. | | | |
| ENG 101 and 102: First-Year Composition OR | | | | | Not required of transfer students | | | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | | | |
| MAT 142: College Mathematics (MA) or higher | 3 | | | | composition courses | | | |
| Second language | 4 | | | Grade of C | ASU Math Placement Exam score determines | | | |
| JMC 101: Grammar for Journalists | 1 | | | Grade of Y | placement in mathematics course Minimum 2.50 ASU cumulative GPA | | | |
| JMC 110: Principles and History of Journalism (SB) (includes English grammar exam) | 3 | | | Grade of C | - Minimum 2.30 ASO cumulative of A | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | | | |
| ENG 101 and 102: First-Year Composition OR | | | | | Minimum 2.50 ASU cumulative GPA | | | |
| ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | | | | |
| ENG 105: Advanced First-Year Composition Statistics (CS) | 3 | | | | - | | | |
| Second language | 4 | | | Grade of C | 1 | | | |
| JMC 201: News Reporting and Writing (L) | 3 | | | Grade of C | | | | |
| HST 109: United States to 1865 [(HU or SB] & H) OR | 3 | | | | | | | |
| HST 110: United States Since 1865 (SB & H) TERM THREE: 31-45 CREDIT HOURS | | | | | | | | |
| Complete at least one of the following: | | | | | Minimum 2.50 ASU cumulative GPA | | | |
| JMC 366: Journalism Ethics and Diversity OR | 3 | \boxtimes | | Grade of C | | | | |
| JMC 301: Intermediate Reporting and Writing (L) OR JMS 315: Intermediate Reporting and Writing (L) | | _ | | | | | | |
| JMC 305: Online Media | 3 | | | Grade of C | 1 | | | |
| Natural Sciences-Quantitative (SQ) | 4 | | | | | | | |
| Second language | 3 | | | Grade of C | - | | | |
| SOC 101: Introductory Sociology (SB) TERM FOUR: 46-60 CREDIT HOURS | 3 | | | | | | | |
| Complete at least one of the following: | | | | | Minimum 2.50 ASU cumulative GPA | | | |
| JMC 366: Journalism Ethics and Diversity OR | 3 | \boxtimes | | Grade of C | Must complete JMC 366 and 301 or JMC 315 | | | |
| JMC 301: Intermediate Reporting and Writing (L) OR JMS 315: Intermediate Reporting and Writing (L) | | _ | | | (depending on track) by end of term 4 with grade of "C" or better | | | |
| POS 110: Government and Politics (SB) OR | 2 | | | | grade of C of better | | | |
| POS 310: American National Government (SB) | 3 | | | | | | | |
| Second language (G) | 3 | | | Grade of C | - | | | |
| English literature (HU) HST elective: | 3 | | | | 1 | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | | | |
| JMC 313: Introduction to Editing OR | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | | | |
| JMC 345: Videography Advanced Skills Course | 3 | | | Grade of C | Advanced Skills Course should be selected in consultation with academic advisor. | | | |
| JMC 484: Internship | 3 | Ø | | Grade of C | | | | |
| PHI 101: Introduction to Philosophy (HU) OR | | | | | | | | |
| PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Introduction to Ethics (HU) OR | | | | | | | | |
| PHI 305: Ethical Theory (HU) OR | 3 | | | | | | | |
| PHI 306: Applied Ethics (HU) OR | | | | | | | | |
| PHI 309: Social and Political Philosophy (HU) | 4 | | | | - | | | |
| Natural Sciences-Quantitative (SQ) or Natural Sciences-General (SG) TERM SIX: 76-90 CREDIT HOURS | -4 | | | | | | | |
| JMC 402: Mass Communication Law | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | | | |
| ECN 211: Macroeconomic Principles (SB) OR | 3 | | | | Advanced Skills Course should be selected in | | | |
| ECN 212: Microeconomic Principles (SB) Advanced Skills Course | 3 | | | Grade of C | consultation with academic advisor. | | | |
| Related area | 3 | | | Grade of C | 1 | | | |
| Elective | 2 | | | 0.000 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | | | |
| Advanced Skills Course | 3 | ⊠ | | Grade of C | Minimum 2.50 ASU cumulative GPA Advanced Skills Course should be selected in | | | |
| PGS 101: Introduction to Psychology (SB) | 3 | | | | Advanced Skills Course should be selected in consultation with academic advisor. | | | |
| Upper-division related area | 3 | ⊠ | | Grade of C | | | | |
| Upper-division related area | 3 | ⊠ | | Grade of C |] | | | |
| Awareness area-Cultural Diversity (C) or elective if completed | 3 | | | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | | | |
| JMC 473: The Business and Future of Journalism | 3 | ⊠ | | Grade of C | Minimum 2.50 ASU cumulative GPA | | | |
| JMC/MCO upper-division elective | 3 | ⊠ | | Grade of C | _ | | | |
| Upper-division related area | 3 | ⊠ | | Grade of C | _ | | | |
| Upper-division elective | 3 | ⊠ | | | | | | |



Major Map: Journalism and Mass Communication

- Bachelor of Arts (B.A.)

Walter Cronkite School of Journalism and Mass Communication | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA (2.50 minimum required for major) | Total Hrs at ASU | Resident Credit for Academic | Total Community College |
|---------------|----------------|--|------------------|------------------------------|-------------------------|
| (120 minimum) | (minimum 45) | | (minimum 30) | Recognition (minimum 56) | Hrs (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Sciences-Quantitative (SQ)
 - Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Students other than first-time freshmen may take the English Grammar Exam one time to attempt to test out of JMC 101 Grammar for Journalists.

Majors must maintain at least a 2.50 ASU cumulative GPA and a 2.50 JMC cumulative GPA to take JMC courses beyond JMC 201.

Students must complete at least 12 hours of upper-division coursework outside the major.

Students must complete a minimum of 56 hours of ASU coursework to qualify for ASU honors at graduation.



BAS- Applied Science (Technical Communication)

Bachelor of Applied Science Degree

| 2010-2011 Curriculum Check Sheet | J. 7. p | pcu | Science De | . | School of Letters and S | Sciences |
|--|------------|---------------------|---------------|----------------|----------------------------|----------|
| 2010 2011 Gambalam Griedk Griedk | | | | | - Control of Editors and C | |
| Student Name | | | | ID Num | ber | |
| | | | | | | |
| A.A.S. Degree | | A.S. Degree Granted | | | | |
| A.A.S. Degree Granting Institution | | | | | alog Year <u>2010-2</u> | |
| B.A.S. Academic Department | | | | | | |
| Number of Upper Division Transfer Credits | | | | Expected | d Graduation Date | |
| Institution of Transfer Course Work (Upper D | Division O | nly) | | | | |
| General Studies Sequence (19 Hours) | | | | | | |
| deneral Studies Sequence (15 Hours) | ASU | Transfer | Transfer From | Grade | | |
| Numeracy - ASC 315 | 3 | | | | | |
| Science - ASC 325 | 4 | | | | BAS Degree | Credit |
| Literacy [L] | 3 | | | | Summary | Hours |
| Humanities [HU] and [H] [C] | 3 | | | | Degree Block Transfer | 60 |
| Social Science [SB] | 3 | | | | General Studies | |
| General Studies [HU or SB] and [G] | 3 | | | | B.A.S. Area Core | |
| Sub Total | 19 | Hrs. | | - | Technical Writing | |
| | | = | | | Assignable Credits | |
| B.A.S. Area Core (15 Hours) | | | | | Total (120 Hours Minimur | n) |
| | ASU | Transfer | Transfer From | Grade | | |
| TWC 301 General Principles of Multimedia Writing | 3 | | | | | |
| TWC 401 Principles of Technical Communication | 3 | | | | | |
| TWC 347 Written Communication for Managers | 3 | | | | Advisor Comments | |
| STP 420 Introductory Applied Statistics | 3 | | | | | |
| TWC 421 Principles of Writing with Technology | 3 | | | | | |
| Sub Total | 15 | Hrs. | | | | |
| | | _ | | | | |
| Technical Writing and Communication | - | - | | 0 1 | | |
| | ASU | Transfer | Transfer From | Grade | | |
| FWC 411 Principles of Visual Communication | 3 | | | | | |
| TWC 431 Principles of Technical Editing | 3 | | | | | |
| FWC 44X Genre Course | 3 | | | | | |
| TWC 45X Information Series Course | 3 | | | igwdapprox | | |
| FWC 499 Individual Instruction | 2 | | | \blacksquare | | |
| TWC 3/4XX Elective | 3 | | | | | |
| TWC 3/4XX Elective | 3 | I I | | | | |
| Sub Total | 20 | Hrs. | | | | |
| Assignable Credits (6 Hours) | ASU | Transfer | Transfer From | Grade | | |
| | 3 | | | | | |
| | 3 | | | | Total Upper Division Ho | urs |
| Sub Total | 6 | Hrs. | | | | |
| | | - | | | Total ASU Resident Hou | rs |
| | | | | | | |
| Student Signature | | ate | | Dean | Signature | Date |
| Stadont Signatare | טכ | | | Douil | | Date |

University Signature

Date

Date

Advisor/Chair Signature



Major Map: General Studies -Bachelor of General Studies (B.G.S.)

| Dachelol of Gell | erai Studies | (D.G.S. <i>)</i> |
|-------------------------|--------------------|------------------|
| School of Letters and S | Sciences Catalog | Year: 2010-2011 |

Total UD Res

| I. First- | Year Composit | tion (3-6 | hours) | Hours | Hours | Hours | Grade | III. BGS Clusters (36 hours) | Hours | Hours | Hours | Grade |
|------------------------------|--|---------------|---|-----------------------------|----------|------------|--|------------------------------|-------|--------------|--|-------|
| ENG 101: | First-Year Compos | sition (3) ar | nd | | | | | Cluster #1 | | | | |
| ENG 102: | First-Year Compos | sition (3) or | r, if eligible | | | | | | | | | |
| ENG 105: | Advanced First-Ye | ear Compos | sition (3) | | | | | | | | | |
| | | | | | | | | | | | | |
| | " . | 04 !! | /0 <i>5 </i> | | | | | | | | | |
| | ersity General | | | | | | | Cluster #2 | | | | |
| | es, Fine Arts, and equired: 15 hours con | | | | | | | | | | | |
| | st be upper division. | nbineu, o no | uis iii one alea | 2, 3 1115 111 | uie ouie | SI AND | JII C | | | | | |
| HU: | | | | | | | | | | | | |
| HU: | | | | | | | | | | | | |
| SB: | | | | | | | | Cluster #3 | | | | |
| SB: | | | | | | | | | | | | |
| HU or SE | B: | | | | | | | | | | | |
| Natural | Sciences (8 hours | s) | | | | | | | | | | |
| SQ: | | | | | | | | | | | | |
| SQ/SG: | | | | | | | | Cluster #4 | | | | • |
| | atics & Statistics/ | | | | rs) | | | | | | | |
| | T 142: College Ma | thematics (| (MA) or highe | er | | | | | | | | |
| CS: | | | | | | | | | | | | |
| Literacy | & Critical Inquiry | (6 hours) | | | | | | | | | | |
| <u>L:</u> | | | | | | | | | | | | |
| Upper-di | | | | | | | <u> </u> | IV. Electives | | | | |
| | ness Areas (2 cours | | | | , | | | IV. Electives | | T | | |
| | counting is permissibli ion requirements, and | | | | courses | tnat tuli | 111 | | | | | |
| | vareness (G): | | | | | | | | | | | |
| Historical | Awareness (H): | | | | | | | | | | | |
| Cultural D | Diversity (C): | | | | | | | | | | | |
| | | | | | 1 | | <u>. </u> | | | | | |
| II. Maioi | r requirements | ; | | | | | | | + | + | | |
| | The ASU Experien | | en only) | 1 | | | | | | | | |
| | 50 Major and Care | | | | | | | | + | + | | |
| | : Society and the In | - | | 3 | 3 | | | - | +- | \vdash | - | |
| | · | | | | | 1 | | - | +- | \vdash | - | |
| _ | | | | | | | | | | | | |
| Graduat | ion Requireme | ents | | | | | | | | | | |
| Total Hours Required (120 | | | Max. 2-yr Transfer Hours allowed (64 | Minimum GF required (2.0 | | Resident H | ours for gnition (56 | | | | | |
| hrs min) | | | nrs max) | min) | hrs mi | | gridon (JU | | | \vdash | \vdash | - |
| | | T | | | | | _ | | | | | |
| | | | | | | | | | | | | |

Total UD Res

Please Note:

- A grade of C or better is required in all major courses • Majors must maintain at least a 2.00 ASU cumulative
- GPA and 2.00 major GPA • Twenty-one hours in the major must be upper division
- Cluster classes in the major cannot be used for minor classes or other clusters
- Consult the ASU catalog for more information about General Studies requirements
- Elective hours needed may change and are dependent on how other requirements are satisfied
- Evaluation of transfer courses for cluster requirements should be directed to the appropriate departmental
- · Questions regarding cluster requirements, course prerequisites and class registration should be directed to an advisor in the department or college offering the cluster.
- See ASU catalog for information about repeating courses
- This assessment is supplemental to your DARS report. To obtain a copy of your DARS report, go to: http://www.asu.edu/interactive

Cluster Choices: Department will be adding clusters for 2010. Students will choose four [4] clusters and at least three [3] classes within each one. Language and Culture; Values and Society; Healthcare; Society and Mass Media; Special Events Management; Nonprofit Management; Meeting Planning; The Urban Experience; Leadership; U.S. Social Welfare System and Social Services; Criminology and Criminal Justice; Law and Criminal Justice; Science and Society. See http://sls.asu.edu/gs/clusters.html.



Major Map: History and Culture – Bachelor of Arts (B.A.) School of Letters and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None | | | |
|--|-------|-------------------|---|------------------------------|--|--|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | | | |
| TERM ONE: 0-16 CREDIT HOURS | 1113. | Division | Course/Grade | Required | Additional Critical Requirement Notes | | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only | | | |
| ENG 101 and 102: First-Year Composition OR | 1 | | | | Not required of transfer students | | | |
| ENG 107 and 108: English for Foreign Students OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | determines placement into first-year composition courses | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | ASU Math Placement Exam score determines | | | |
| MA (MAT 142 or higher) | 3 | | | | placement in Mathematics course | | | |
| Elective | 3 | | | | | | | |
| Elective | 3 | | | | | | | |
| TERM TWO: 17-32 CREDIT HOURS | | | | | | | | |
| ENG 101 or 102: First-Year Composition | | | | | Minimum C grade in first-year composition | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | ourses Math (MA) requirement must be completed by | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | the end of the second semester | | | |
| Humanities, Fine Arts & Design (HU) | | | | | the end of the second semester | | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | - | | | |
| Natural Science – Quantitative (SQ) | 4 | | | | - | | | |
| Elective | 3 | | | | | | | |
| TERM THREE: 33-47 CREDIT HOURS | | | | ı | First | | | |
| Track specific focus area course (see list below) | 3 | | | Grade of C | First-year composition requirement completed with a minimum "C" grade. | | | |
| Track specific focus area course (see list below) | 3 | | | Grade of C | Academic Review: Students should choose a | | | |
| Literacy & Critical Inquiry (L) | 3 | | | | track within the degree | | | |
| Natural Science - Quantitative (SQ) or General (G) | 4 | | | | | | | |
| Elective | 2 | | | | | | | |
| TERM FOUR: 48-62 CREDIT HOURS | | | | | | | | |
| Track specific focus area course (see list below) | 3 | | | Grade of C | A minimum of 6 hours of Upper Division | | | |
| Track specific elective area course (see list below) | 3 | | | Grade of C | Coursework must be completed in this semester | | | |
| HTY 300: Historical Inquiry (SB, H) | 3 | ⊠ | | Grade of C |] | | | |
| Elective | 3 | | | | | | | |
| Elective | 3 | | | | 1 | | | |
| TERM FIVE: 63-76 CREDIT HOURS | | | | | | | | |
| HST 343: American Southwest (SB, H) | 3 | \boxtimes | | Grade of C | A minimum of 9 hours of Upper Division | | | |
| HST 344: Arizona (SB, H) | 3 | ⊠ | | Grade of C | coursework must be completed in this semester. | | | |
| Elective | 3 | | | Grade of C | 1 | | | |
| Elective | 2 | | | | 1 | | | |
| Elective | 3 | | | | 1 | | | |
| TERM SIX: 77-91 CREDIT HOURS | 3 | | | | | | | |
| Track specific focus area course (see list below) | 3 | | | Grade of C | A minimum of 9 hours of Upper Division | | | |
| Track specific elective area course (see list below) | 3 | | | Grade of C | coursework must be completed in this semester | | | |
| Elective | 3 | | | Grade or C | | | | |
| Elective | 3 | | | | | | | |
| Elective | 3 | | | | | | | |
| TERM SEVEN: 92-106 CREDIT HOURS | | | | | | | | |
| Track specific elective area course (see list below) | 3 | | | Grade of C | A minimum of 9 hours of Upper Division | | | |
| Cultural Diversity in the US (C), or if completed, Elective | 3 | | | | coursework must be completed in this semester | | | |
| Upper Division Elective | 3 | | | | C (cultural awareness) requirement may be satisfied by track-specific course or other | | | |
| Upper Division Elective | 3 | | | | elective | | | |
| lective | | | | | | | | |
| TERM EIGHT: 107-120 CREDIT HOURS | | | | | | | | |
| HTY498: Pro-Seminar | 3 | ⋈ | | Grade of C | A minimum of 9 hours of Upper Division | | | |
| Global Awareness (G) or if completed, Elective | 3 | | | | coursework must be completed in this semester G (global awareness) requirement may be | | | |
| Elective | 3 | | | | satisfied by track-specific course or other | | | |
| Elective | 3 | | | | elective | | | |
| Elective | 2 | | | | 1 | | | |
| DICCHYC | | | l | 1 | | | | |



Major Map: History and Culture - Bachelor of Arts (B.A.)

School of Letters and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| I | Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| | (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| ſ | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)

- o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

The B.A. in History and Culture has three tracks: The following are the focus area & specific elective courses for each track:

| Track 1: Environmental History and Culture | Track 1: Environmental History and Culture |
|--|---|
| Focus Area Courses | Track Specific Elective Courses |
| HST 319 U.S. Urban History | Any courses with an ABS, AGB, BIO, HST, or HTY prefix |
| HTY 320History of American Agriculture | |
| HTY 326 History of Landscaping | |
| HTY 350/394 Environmental History | |
| HTY 374Western Rivers | |
| HTY 440The Pre-Modern City | |
| HTY 450History of Ecology and Conservation | |
| PHI 327 Environmental Philosophy | |

| Track 2: History and Culture of The American Southwest | Track 2: History and Culture of the American Southwest |
|---|---|
| Focus Area Courses | Track Specific Elective Courses |
| HST 293 Historical Themes in Latin America | Any courses with an AIS, CCS, HST, or HTY prefix. Students may also |
| HST 305 Studies in Latin American History | take courses with an SPA or SPN prefix. Students are strongly |
| HST 329 Women in 20 th Century U.S. West | encouraged to complete SPA 101 and SPA 102. |
| HST 330 Mexican Women in the U.S. Conquests and Migration | |
| HST 331 Mexican-American History to 1900 | |
| HST 332 Mexican-American History since 1900 | |
| HST 337 American Indian History to 1900 | |
| HST 338 American Indian History since 1900 | |
| HST 341 U.S. West, 19 th Century | |
| HST 342 U.S. West, 20 th Century | |
| HST 417 Topics in Mexican American History | |

| Track 3: History for Secondary Teachers | Track 36: History for Secondary Teachers |
|--|--|
| Focus Area Courses | Track Specific Elective Courses |
| HST 101 Global History | In consultation with an advisor, students may use courses with the |
| HST 102 Western Civilization | following prefixes: ASB, ECN, GCU, GPH, HST, HTY, PGV, POL, |
| HST 103 Western Civilization | REL, SOC, WSH, or WST. |
| HST 104 Western Civilization | |
| HST 109 United States to 1865 | |
| HST 110 United States since 1865 | |
| HST 210 American Social History | |
| HST 313 American Cultural History to 1865 | |
| HST 314 American Cultural History since 1865 | |
| HST 325 Immigration and Ethnicity | |
| HST 337 American Indian History to 1900 | |
| HST 338 American Indian History since 1900 | |
| HST 341 U.S. West, 19 th Century | |
| HST 342 U.S. West, 20 th Century | |
| REL 100 Religions of the World | |
| | |



¹ Grades of "C" or better are required for all courses within these categories. ² There is no specific elective or minor requirement for the BIS degree. Students needing more than 15 hours of electives to meet the 120 hour requirement are encouraged to pursue a minor in addition to their BIS concentration. Students are encouraged to use these electives to fulfill prerequisite course requirements or gain knowledge and skills in preparation for required upper-division required courses.

Bachelor of Interdisciplinary Studies

Catalog: 2010-2011

Total UD Res

| I. First-Y | ear Compo | osition (3-6 | hours)¹ | Total Hours | UD Hours | Res Hours | Grade | III. BI | S Core (12 hours)¹ | Total Hours | UD Hours | Res Hours | Grade |
|-------------------------|----------------------------------|--------------------------------|------------------------------------|-----------------------|-------------|--------------|--|-------------|--|----------------|-------------|--------------|-------|
| | First-Year Cor | | | | | | | BIS 30 | 11: Foundations of Interdisciplinary Studies (L) | 3 | 3 | 3 | |
| | First-Year Cor | . , | | | | | | | 2: Interdisciplinary Inquiry | 3 | 3 | 3 | |
| | | . , | composition (3) | | | | | | 11: Applied Interdisciplinary Studies | 3 | 3 | 3 | |
| | | | (o) | | | ı | | | 2: Senior Seminar (L) | 3 | 3 | 3 | |
| | | | | | | | | | | | | | |
| II. Unive | rsity Gener | ral Studies | (29-38 hou | rs) | | | | IV i | Concentration I (18-30 hours)¹ | | | | |
| hours) Red | quired: 15 hours | s combined; 6 h | Social and Bound Bours in one area | | | | | | ooncontration (10 00 nours) | <u> </u> | | | |
| HU: | t be upper divisi | UII. | | | | | | | | + | | | |
| HU: | | | | | | | | - | | | | | |
| SB: | | | | | | | | | | | | | |
| SB: | | | | | | | _ | | | | | | |
| HU or SB | : | | | | | | | | | | | | |
| Natural S | Sciences (8 h | ours) | | | | 1 | | | | | | | |
| SQ: | • | | | | | | | | | | | | |
| SG: | | | | | | | | | | | | | |
| Literacy | and Critical I | nquiry (6 hoι | ırs) | | • | | | | | | | | |
| L: BIS | 301: Foundat | ions of Interdi | sciplinary | S | atisfied | by ma | jor | | | | | | |
| Studies | | | | | | | | <i>V.</i> C | oncentration II (18-30 hours) ¹ | | | | |
| | 402: Senior S | | | | | by ma | jor | | | | | <u> </u> | |
| Mathema | tics & Statist | ics/Compute | er Applications | (6 hou | rs) | | | | | +- | | | |
| MA: | | | | | | | | | | + | | <u> </u> | |
| CS: | | | | | | | | | | +- | | <u> </u> | |
| | | | um and must fulfil | | | 0 | ru. | | | +- | | <u> </u> | |
| | | | Awareness Area Awareness Area | | courses | tnat full | TIII | | | + | | | |
| | areness (G): | , 4.14 1114 | 71110101100071100 | 1 | | | | - | | + | | | |
| | Awareness (H): | | | | | | | - | | +- | | | |
| | versity (C): | | | | | | _ | | | + | | | |
| | | | | | 1 | ı | 1 | | | | | | |
| | | | | | | | | VI FI | lectives (4-40 or more hours) ² | | | | |
| | | | | | | | | | The second secon | T | | | |
| Total Hours Required | Upper Division Hours Required | ASU Resident Hours Required | | Minimum Gl equired | | Resident H | | | | + | | | |
| Required | nouis Required | | | • | Acau | emic Reco | giilliori | | | + | | | |
| 120 | 45 | 30 | 64 | 2.00 | | 56 | | | | + | | | |
| | l . | <u> </u> | | | | | | | | + | | | |
| | | | | | | | | | | + | | | |
| ■ | oro informer* | an aha::44F - | DIC places | اللما الما | حامال | u od.il | | | | + | | | |
| | | | BIS please go | | | | MDC | | | + | | | |
| | | | e only; please out your require | | | AOU L | JAKS | | | + | | | |
| - 1 | | | , - 1 | | | | | | | + | | | |

Updated: 3/5/10



I. First Year Composition (3-6 hours)¹ ENG 101:First Year Comp 1 (3) and ENG 102:First Year Comp 2 (3) or, if eligible ENG 105: Advance First Year Comp (3)

Sub Total (I): 3-6

| II. University General Studies (35-37 hours) | | | | | | |
|---|--------|----------|--------|-----|--|--|
| Humanities/Fine Arts & Social/Behavioral Sciences hours combined; 6 hours in one area, 9 hrs in the other AND division. | | | | | | |
| HU: | | | | | | |
| HU: | | | | | | |
| SB: | | | | | | |
| SB: | | | | | | |
| HU or SB: | | | | | | |
| Natural Sciences (8 hours) | | | | | | |
| SQ: | | | | | | |
| SG: | | | | | | |
| Literacy and Critical Inquiry (6 hours) | | | | | | |
| L: BIS 301: Foundations of Interdis. Studies | Sa | atisfied | by maj | jor | | |
| L: BIS 402: Senior Seminar | Sa | atisfied | by maj | jor | | |
| Mathematics & Statistics/Computer Applications | (6 hou | rs) | | | | |
| MA: | | | | | | |
| CS: | | | | | | |
| Awareness Areas (2 courses minimum and must fulfill all 3 areas) Double counting is permissible between Awareness Areas, other courses that fulfill graduation requirements, and within the Awareness Areas. | | | | | | |
| Global Awareness (G): | | | | | | |
| Historical Awareness (H): | | | | | | |

Sub Total (II): 35-37

Cultural Diversity (C):

| Total Hours Required | Upper Division Hours Required | Resident Hours Required | Minimum GPA required | Hours Required for ASU Academic Recognition |
|-------------------------------|---|----------------------------|----------------------|--|
| 120 | 45 | 30 | 2.0 | 56 |
| Max Transfer Hours Allowed | Max. 2-yr Transfer Hours allowed with AGEC completion | AGEC Completed? | AA Completed? | |
| 90 | 75 | Y□ or N□ | Y□ or N□ | |

- For more information about the BIS degree in Organizational Studies, please go to: http://sls.asu.edu/bis/org_studies.html
- Course pre-requisites are available online at: http://www.asu.edu/catalogs
- This check sheet is for reference only; please consult your DARS report for official information about your requirements.

Bachelor of Interdisciplinary Studies (BIS) Organizational Studies Concentration

Catalog: 2010-2011

| III. BIS Core (15 hours) ¹ | ASU Hours | Trans Hours | Grade | Upp Div |
|---|--------------|----------------|-------|------------|
| BIS 300: Theories & Applications of Org Studies | 3 | | | Χ |
| BIS 301: Foundations of Interdis. Studies (L) | 3 | | | Χ |
| BIS 302: Interdisciplinary Inquiry | 3 | | | Χ |
| BIS 401: Applied Interdisciplinary Studies | 3 | | | Χ |
| BIS 402: Senior Seminar (L) | 3 | | | Χ |

Sub Total (III): 15

IV. Organizational Studies Concentration (30 hours) 1

| Organizational & Management Theory (3 hours) | | | |
|--|---|--|---|
| TMC 346: Management Dynamics | 3 | | Χ |
| Social Processes & Human Interaction (3 hours) | | | |
| SOC 352: Social Change (SB, G, H) | 3 | | Χ |
| Information Management & Organizational Technology (3 hours) | | | |
| COM 394: Communication in the Electronic Age | 3 | | Χ |
| Diversity (3 hours) | | | |
| BIS 350: Diversity and Organizations (L, C) | 3 | | Χ |
| Organizational Contexts (9 hours) | | | |
| POS 360: World Politics | 3 | | Χ |
| SOC 321: Sociology of Work | 3 | | Χ |
| REL 320: American Religious Traditions (or) REL 321: Religion in America | 3 | | Х |
| Ethics (3 hours) | | | |
| PHI 306: Applied Ethics | 3 | | Χ |
| Quantitative Methods (3 hours) | | | |
| PAF 401: Statistics | 3 | | Χ |
| Organizational Tools/Skills (3 hours) | | | |
| ENG 301: Writing for the Professions (or) | | | |
| TWC 301: General Principles of Multimedia | 3 | | Х |

Sub Total IV: 30

V. Electives (38-40 hours)²

Sub Total (V): 38-40

¹ Grades of "C" or better are required for all courses within these categories.

² There is no specific elective or minor requirement for the BIS degree. Students needing more than 15 hours of electives to meet the 120 hour requirement are encouraged to pursue a minor in addition to their BIS concentration; however, minors are not required.



Total UD Res

Bachelor of Liberal Studies

Catalog: 2010-2011

Total UD Res

| I. First Y | ear Compo | osition (3-6 | 6 hours)1 | Hours | Hours | Hours | Grade | IV. BLS Core (6 hours) ¹ | Hours | Hours | Hours | Grade |
|-------------|-----------------|----------------|--------------------|------------|---------|------------|----------|---|---------------------|--|--|-------|
| | First Year Con | | | | | | | BIS 370: Dimensions of Liberal Studies | 3 | 3 | 3 | |
| | First Year Con | | eligible | | | | | BIS 470: Liberal Studies Seminar | 3 | 3 | 3 | |
| ENG | 105: Advance | First Year Co | omp (3) | | | | | | | | - | |
| | | | . , , | | | | | | | | | |
| II. ASU I | Experience | : (3 hours | 2) 2 | | | | | V. Liberal Studies Humanities: (12 ho | oure) 3 | | | |
| ASU 101: | : The ASU Ex | perience | | | | | | v. Liberal Studies Humanities. (12 no | Juis) · | 3 | | |
| | | | | | | | | | | 3 | <u> </u> | |
| III. Unive | ersitv Gene | eral Studies | s (29-38 ho | urs) | | | | - | | 3 | | |
| | | | vioral Scienc | | ours) R | equired | l: 15 | | | 3 | | |
| hours comb | | | s in the other AN | | | | | | | Ū | | |
| division. | | | | | ı | ı | | | | | | |
| HU: | | | | | | | <u> </u> | VI. Liberal Studies Social Sciences (1. | 2 hours)4 | | | |
| HU: | | | | | | | <u> </u> | VI. Liberal Studies Octal Sciences (1) | <u> </u> | 3 | | |
| SB: | | | | | | | | - | | 3 | | |
| SB: | ` | | | | | | | | | 3 | | |
| HU or SE | | | | | Х | | <u> </u> | | | 3 | | |
| | Sciences (8 h | ours) | | | I | ı | | | | | | |
| SQ: | | | | | | | | | | | | |
| SG: | 10 11 11 | | | | | | <u> </u> | VII. Electives (as needed for 120 total | hours) ⁵ | | | |
| | and Critical I | nquiry (6 hou | urs) | | ı | ı | | | | | | |
| | t by BIS 370 | | | | | | <u> </u> | - | | | | |
| | t by BIS 470 | | A 11 41 | (0.1 | | | <u> </u> | - | | | | |
| | atics & Statis | tics/Compute | er Application | s (6 hou | rs) | ı | | | | | | |
| MA: | | | | | | | | | | | | |
| CS: | A (0 | | | | | | <u></u> | | | | | |
| | • | | um and must fulf | | , | that fulf | SII | | | | | |
| | | | Awareness Are | | J001303 | tilat luli | | | | | | |
| Global Aw | rareness (G): | | | | | | | | | | | |
| Historical | Awareness (H): | | | | | | | | | | | |
| Cultural D | iversity (C): | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Total Hours | Upper Division | ASU Resident | Max. 2-yr Transfer | Minimum GF | | Resident H | | | | | | |
| Required | Hours Required | Hours Required | Hours allowed | required | Acade | mic Reco | gnition | | | | | |
| 120 | 45 | 30 | 64 | 2.00 | | 56 | | | | | | |
| | | <u> </u> | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | BLS please (| | | | | | | | | |
| ■ This c | check sheet is | for reference | e only; please | e consul | t your | ASU E | ARS | | | | | |
| report | tor official in | tormation ab | out your requ | irements | 5. | | | | | 1 | | |
| | | | | | | | | - | | | \vdash | |

³ Please visit http://sls.asu.edu/ls/ for a list of courses offered each semester that fulfill

¹ Grades of "C" or better are required for courses within this category.

² ASU 101 is required only of all freshmen.

this requirement. Grades of "C" or better are required.

⁵ There is no specific elective or minor requirement for the BLS degree. Students are encouraged to pursue a minor in addition to the BLS requirements. Students are encouraged to use these electives to fulfill prerequisite course requirements or gain knowledge and skills in preparation for required upper-division required courses.

SCHOOL of LETTERS & SCIENCES ARIZONA STATE UNIVERSITY

Bachelor of Liberal Studies

Catalog: 2010-2011

Upper division courses with the following prefixes will satisfy the Liberal Studies Humanities and Liberal Studies Social Sciences requirements, but this is not an exhaustive list. It represents qualifying prefixes for which ASU frequently offers online classes. Please consult with your Academic Success Specialist to determine whether other humanities and social science courses may also satisfy these major requirements.

Liberal Studies Humanities

- Art History/Auxiliary (ARS, ARA)
- Asian Pacific American Studies (APA)
- English (ENG, ENH)
- Film and Media Studies (FMS)
- History (HST, HTY, HIS)
- Mass Communication (MCO, MCN)
- Philosophy (PHI, PHL)
- Religious Studies (REL)
- •Theatre (THE, THR)
- Women's Studies (WSH)

Liberal Studies Social Sciences

- Aging and Lifespan Development (ALD)
- Anthropology (ASB, ANT, ASM)
- Communication (COM, CMA, CMN)
- Criminal Justice (CRJ)
- Cultural Geography (GCU)
- Educational Psychology (EDP)
- Family Studies (FAS/CDE)
- Justice Studies (JUS)
- Parks and Recreation Management (PRM)
- Political Science (POL, POS, PLS)
- Psychology (PGS)
- Public Affairs (PAF)
- Public Policy and Government (PGV)
- Science, Technology, and Society (STS)
- Social and Behavioral Sciences (SBS)
- Social Justice and Human Rights (JHR)
- Social Work (SWU)
- Sociology (SOC, SCL)
- Transborder Chicana/o Latina/o Studies (TCL)
- Women's Studies (WST, WNS)



Major Map: Literature, Writing and Film – Bachelor of Arts (B.A.) School of Letters and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG ATP None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|--------------------------|----------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-16 CREDIT HOURS | 1113. | Division | Course, Grade | Required | Additional Critical Requirement Profes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| ENG 101 and 102: First-Year Composition OR | | | | | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | determines placement into first-year |
| MAT 142: College Mathematics (MA) or higher | 3 | | | | composition courses ASU Math Placement Exam score determines |
| Social & Behavioral Sciences (SB) | 3 | | | | placement in Mathematics course |
| Elective | 3 | | | | 1 |
| Elective | 3 | | | | |
| TERM TWO: 17-32 CREDIT HOURS | | | | , | |
| ENG 101 and 102: First-Year Composition OR | | | | | Complete Mathematical Studies (MA) |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Computer Science course (CS) | 3 | | | Grade of C | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM THREE: 33-47 CREDIT HOURS | | | | | |
| Complete 2 courses from: | 2 | | | Condo of C | Complete First-Year Composition requirement: ENG 101 % 102 OP ENG 107 % 108 or 105 |
| ENG 200: Critical Reading and Writing About Literature (HU) ENG 217: Writing Reflective Essays (L) | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 MILESTONE: Students must select a track |
| ENG 230: Introduction to Film Studies (L or HU) | 3 | | | Grade of C | |
| Natural Science- Quantitative (SQ) or General (SG) | 4 | | | | |
| Elective | 3 | | | | |
| Elective | 2 | | | | |
| TERM FOUR: 48-62 CREDIT HOURS | | | ı | | · IIII CD |
| Complete remaining course from: ENG 200: Critical Reading and Writing About Literature (HU) | | | | | HU or SB requirement may be satisfied by track- specific course or other elective |
| ENG 217: Writing Reflective Essays (L) | | _ | | | |
| ENG 230: Introduction to Film Studies (L or HU) | 3 | | | Grade of C | - |
| Track specific focus area course (see list on page 2) | 3 | | | Grade of C | |
| Track specific focus area course (see list on page 2) Social & Behavioral Sciences (SB) | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM FIVE: 63-76 CREDIT HOURS | | | | | |
| Track specific focus area course (see list on page 2) | 3 | | | Grade of C | A minimum of 9 hours of Upper Division |
| Track specific focus area course (see list on page 2) | 3 | | | Grade of C | coursework must be completed in this semester. HU or SB requirement may be satisfied by |
| Upper Division Literacy & Critical Inquiry (L) | 3 | \boxtimes | | | track-specific course or other elective |
| Elective | 2 | | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| TERM SIX: 77-91 CREDIT HOURS | | | I | 0 1 10 | A minimum of 12 hours of Upper Division |
| Track specific elective course (see list below) Track specific elective course (see list below) | 3 | | | Grade of C Grade of C | A minimum of 12 hours of Upper Division coursework must be completed in this semester |
| H, if completed take elective | 3 | | | Grade of C | H (historical awareness) requirement may be |
| Upper Division HU or SB, if completed take elective | 3 | \boxtimes | | | satisfied by track-specific course or other elective |
| | | | | | Upper Division HU or SB requirement may be |
| Flactica | 2 | | | | satisfied by track-specific course or other elective |
| Elective TERM SEVEN: 92-106 CREDIT HOURS | 3 | | | | elective |
| Track specific elective course (see list below) | 3 | | | Grade of C | A minimum of 12 hours of Upper Division |
| Cultural diversity in the U.S. (C) (if completed, take elective | 3 | | | | coursework must be completed in this semester |
| Upper Division Elective | 3 | | | | C (cultural awareness) requirement may be satisfied by track-specific course or other |
| Upper Division Elective | 3 | | | | elective |
| Elective | 3 | | | | |
| TERM EIGHT: 107-120 CREDIT HOURS ENH498: Literature, Writing, and Film Capstone Project | 3 | \boxtimes | | Grade of C | A minimum of 12 hours of Upper Division |
| , 0, | | | | Grade of C | coursework must be completed in this semester |
| G (global awareness) if completed, take elective | 3 | | | | G (global awareness) requirement may be satisfied by track-specific course or other |
| Upper division Elective | 3 | | | | elective |
| Elective | 3 2 | | | | |
| Elective | | | | | |



Major Map: Literature, Writing and Film –

Bachelor of Arts (B.A.)

School of Letters and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|-------------------------------|-----------------------------------|--|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)

- o Natural Science-Quantitative (SQ)
- o Natural Science-General (SG)
- General Studies Awareness Requirements

 O Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

The B.A. in Literature, Writing, and Film has six tracks. The following are the focus area & specific elective courses for each track:

| Tracks | Track Specific Focus Area Courses | Track Specific Elective Courses | | | |
|--------------------------------|---|--|--|--|--|
| Literature and Film | Students choose from among the following: | Any ENG or FMS prefix courses | | | |
| | ENG 220 L L L C L E'L CL L' (L HII) | | | | |
| | ENG 230: Introduction to Film Studies (L or HU) | | | | |
| | ENG 366: Literature on Film ENG 378: Environmental Creative Nonfiction (L & HU) | | | | |
| | ENG 378. Environmental Creative Nonfiction (L & HU) ENG 367: Environmental Issues in Literature (L & HU) | | | | |
| | ENG 307. Environmental issues in Literature (L & HU) ENG 334: The American Southwest in Literature and Film (L & HU) | | | | |
| | ENG 320: Medievalism in Modern Culture | | | | |
| | ENG 466: Studies in International Film (L or HU, G) | | | | |
| | ENG 467: American Film Musicals (L or HU) | | | | |
| | ENG 464: Great Directors (L or HU) | | | | |
| | ENG 468: Environmental Literary Criticism | | | | |
| | ENG 221: Survey of English Literature (HU) | | | | |
| | ENG 222: Survey of English Literature (HU, H) | | | | |
| | ENG 241: Literatures of the United States to 1860 (HU) | | | | |
| | ENG 242: Literatures of the United States, 1860-Present (HU) | | | | |
| | ENG 321: Introduction to Shakespeare (L or HU) | | | | |
| | ENG 365: History of Film (HU) | | | | |
| | ENG 385: Career Development for English Majors (L) | | | | |
| Writing | Students choose from among the following: | Any ENG Writing courses | | | |
| | | Any Upper Division ENG literature courses. Any of the following GIT | | | |
| | ENG 243: Introduction to Writing Family History (L) | courses: | | | |
| | ENG 244: Introduction to Researching Family History | GIT 194: Introduction to Computer Documents | | | |
| | ENG 373: Publishing in Literary Magazines | GIT 294: Introduction to Digital Photography | | | |
| | ENG 376: Writing a Personal History (L) | GIT 210: Creative Thinking and Design Visualization | | | |
| | ENG 377: Editing Family History for Public Audiences (L) | GIT 237: Web Content Design | | | |
| | ENG 389: Writing Creative Nonfiction for Publication | GIT 233 Digital Publishing | | | |
| | ENG 344: Intermediate Family History Research | GIT 333 Printing Technology | | | |
| | ENG 379: Travel Writing | GIT 414 Web Site Design and Internet/Web Technologies | | | |
| | ENG 382: Digital Project Management for Humanities and Arts | A CAL CH : TOWIG | | | |
| | ENG 383: Digital Media in the Humanities and Arts | Any of the following TWC courses: | | | |
| | ENG 368: Travel Writing (L) | TWC 401 Principles of Technical Communication | | | |
| | ENG 204: Introduction to Contemporary Literature (HU) ENG 210: Introduction to Creative Writing | TWC 403 Writing for Professional Publication TWC 411 Principles of Visual Communication | | | |
| | ENG 210: Introduction to Creative Writing ENG 310: Intermediate Creative Writing | TWC 411 Principles of Visual Communication TWC 421 Principles of Writing with Technology | | | |
| | ENG 411: Advanced Creative Writing | 1 W C 421 Trinciples of Witting with Technology | | | |
| | ENG 412: Creative Nonfiction | | | | |
| | ENG 212 English Prose Style | | | | |
| | ENG 215 Strategies for Academic Writing | | | | |
| | ENG 216 Persuasive Writing on Public Issues | | | | |
| | ENG 385 Career Development for English Majors | | | | |
| | ENG 472 Rhetorical Studies | | | | |
| | TWC 301 General Principles of Multimedia Writing | | | | |
| English for Secondary Teachers | Students choose from among the following: | Any courses with an ENG prefix | | | |
| | ENG 366: Literature on Film | | | | |
| | ENG 334: The American Southwest in Literature (L & HU) | | | | |
| | ENG 320: Medievalism in Modern Culture (L & HU) | | | | |
| | ENG 481: Methods of Teaching Secondary Writing | | | | |
| | ENG 483: Methods of Teaching Secondary Literature and Language | | | | |
| | ENG 221: Survey of English Literature (HU) | | | | |
| | ENG 222: Survey of English Literature (HU, H) | | | | |
| | ENG 241: Literatures of the United States to 1860 (HU) | | | | |
| | ENG 242: Literatures of the United States, 1860-Present (HU) | | | | |
| | ENG 314 Modern Grammar | | | | |
| | ENG 321: Introduction to Shakespeare (L or HU) | | | | |
| | ENG 333 American Ethnic Literature | | | | |



Major Map: Science, Technology and Society – Bachelor of Science (B.S.) School of Letters and Sciences | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: ☐TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|--------------|------------------------------------|--|
| Course Subject and Title | 11 | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Div. | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| STS 101: Introduction to Science, Technology and Society (SB) | 3 | | | Grade of C | ASU 101 is for ASU freshman students only |
| ASU 101: The ASU Experience | 1 | | | Grade of C | Not required of transfer students |
| ENG 101 and 102: First-Year Composition OR | | | | | Transfer students with 64 credit hours or more transferred must take STS 304 instead of STS |
| ENG 107 and 108: English for Foreign Students OR | _ | _ | | | 101. |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| Humanities, Fine Arts & Design (HU) | 3 | | | | determines placement into first-year composition courses |
| | | | | | ASU Math Placement Exam score determines |
| Mathematics (MA) | 3 | | | | placement in Mathematics course |
| TERM TWO: 16-30 CREDIT HOURS | | 1 | ı | | |
| STS 110: Global Technology and Development (SB, G) | 3 | | | Grade of C | * It is highly recommended that STS students take a statistics course for their (CS) general |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | | | | | studies requirement. |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Transfer students with 64 credit hours or more |
| Computer/Statistics/Quantitative applications (CS)* | 3 | | | | transferred must take STS 317 instead of STS 110. |
| Social & Behavioral Sciences (SB) | 3 | | | | 110. |
| Global Awareness (G) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Historical Awareness (H) | 3 | | | | First-year composition requirement completed |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Natural Science-General (SG) OR | |] | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| Cultural Diversity in the US (C) | 3 | | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | | | | See your advisor for a list of courses that fulfill |
| Elective | 3 | | | | your chosen STS Track and to discuss the |
| Humanities, Fine Arts & Design (HU) | 4 | | | | required Minor for the degree. |
| Natural Science-Quantitative (SQ) | 3 | | | Grade of C | |
| Approved upper division STS Track course Approved Minor course | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| STS 301: Research in Science and Technology Studies (SB) | 3 | \boxtimes | | Grade of C | |
| STS 302: Philosophy of Science and Technology | 3 | | | Grade of C | |
| Approved upper division STS Track course | 3 | | | Grade of C | |
| Approved upper division STS Track course | 3 | ⊠ | | Grade of C | |
| Approved Minor course | 3 | | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| STS 303: History of Science and Technology (H) | 3 | \boxtimes | | Grade of C | |
| STS 305: Science and Social Theory (SB) | 3 | ⊠ | | Grade of C | |
| Approved upper division STS Track course | 3 | ⊠ | | Grade of C | |
| Approved Minor course | 3 | | | | |
| Historical Awareness (H) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| STS 306: Social Effects of Science and Technology (SB) | 3 | \boxtimes | | Grade of C | |
| Approved upper division STS Track course | 3 | \boxtimes | | Grade of C | |
| Approved Minor course | 3 | | | | |
| Social & Behavioral Sciences (SB) | 3 | | | | |
| Upper Division Literacy & Critical Inquiry (L) | 3 | ⊠ | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| STS 484: Internship | 3 | \boxtimes | | Grade of C | |
| Approved STS Track course | 3 | ⊠ | | Grade of C | |
| Approved Minor course | 3 | | | | |
| Approved Minor course | 3 | | | | |
| Upper division Humanities, Fine Arts & Design (HU) OR | _ | | | | |
| Upper division Social & Behavioral Sciences (SB) | 3 | \boxtimes | <u> </u> | | |



Major Map: Science, Technology and Society -

Bachelor of Science (B.S.)

School of Letters and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Students who begin the STS program at ASUPOLY as freshmen will take STS 101 and 110. STS 304 and 317 are for transfer students with 64 units who need upper division credit.

It is highly recommended that STS students take a statistics course for their (CS) general studies requirement.

Students in the Science, Technology, and Governance Track will complete the following coursework or their equivalents:

- POS 310 American National Government
- STS 318 Science, Technology and Government
- STS 325 Science, Technology and Public Policy
- STS 331 Ethical Issues in Science and Technology
- STS 364 Science, Technology and National Security
- STS 425 Law, Values, and Science and Technology

Students in the Global Technology and Development Track will complete the following coursework or their equivalents:

- STS 328 Science, Technology and Culture
- STS 329 Cultivating Technology in Newly Industrializing Countries
- STS 330 Information Technology and Globalization
- STS 331 Ethical Issues in Science and Technology
- STS 332 Seminar: Global Issues in Science and Technology
- STS 364 Science, Technology and National Security

Students in the General STS Track must meet with an advisor to determine the coursework needed to fulfill this area of the degree.

- The General STS Track has been designed as the integrative component of the STS degree program. It can be used to design dual degrees and double majors with other programs. Students can utilize it in integrating other degree programs and courses available at ASU.
 - o For instance, the Track can be employed in establishing a pre-law degree program with more emphasis on a science and technology curriculum.
 - o Students seeking secondary teaching certification can incorporate social science pedagogy courses.
 - o In each instance when this Track is chosen by a student, the student will work in conjunction with faculty advisors within Social and Behavioral Sciences and other units to work out an appropriate program of study.
 - o Students can utilize courses available at any unit within ASU for this purpose.

All STS students must take an approved Minor for STS Majors (18 Semester Hours)

- Each approved program of study in the STS program must include at least one minor in a substantive field.
- STS students are encouraged to take minors in career fields, e.g., business, technology, technical communication, education, etc.
- The minor is to help prepare the student for a career upon graduation.
- Before taking minor courses, students must meet with their advisor to determine which minor is best suited for their chosen career field.



Major Map: Technical Communication – Bachelor of Science (B.S.) School of Letters and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|-----|-------------------|--------------------------|----------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | Division | Course/Grade | required | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. | |
| ENG 101 and 102: First-Year Composition OR | | | | | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | determines placement into first-year | |
| MA (MAT 142 College Mathematics or any MA equivalent) | 3 | | | Grade of C | composition courses | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | ASU Math Placement Exam score determines placement in mathematics course | |
| Natural Science–Quantitative (SQ) | 4 | | | | parement in mannermanes equise | |
| TERM TWO: 16-30 CREDIT HOURS | · | | | | | |
| ENG 101 or 102: First-Year Composition OR | | | | | | |
| ENG 105: Advanced First-Year Composition OR | , | | | C | | |
| ENG 107 or 108: English for Foreign Students Computer/Statistics/Quantitative applications (CS) | 3 | | | Grade of C Grade of C | 1 | |
| * ** | 4 | | | Glade of C | | |
| Natural Science–General (SG) or Quantitative (SQ) Social and Behavioral Sciences (SB) | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 3 | | | | | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | First-year composition requirement completed | |
| Cultural Diversity in the U.S. (C), if completed take elective | 3 | | | | Related area: In consultation with an advisor; | |
| Social and Behavioral Sciences (SB) | 3 | | | | suggested courses use the following prefixes: | |
| Related Area Course | 3 | | | Grade of C | GIT, ENG, COM, or any other course related to the student's career path. | |
| Elective | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| TWC 301 General Principles of Multimedia Writing (L) | 3 | \boxtimes | | Grade of C | | |
| Upper-division Humanities, Fine Arts, and Design (HU) or Social and | 3 | \boxtimes | | | | |
| Behavioral Sciences (SB) Global Awareness (G), if completed take elective | 3 | | | | 1 | |
| Elective | 3 | | | | | |
| | | | | | | |
| Historical Awareness (H), if completed take elective | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | ı | 0 1 10 | | |
| TWC 401 Principles of Technical Communication (L) | 3 | | | Grade of C | | |
| Elective | 3 | | | | | |
| Elective Elective | 3 | | | | | |
| Upper-division elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | | |
| TWC 411 Principles of Visual Communication (L), 421 Principles of | | | | | Related area: In consultation with an advisor; | |
| Writing with Technology (L), or 431 Principles of Technical Editing (L) | 3 | | | Grade of C | suggested courses use the following prefixes: GIT, ENG, COM, or any other course related to | |
| TWC 44X 45X Genre or Information course | 3 | \boxtimes | | Grade of C | the student's career path. • TWC elective: Any TWC 300/400 course will | |
| Upper-division related area course | 3 | \boxtimes | | Grade of C | fulfill this area, however an internship (TWC | |
| Elective | 3 | | | | 484) or supervised work experience is strongly | |
| Upper-division TWC elective | 3 | \boxtimes | | Grade of C | recommended. | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | ı | ı | | |
| TWC 411 Principles of Visual Communication (L), 421 Principles of Writing with Technology (L), or 431 Principles of Technical Editing (L) | 3 | \boxtimes | | Grade of C | Related area: In consultation with an advisor; suggested courses use the following prefixes: GIT, ENG, COM, or any other course related to | |
| TWC 44X 45X Genre or Information course | 3 | \boxtimes | | Grade of C | the student's career path. | |
| Upper-division related area course | 3 | \boxtimes | | Grade of C | TWC elective: Any TWC 300/400 course will fulfill this area, however an internship (TWC 484) or supervised work experience is strongly | |
| Upper-division TWC elective | 3 | \boxtimes | | Grade of C | | |
| Upper-division elective | 3 | \boxtimes | | | recommended. | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | · | | |
| TWC 411 Principles of Visual Communication (L), 421 Principles of Writing with Technology (L), or 431 Principles of Technical Editing | 3 | \boxtimes | | Grade of C | Related area: In consultation with an advisor; suggested courses use the following prefixes: CIT_FNG_COM_or convertible course related to | |
| (L) TWC 490 Capstone | 3 | \boxtimes | | Grade of C | GIT, ENG, COM, or any other course related to the student's career path. | |
| Upper-division related area course | 3 | ⊠ | | Grade of C | TWC elective: Any TWC 300/400 course will | |
| Elective | 3 | | | | fulfill this area, however an internship (TWC 484) or supervised work experience is strongly | |
| Upper-division TWC elective | 3 | | | Grade of C | recommended. | |



Major Map: Technical Communication -Bachelor of Science (B.S.) School of Letters and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|----------------|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the U.S. (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: African & African American Studies -Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Trai | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|-------|-------------------|--------------------------|-------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course/Grade | required | Additional Critical Requirement (votes | |
| AFS 200: Introduction to Africa and African Diaspora Studies (SB, G, H) | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition | |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course | |
| MAT 142 College Mathematics (MA) | 3 | | | Grade of C | Consult academic advisor for Learning | |
| Second Language | 4 | | | Grade of C | Community, Academic Success Clusters and First Year Seminar options. | |
| Academic Success Class or First Year Seminar | 1 | | | | All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar Complete First-Year Composition by the end of term 3 Complete Math requirement, MAT 142 or higher, by the end of term 3 | |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 and 102: First-Year Composition OR | 1 | | | | Complete First Very Commercial by the end of | |
| ENG 101 and 102. First-1 ear Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | Complete First-Year Composition by the end of term 3 Complete Math requirement, MAT 142 or | |
| Lower Division Related Area | 3 | | | Grade of C | higher, by the end of term 3 | |
| Second Language | 4 | | | Grade of C | Selection of general studies courses will be by elective courses taken to fulfill the major | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | | |
| Humanities, Fine Arts, and Design (HU) with Cultural Diversity Awareness in the United States (C) | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| Concentration Elective (see notes) | 3 | | | Grade of C | Complete Math requirement, MAT 142 or higher, by the end of term 3 | |
| Second Language | 4 | | | Grade of C | Complete First-Year Composition by the end of | |
| Natural Science – Quantitative (SQ) or General (SG) | 4 | | | | term 3 | |
| Literacy and Critical Inquiry (L) | 3 | | | | Selection of general studies courses will be by elective courses taken to fulfill the major | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS AFH 305: Global History of the Trans-Atlantic Slave Trade | 3 | \boxtimes | | Grade of C | Selection of general studies courses will be by | |
| Complete <i>one</i> of the following: AFH 300: Pre-colonial Africa (SB, G, H) OR AFS 301: Race and Racism in Africa/African Diaspora (SB, G) OR | 3 | | | Grade of C | elective courses taken to fulfill the major | |
| AFS 394: History of Black Women in America Second Language | 4 | | | Grade of C | | |
| Natural Science – Quantitative (SQ) | 4 | | | Grade of C | | |
| Social and Behavioral Sciences (SB) | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| Complete <i>one</i> of the following: AFH 300: Pre-colonial Africa (SB, G, H) OR AFS 301: Race and Racism in Africa/African Diaspora (SB, G) OR AFS 394: History of Black Women in America | 3 | ⊠ | | Grade of C | Selection of general studies courses will be by elective courses taken to fulfill the major | |
| Upper Division Concentration Elective | 3 | \boxtimes | | Grade of C | | |
| Upper Division Related Area | 3 | | | Grade of C | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | | | | |
| General Elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| Upper Division Concentration Elective | 3 | | | Grade of C | | |
| Upper Division Related Area General Elective | 3 | | | Grade of C | | |
| General Elective General Elective | 3 | | | + | 1 | |
| Upper Division General Elective | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | , | | | | | |
| Concentration Elective | 3 | | | Grade of C | | |
| Upper Division Related Area | 3 | ⊠ | | Grade of C | 1 | |
| Upper Division General Elective | 3 | | | | | |
| Upper Division General Elective | 3 | \boxtimes | | | | |
| General Elective | 3 | | | | | |



Major Map: African & African American Studies – Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| AFR 498: Professional Seminar | 3 | | | Grade of C | |
| Upper Division Related Area | 3 | | | Grade of C | |
| Upper Division Concentration Elective | 3 | | | Grade of C | |
| General Elective | 2 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There are five concentration areas for the degree: Africa, The Americas, Gender and Family Studies, Cultural Studies, and Politics & Society. The student must choose one concentration from which to complete 15 total semester hours. Students must see the unit's academic advisor for a list of courses that may be used in the student's chosen concentration.

Related Areas: Students must take 15 semester hours in related areas, which may include additional 3 semester-hour courses in AFR, AFS, or AFH, plus courses in other departments as long as the desired course contains at least fifty percent African, Caribbean, Afro-Latin American or African American content. These courses will be selected with the unit academic advisor.

No courses may be used to satisfy more than one requirement in the major.



Major Map: American Indian Studies – Bachelor of Science (B.S.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|---|--------------------------|--|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirements Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| AIS 180: Intro to American Indian Studies (C) | 3 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | determines placement into first-year composition courses • ASU Math Placement Exam score |
| Natural Science – Quantitative (SQ) | 4 | | | | determines placement in Mathematics course |
| Elective | 3 | | | | All freshmen are required to pass an academic success class and therefore must |
| Academic Success Class or First Year Seminar | 1 | | | | enroll in an Academic Success Cluster and/or a First Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| AIS 280: American Indian Sovereignty & the Courts (H, C) | 3 | | | Grade of C | First-year composition requirement must be |
| MAT 142 College Mathematics (MA) | 3 | | | Grade of C | completed by end of term 3 • MAT 142 (or higher) (MA) must be |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | completed by end of term 2 |
| ENG 105: Advanced First-Year Composition Social and Behavioral Sciences (SB) | 3 | | | | |
| Elective or course for a minor | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | ر | | | | |
| AIS 370: American Indian Languages & Cultures (C) | 3 | \boxtimes | | Grade of C | First-Year Composition Completed |
| Natural Sciences (SG or SQ) | 4 | | | Grade of C | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | |
| AIS emphasis area course | 3 | | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 5 | | | | |
| AIS 285:Federal Indian Policy (H, C) | 3 | | | Grade of C | All critical courses must be completed by end |
| AIS 380: Contemporary Issues of American Indian Nations | 3 | | | Grade of C | of term 4 |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | Grade of C | |
| Social and Behavioral Science (SB) and Global Awareness (G) | 3 | | | | |
| Elective or course for a minor | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | , | | | | |
| JUS 302: Basic Statistical Analysis in Justice Studies (CS) | 3 | \boxtimes | | | |
| AIS emphasis area course | 3 | | | | |
| Upper division AIS emphasis area course | 3 | | | | |
| Upper division Science & Society course | 3 | <u> </u> | | Grade of C | |
| Elective or course for a minor | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Upper division AIS emphasis area course | 3 | \boxtimes | | | |
| Upper division Science & Society course | 3 | | | Grade of C | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | |
| Literacy and Critical Inquiry (L) (recommend ASB 321: Indians of the Southwest) | 3 | | | | |
| Elective or course for a minor | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| AIS 420 American Indian Studies Research Methods (L) | 3 | ☒ | | Grade of C | |
| Upper division AIS emphasis area course | 3 | | | | |
| Upper division Humanities, Fine Arts, and Design (HU) OR | 3 | | | | |
| Social and Behavioral Sciences (SB) Upper division elective or course for a minor | 3 | \boxtimes | | | |
| Elective or course for a minor | 3 | | | | |
| | ر | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS AIS 498: Pro Seminar | 2 | M | | Grade of C | |
| | 3 | ⊠ ⊠ | | | |
| AIS 484: Internship Upper division AIS emphasis area course | 3 | | | Grade of C | |
| 11 1 | 3 | ⊠ ⊠ | | | |
| Upper division elective or course for a minor Upper division elective or course for a minor | 3 | | | | |
| Opper division elective of course for a filling |) | | | i | |



Major Map: American Indian Studies -

Bachelor of Science (B.S.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, a minor or a certificate.



Major Map: Anthropology – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Trai | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------------|--------------------------|---------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| ASB 102: Introduction to Cultural & Social Anthropology (SB, G) OR ASM 104: Bones, Stones and Human Evolution (SG) OR ASB 222: Buried Cities and Lost Tribes (HU/SB, G, H) | 3-4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | ASU Math Placement Exam score |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | determines placement in Mathematics course |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | | | | | 6 credits each required in Archaeology, |
| Second Language: | 4 | | | | Physical Anthropology, Sociocultural Anthropology. |
| Humanities, Fine Arts, and Design (HU): | 3 | | | | Complete Mathematical Studies (MA) by |
| Academic Success Class or First Year Seminar | 1 | | | | semester 4. • Field School Opportunities: (Archaeological, Physical or Ethnographic) can be used toward the distribution requirements in place of on campus courses. • 2.5 cumulative GPA in critical courses recommended. ASB 223: Buried Civilizations for the Americas may substitute for ASB 222. • All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Select one course from the following list (not already completed): ASB 102: Introduction to Cultural & Social Anthropology (SB, G) OR ASM 104: Bones, Stones and Human Evolution (SG) OR ASB 222: Buried Cities and Lost Tribes (HU/SB, G, H) | 3-4 | | | Grade of C | 2.5 cumulative GPA in critical courses recommended. ASB 223: Buried Civilizations for the Americas may substitute for ASB 222. |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Complete Mathematical Studies (MA) requirement |
| Second Language | 4 | | | | |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Select one course from the following list (not already completed): ASB 102: Introduction to Cultural & Social Anthropology (SB, G) OR ASM 104: Bones, Stones and Human Evolution (SG) OR ASB 222: Buried Cities and Lost Tribes (HU/SB, G, H) | 3-4 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105. |
| STP *** (CS) | 3 | | | Grade of C | ASB 223: Buried Civilizations for the Americas may substitute for ASB 222. |
| Awareness Area – Cultural (C): | 3 | | | | 2.5 cumulative GPA in critical courses |
| Second Language | 4 | | | | recommended. |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | 1 | | |
| Geographic Area Course - Archeology, Physical or Ethnographic ASB or ASM course (see advisor for course list) | 3 | \boxtimes | | Grade of C | Complete second language |
| ASB (Soc/Cult) Upper Division Elective | 3 | \boxtimes | | Grade of C | |
| Second Language | 4 | | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| Geographic Area Course: Archy/Physical or Ethnographic Course | 3 | | | Grade of C | |
| ASM (Physical) Upper Division Elective | 3 | | | Grade of C | - |
| Literacy and Critical Inquiry (L) | 3 | | | | - |
| Social and Behavioral Sciences Course (SB) Elective | 1 | | | | 1 |
| TERM SIX: 76-90 CREDIT HOURS | 1 | | | | |
| ASB/ASM (Archaeology) Upper Division Elective ASB/ASM (Archaeology) Upper Division Elective (Theory and Methods | 3 | \boxtimes | | Grade of C | |
| Intensive Course) | 3 | \boxtimes | | Grade of C | |
| ASB/ASM Elective | 3 | | | Grade of C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | - |
| Elective | 3 | | | | |



Major Map: Anthropology - Bachelor of Arts (B.A.)

| • | • | . 0, | |
|---------|------------|--------------------------------|-------------|
| College | of Liberal | Arts & Sciences Catalog Year | : 2010-2011 |

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| ASB 480: Principles of Linguistics OR (SB) | | | | | |
| ASB 481: Language and Culture OR (SB) | | _ | | | |
| ASB 483: Sociolinguistics and the Ethnography of Communication (SB) | 3 | | | Grade of C | |
| ASB/ASM Upper Division Elective | 3 | \boxtimes | | Grade of C | |
| ASB/ASM Upper Division Elective | 3 | \boxtimes | | Grade of C | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - 0 Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, a minor or a certificate.



Major Map: Applied Math for the Life and Social Sciences – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Trai | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|---------------|--------------------|--|
| Course Subject and Title | l | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| AML 100: Intro to Applied Math for the Life and Social Sciences | 3 | Ш | | Grade of C | determines placement into 1st year composition |
| MAT 270: Calculus with Analytic Geometry I (MA) (or pre-req MAT 170: Precalculus based on Math Placement Exam score) | 4 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Minimum grade of C required in all MAT classes; grade of B or better strongly correlated with timely graduation Consult academic advisor for Learning |
| BIO 187: General Biology I (SG) (needed for upper-division life sciences) | 4 | | | | Community, Academic Success Clusters, and First Year Seminar options |
| Academic Success Class or First Year Seminar (required for freshmen only, transfers must still meet 120 total hours) | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS CSE 100: Principles of Programming with C++ (CS) OR | | _ | | | Minimum grade of C required in all MAT and |
| CSE 110: Principles of Programming with Java (CS) | 3 | | | Grade of C | STP classes; grade of B or better strongly |
| MAT 271: Calculus with Analytic Geometry II (or MAT 270 if not completed in term 1) ENG 101 and 102: First-Year Composition OR | 4 | | | Grade of C | correlated with timely graduation Students should take SOC 101, ASB 102, PSY 101, POS 101, or any other intro Social Science |
| ENG 101 and 102: Frist-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Course to be able to take upper-division electives in the Social Science track. |
| Social & Behavioral Science AND Cultural Diversity in the US (C), | 3 | | | | |
| Global Awareness (G) OR Historical Awareness (H) BIO 188: General Biology II (SQ) (needed for upper-division life | _ | | | | - |
| sciences) | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS MAT 272: Calculus with Analytic Geometry III (or MAT 271 if not completed in term 2) | 4 | | | Grade of C | |
| CLAS Science and Society | 3 | | | Grade of C | First-Year Composition completed by the end of |
| Literacy and Critical Inquiry (L) | 3 | | | | term 3 Minimum grade of C required in all MAT classes; grade of B or better strongly correlated |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | with timely graduation |
| General Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | • | |
| MAT 272: Calculus with Analytic Geometry III or if completed, take MAT 274: Elementary Differential Equations or MAT 275: Modern Differential Equations | 3 | | | Grade of C | Minimum grade of C required in all MAT |
| AML 253: Modeling in the Life and Social Sciences | 3 | | | Grade of C | classes; grade of B or better strongly correlated with timely graduation |
| Upper division Life Science, Social Science, or Applied Math Course | 3 | | | Grade of C | Students MUST take at least 2 UD electives in each of the following tracks: Life Sciences, |
| Social & Behavioral Science (SB) | 3 | | | | Social Sciences, and Applied Math |
| General Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| MAT 274: Elementary Differential Equations <i>or</i> MAT 275: Modern Differential Equations or if completed, take MAT 342: Linear Algebra <i>or</i> MAT 343: Applied Linear Algebra | 3 | | | Grade of C | Minimum grade of C required in all MAT classes; grade of B or better strongly correlated with timely graduation Students MUST take at least 2 UD course in |
| Upper division Life Science, Social Science, or Applied Math Course | 3 | \boxtimes | | Grade of C | each of the following tracks: Life Sciences, Social Sciences, and Applied Math (see course |
| Upper division Life Science, Social Science, or Applied Math Course | 3 | | | Grade of C | lists on page2) |
| Humanities, Fine Arts & Design (HU) | 3 | | | | 5 [-65) |
| General Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| MAT 342: Linear Algebra <i>or</i> MAT 343: Applied Linear Algebra or if completed, take Upper division general elective | 3 | \boxtimes | | Grade of C | |
| Upper division Life Science, Social Science, or Applied Math Course | 3 | \boxtimes | | Grade of C | 1 |
| Upper division Life Science, Social Science, or Applied Math Course | 3 | ⊠ | | Grade of C | 1 |
| Complete remaining awareness area course: Cultural Diversity in the US (C) Global Awareness (G) OR Historical Awareness (H) Or if all awareness areas completed, take general elective | 3 | | | | |
| Upper division general elective | 3 | \boxtimes | | | 1 |



Major Map: Applied Math for the Life and Social Sciences – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper division Life Science, Social Science, or Applied Math Course | 3 | \boxtimes | | Grade of C | |
| Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education | 3 | | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) | 3 | | | | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| AML 406: Directed Reading and Research for AMLSS Education | 3 | \boxtimes | | Grade of C | |
| Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education | 3 | \boxtimes | | Grade of C | |
| Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education | 3 | \boxtimes | | Grade of C | |
| Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education | 3 | | | Grade of C | |

Graduation Requirements Summary:

| Total Hours (120 | Total Hrs at ASU (30 | Hrs Resident Credit for | Major GPA (2.600 | Total UD Hrs (45 | Total Comm. College |
|------------------|----------------------|-------------------------|------------------|------------------|---------------------|
| minimum) | minimum) | Academic Recognition | Min.) | minimum) | Hrs. (64 maximum) |
| | · | (56 minimum) | | · | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 Humanities, Fine Arts, and Design (HU)
 - Humanities, Fine Arts, and Design (HU
 Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Upper division Life Science, Social Science, or Applied Math Course and Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education

Upper division Life Science, Social Science and Applied Math Tracks (18 hours)

Students MUST take at least 2 UD course in each of the following tracks: Life Sciences, Social Sciences, and Applied Math

Life Sciences

BIO 320 Fundamentals of Ecology (3) L

BIO 321 Introductory Ecology Laboratory (2)

BIO 336 (Could not find in catalog)

BIO 406 Computer Applications in Biology (3) CS

BIO 410 Techniques in Wildlife Conservation Bio (3) L

GCU 495 Quantitative Methods in Geography (3) CS

GPH 370 Geographic Information Technologies (3) CS

GPH 371 Intro to Cartography and Georepresentation (3) CS

ASM 465 Quantification and Analysis for Anthropology (3)

JUS 302 Basic Statistical Analysis in Justice Studies (3) CS

BIO 411 Quantitative Conservation Biology (3)

GCU 496 Geographic Research Methods (3) L

GPH 483 Geographic Information Analysis (3)

ASM 345 Disease and Human Evolution (3)

JUS 301 Research in Justice Studies (3) SB

BIO 415 Biometry (4) CS

BIO 469 Computational Neuroscience (4)

Social Sciences
POS 301 Empirical Political Inquiry (3) SB

POS 401 Political Statistics (3) CS

BIO 417 Experimental Design (3)

POS 485 Political Economy (3) SB

SOC 331 Environmental Sociology (3) SB & G

BIO 424 Mathematical Models in Ecology (4)

BIO 423 Population and Community Ecology (2-3)

BIO 455 Introduction to Comparative Genomics (3)

BIO 456 Bioinformatics and Molecular Evolution (3)

BCH 361 Principles of Biochemistry (3)

SOC 390 Social Statistics (3) SB & G

SOC 391 Sociological Research (3) L or SB

SOC 433 Applied Demography (3) SB

SOC 448 Epidemics and Society (3 SB & G)

ECN 384 Economics of Social Behavior (3) SB

MAT 300 Mathematical Structures (3) L MAT 371 Advanced Calculus (3)

MAT 451 Mathematical Modeling (3)

MAT 362 Adv Math for Engineers and Scientists (3)

Applied Mathematics

MAT 343 Applied Linear Algebra (3)

MAT 351 Mathematical Methods for Genetic Analysis (3)

MAT 355 Intro to Computational Molecular Bio (3)



Major Map: Applied Math for the Life and Social Sciences – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education (12 hours)

Students have the flexibility of taking the remaining 12 credit hours in any combination of the life sciences, social sciences, applied math (listed above) and/or mathematics education listed below. Suggested courses for students interested in focusing in one area are listed below.

Life Science

Additional life science courses from the list above

Social Science

Additional social science courses from the list above

Applied Math

At least <u>two</u> additional applied mathematics courses from "e" above <u>One probability course</u> (highly recommended) *STP 421 Probability* (3) <u>One statistics course</u> (highly recommended) *STP 420 Introductory Applied Statistics* (3) CS

Mathematics Education Courses*

MAT 371 Advanced Calculus (3)

MAT 451 Mathematical Modeling (3)

MAT 343 Applied Linear Algebra (3)

MAT 351 Mathematical Methods for Genetic Analysis (3)

MAT 355 Intro to Computational Molecular Bio (3)

MAT 362 Adv Math for Engineers and Scientists (3)

One probability course (highly recommended) STP 326 Intermediate Probability (3) CS or STP 421 Probability

One statistics course (highly recommended) STP 226 Elements of Statistics (3) or

STP 231 Statistics for Life Sciences (3) CS or STP 420 Introductory Applied Statistics (3) CS



Major Map: Asia Studies (East Asia) – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| Competed Transfer Pathway: | | | Completed General Education: | | | |
|---|------|-------------|------------------------------|---------------------------|--|--|
| Course Subject and Title | I | Upper | ☐ MAPP ☐ Transfer | ΓAG □ATP □None | □AGEC □IGETC/CSUGE □None | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | |
| Pan Asia Course [Recommend HST 106 (HU or SB, G, H) or HST 107 (SB, G, H)] – see list below | 3 | | | Grade of C | All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First-Year | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | Seminar • The sequence of required and elective courses | |
| ENG 105: Advanced First-Year Composition MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | will vary with each student according to individual choices and the yearly schedule of | |
| Second Language (must be Chinese, Japanese or Korean) | 5 | | | Grade of C | classes. HST 496, the capstone course must be | |
| Academic Success Class or First Year Seminar | 1 | | | 0.000 0.1 0 | taken in the final year | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| Pan Asia Course [Recommend ARS 201 (HU, G, H) or HST 201 (SB, H)] – see list below | 3 | | | Grade of C | East Asia students must follow either a Chinese or Japanese track within the East Asia Major. | |
| ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | | | |
| Second Language (must be Chinese, Japanese or Korean) | 5 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| HST/REL 111: Introduction to Asia or HST/REL194: Introduction to Asia | 3 | | | Grade of C | East Asia students must follow either a Chinese or Japanese track within the East Asia Major. | |
| East Asia Elective (China, Japan or Korea) – see list below | 3 | | | Grade of C | Complete First-Year Composition requirement. Complete Mathematical Studies (MA) | |
| Second Language (must be Chinese, Japanese or Korean) | 5 | | | Grade of C in 202 | requirement. | |
| Literacy & Critical Inquiry (L) | 3 | | | | | |
| Elective | 1 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | | İ | Contact C | • Foot Asia students must full an ithm - Chinasa | |
| Outside East Asia Course (South or Southeast Asia) – see list below | 3 | | | Grade of C | East Asia students must follow either a Chinese or Japanese track within the East Asia Major. | |
| East Asia Concentration Track (Chinese or Japanese) – see list below | 3 | | | Grade of C | See advisor for proscribed list of applicable courses. | |
| Second Language (must be Chinese, Japanese or Korean) | 5 | | | Grade of C in 202 | | |
| Natural Science – Quantitative (SQ) | 4 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | 1 | | | |
| East Asia Concentration Track (Chinese or Japanese) – see list below | 3 | | | Grade of C | East Asia students must follow either a Chinese or Japanese track within the East Asia Major. | |
| East Asia Elective (China, Japan or Korea) – see list below Outside East Asia Course (South or Southeast Asia) – see list below | 3 | | | Grade of C Grade of C | See advisor for proscribed list of applicable | |
| Computer/Statistics/Quantitative (CS) | 3 | | | Grade of C | courses. | |
| Upper division Elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | | |
| East Asia Elective (China, Japan or Korea) – see list below | 3 | \boxtimes | | Grade of C | East Asia students must follow either a Chinese | |
| East Asia Concentration Track (Chinese or Japanese) – see list below | 3 | \boxtimes | | Grade of C | or Japanese track within the East Asia Major. | |
| Cultural Diversity in the US (C) | 3 | | | | See advisor for proscribed list of applicable courses. | |
| Upper division elective | 3 | \boxtimes | | | courses. | |
| Upper division elective | 3 | \boxtimes | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| Outside East Asia Course (South or Southeast Asia) – see list below | 3 | \boxtimes | | Grade of C | East Asia students must follow either a Chinese | |
| East Asia Concentration Track (Chinese or Japanese) – see list below | 3 | \boxtimes | | Grade of C | or Japanese track within the East Asia Major. See advisor for proscribed list of applicable | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | courses. | |
| Upper division Literacy & Critical Inquiry (L) | 3 | × | | Grade of C | | |
| Upper division elective | 3 | \boxtimes | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| HST 496: Asia Studies Capstone | 3 | | | Grade of C | East Asia students must follow either a Chinese or Japanese track within the East Asia Major. | |
| East Asia Concentration Track (Chinese or Japanese) – see list below | 3 | | | Grade of C | See advisor for proscribed list of applicable | |
| Upper division elective | 3 | N D | | | courses. | |
| Upper division elective Elective | 3 | | | | | |
| Licente | , | | I | I | 1 | |



Major Map: Asia Studies (East Asia) -Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | | | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|---------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0 Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

The Asian Studies Major, East Asia concentration, requires 20 credits or their equivalent in an East Asian language (ordinarily CHI, JPN, or KOR) and 45 credits in content courses (of which at least 24 must be upper division credits, i.e., from courses numbered 300 or above), as follows. Consult with your advisor regarding final course selection.

CONCENTRATION TRACK - CHINESE OR JAPANESE (15 hours)

Chinese track: ARS 472: Art of China (HU) ARS 475: Chinese Painting (HU) CHI 205: Chinese Calligraphy CHI 321: Chinese Literature I (HU) CHI 322: Chinese Literature II (HU, G) CHI 345: Chinese Film and Civilization CHI 413: Introduction to Classical Chinese (HU) CHI 414: Introduction to Classical Chinese II (HU)

FLA 294: Introduction to Chinese Cinema FLA 420: Modern Chinese Literature in Translation (HU, G)

FLA 494: Traditional Chinese Fiction in Translation

GCU 432: Geography of China I (SB, G)

HPS 325: Chinese Science & Medicine (HU, G, H)

HST 383: China (SB, H)

HST 384: China (SB, H, G)

HST 385: Chinese Science & Medicine (HU, G, H) HST 386: Interpreting China's Classics (L/HU, H) HST 451: Chinese Cultural History I (SB, H) HST 452: Chinese Cultural History II (SB, H, G) HST 453: The People's Republic of China (SB, H, G) HST 494: Historiography of China

POS 451: China, Japan and Korea (SB, G)

POS 452: China (SB, G)

REL 343: Daoism (L/HU, H. G) REL 346: Chinese Religions SGS 494: China and Globalization

Japanese track:

ARS 473: Art of Japan (HU)

FLA 421: Japanese Literature in Translation (L/HU, G)

FMS 394: History of Anime

HST 108: Introduction to Japan (SB, G, H)

HST 387: Japan I (L/SB, H) HST 388: Japan II (SB, H, G)

HST 389: Japanese Society and Values: Pre-modern

HST 455: The United States and Japan (SB, H, G)

JPN 206: Calligraphy

JPN 321: Japanese Literature

JPN 414: Introduction to Classical Japanese

JPN 435: Advanced Readings

JPN 485: Problems of Translation POS 451: China, Japan and Korea (SB, G)

REL 344: Religion and Values in Japanese Life (HU, G)

REL 355: Japanese Cities & Cultures to 1800 (L/HU, H)

REL 444: Religion in Japan

REL 494: Hiroshima: History and Memory

EAST ASIAN ELECTIVES (9 hours) ARS 494: Buddhist Art Across Asia

KOR 250: Korean Culture and Society

KOR 347: Korean Film and Literature

KOR 350: Women of Korea

REL 394: Folk Religion in Korea

ARS 201: Art of Asia (HU, G, H)

GCU 326: Geography of Asia (SB, G)

HST 106: Asian Civilizations I (SB/HU, G, H) HST 107: Asian Civilizations II (SB, G, H)

HST 201: Historical Themes in Asia (SB, H)

HST 303: Women in Asia (SB, H)

ARS 394: Art of India and South Asia ARS 494: Buddhist Art Across Asia

ASB 325: Peoples of Southeast Asia

ECN 436: International Trade Theory

DAN 194: Dances of India

(winter term in India)

ARS 494/ENG 465/FMS 494: South Asian Film

ECN 394: South Asia and the World Economy

GRA 494: Cultural, Social and Commercial Issues

FLA 294/420: Southeast Asian Literature in

GCU 433: Geography of Southeast Asia

HST 310: Film as History (HU)

PAN/ACROSS ASIAN COURSES (6 hours):

POS 445: Asian Political Thought (SB, G)

POS 468: Comparative Asian Foreign Policy (SB, G)

PUP 494: International City Design

REL 345: Asian Religious Traditions (HU, G)

REL 350: Hinduism (L/HU, G)

REL 351: Buddhism (L/HU, G)

OUTSIDE EAST ASIA (9 hours)

HST/REL/ASB/GCU/POS/SGS 240: Intro to SEA

HST 303: History of Modern South Asia OR POS 357:

South Asian Politics

HST 391: Modern Southeast Asia

HST 456: Vietnam War

JUS 394: Information Tech. & Social Justice-beyond

First World Discourse

MHL 140: Music as Culture (for music majors only)

MUP 387: Gamelan

POS 358/360: Southeast Asia/Politics of Southeast

POS 468: Comparative Asian Foreign Policies

REL 294: Southeast Asia Global Crossroads

REL 347: Religions of Southeast Asia

REL/SGS 294: Intro to South Asia

REL 350: Hinduism

REL 352: Modern Buddhism REL 356: Buddhism in America

REL 357: Buddhism in Southeast Asia

REL/HST 365: Islamic Civilization

REL 394: Religions of India

REL 394: Women and Goddesses in India

SGS 394: Global Urban Systems

Translation



Major Map: Asia Studies (South Asia) – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Trai | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|---------------|---------------------------|--|
| Course Subject and Title | 11 | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| Pan Asia Course [Recommend HST 106 (HU or SB, G, H) or HST 107 (SB, G, H)] – see list below | 3 | | | Grade of C | All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First-Year |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Seminar The sequence of required and elective courses will vary with each student according to |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | individual choices and the yearly schedule of |
| Second Language (must be Hindi) | 4 | | | Grade of C | classes. HST 496, the capstone course must be taken in the final year |
| Academic Success Class or First Year Seminar | 1 | | | | taken in the imai year |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Pan Asia Course [Recommend ARS 201 (HU, G, H) or HST 201 (SB, H)] – see list below | 3 | | | Grade of C | |
| ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Second Language (must be Hindi) | 4 | | | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS HST/REL 111: Introduction to Asia or HST/REL194: Introduction to Asia | 3 | | | Grade of C | Complete First-Year Composition requirement. Complete Mathematical Studies (MA) |
| South Asia Elective (India, Pakistan, Nepal, Bhutan, Bangladesh) – see list below | 3 | | | Grade of C | requirement. |
| Second Language (must be Hindi) | 4 | | | Grade of C in 202 | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Elective | 2 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | | | G 1 60 | |
| Outside South Asia Course (East or Southeast Asia) – see list below | 3 | | | Grade of C | |
| South Asia Concentration – see list below | 3 | | | Grade of C | |
| Second Language (must be Hindi) | 4 | | | Grade of C in 202 | |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| South Asia Concentration – see list below South Asia Elective (India, Pakistan, Nepal, Bhutan, Bangladesh) – | 3 | | | Grade of C Grade of C | |
| see list below | 3 | | | Grade of C | |
| Outside South Asia Course (East or Southeast Asia) – see list below | 3 | | | Grade of C | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | | |
| Upper division Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | N N 2 | | G 1 60 | |
| South Asia Elective (India, Pakistan, Nepal, Bhutan, Bangladesh) – see list below | 3 | | | Grade of C | |
| South Asia Concentration – see list below | 3 | \boxtimes | | Grade of C | |
| Cultural Diversity in the US (C) | 3 | | | | |
| Upper division elective | 3 | | | | |
| Upper division elective | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 2 | M | | Condo of C | |
| Outside South Asia Course (East or Southeast Asia) – see list below South Asia Concentration – see list below | 3 | | | Grade of C Grade of C | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | Grade of C | |
| Upper division Literacy & Critical Inquiry (L) | 3 | | | Grade of C | 1 |
| Upper division elective | 3 | | | Grade of C | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| HST 496: Asia Studies Capstone | 3 | \boxtimes | | Grade of C | |
| South Asia Concentration – see list below | 3 | ⊠ | | Grade of C | |
| Upper division elective | 3 | ⊠ | | | |
| Upper division elective | 3 | | | | |
| Elective | 3 | | | | |



Major Map: Asia Studies (South Asia) -Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

The Asian Studies Major, South Asia Track, requires 20 credits or their equivalent in a South Asian language (ordinarily HIN)* and 45 credits in content courses (of which at least 24 must be upper division credits, i.e., from courses numbered 300 or above), as follows. Consult with your advisor regarding final course selection.

SOUTH ASIA CONCENTRATION (15 hours):

REL/SGS 294: Intro to South Asia (REQUIRED)

REL 394: Religions of India

REL 394: Women and Goddesses in India

REL 350: Hinduism

ARS 394: Art of India and South Asia

ECN 394: South Asia and the World Economy

HST 303: History of Modern South Asia

OR

POS 357: South Asian Politics

SOUTH ASIA ELECTIVES (9 hours):

JUS 394: Information Technology and Social Justice - beyond First World Discourse

MHL 140: Music as Culture (for music majors only) POS 360: The International Politics of the Asia-Pacific POS468: Comparative Asian Foreign Policies REL/HST 365: Islamic Civilization

ARS 494/ENG 465/FMS 494: South Asian Film ARS 494: Buddhist Art Across Asia

ECN 436: International Trade Theory

DAN 194: Dances of India

ARS 201: Art of Asia

GRA 494: Commercial & Social Issues (winter term in India)

GRA 494: Cultural, Social and Commercial Issues (winter term in India)

PAN/ACROSS ASIAN COURSES (6 hours):

POS 445: Asian Political Thought

HST 106: Asian Civilizations I (SB/HU, G, H) POS 468: Comparative Asian Foreign Policy

HST 107: Asian Civilizations II (SB, G, H) GCU 326: Geography of Asia HST 201: Historical Themes in Asia PUP 494: International City Design

HST 303: Women in Asia REL 345: Asian Religious Traditions

HST 310: Film as History REL 351: Buddhism

OUTSIDE SOUTH ASIA (9 hours): FMS 394: History of Anime ARS 472: Art of China (HU)

HST 456: Vietnam War GCU 432: Geography of China I (SB, G) HST 494: Historiography of China ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU) GCU 433: Geography of Southeast Asia JPN 206: Calligraphy HPS 325: Chinese Science & Medicine (HU, G, H) ARS 494: Buddhist Art Across Asia JPN 321: Japanese Literature

ASB 325: Peoples of Southeast Asia HST 108: Introduction to Japan (SB, G, H) JPN 414: Introduction to Classical Japanese

CHI 205: Chinese Calligraphy HST/REL/ASB/GCU/POS/SGS 240: Intro to SEA JPN 435: Advanced Readings CHI 321: Chinese Literature I (HU) HST 383: China (SB, H) JPN 485: Problems of Translation

CHI 322: Chinese Literature II (HÚ, G) HST 384: China (SB, H, G) JUS 394: Information Technology and Social Justicebeyond First World Discourse CHI 345: Chinese Film and Civilization HST 385: Chinese Science & Medicine (HU, G, H)

CHI 413: Introduction to Classical Chinese (HU) HST 386: Interpreting China's Classics (L/HU, H) KOR 250: Korean Culture and Society CHI 414: Introduction to Classical Chinese II (HU) HST 387: Japan I (L/SB, H) KOR 347: Korean Film and Literature

FLA 294: Introduction to Chinese Cinema HST 388: Japan II (SB, H, G) KOR 350: Women of Korea FLA 294/420: Southeast Asian Literature in HST 389: Japanese Society and Values: Pre-modern MUP 387: Gamelan

Translation HST 391: Modern Southeast Asia REL 294: Southeast Asia Global Crossroads FLA 420: Modern Chinese Literature in Translation HST 451: Chinese Cultural History I (SB, H) REL 343: Daoism (L/HU, H, G)

HST 452: Chinese Cultural History II (SB, H, G) REL 344: Religion and Values in Japanese Life (HU, (HU, G) FLA 421: Japanese Literature in Translation (L/HU, G) HST 453: The People's Republic of China (SB, H, G) FLA 494: Traditional Chinese Fiction in Translation HST 455: The United States and Japan (SB, H, G) REL 346: Chinese Religions

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Major Map: Asia Studies (Southeast Asia) – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | □ MAPP □ | ISTER Pathway: FAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|--------------|----------------------------------|--|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| Pan Asia Course [Recommend HST 106 (HU or SB, G, H) or HST 107 (SB, G, H)] – see list below | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course All freshmen are required to pass an academic success class |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | and therefore must enroll in an Academic Success Cluster and/or a First-Year Seminar |
| Second Language (must be Vietnamese, Thai, or Indonesian) | 5 | | | Grade of C in 202 | The sequence of required and elective courses will vary with each student according to individual choices and the yearly schedule of classes. HST 496, the capstone course must be |
| Academic Success Class or First Year Seminar | 1 | | | | taken in the final year |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Pan Asia Course [Recommend ARS 201 (HU, G, H) or HST 201 (SB, H)] – see list below | 3 | | | Grade of C | |
| ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | | |
| Second Language (must be Vietnamese, Thai, or Indonesian) | 5 | | | Grade of C in 202 | |
| TERM THREE: 31-45 CREDIT HOURS | 2 | | ı | Condo of C | • Complete First Very Composition and an incomp |
| HST/REL 111: Introduction to Asia or HST/REL194: Introduction to Asia | 3 | | | Grade of C | Complete First-Year Composition requirement.Complete Mathematical Studies (MA) |
| Southeast Asia Elective (Thailand, Malaysia, Indonesia, Philippines, Cambodia, Vietnam, Laos, Singapore, Burma) – see list below | 3 | | | Grade of C | requirement. |
| Second Language (must be Vietnamese, Thai, Indonesian) | 5 | | | Grade of C in 202 | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Elective | 1 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS Outside Southeast Asia Course (South or East Asia) – see list below | 3 | | | Grade of C | |
| Southeast Asia Concentration – see list below | 3 | | | Grade of C | |
| Second Language (must be Vietnamese, Thai, or Indonesian) | 5 | | | Grade of C in 202 | |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | N7 | ı | 0 1 60 | |
| Southeast Asia Concentration (G) – see list below Southeast Asia Elective (Thailand, Malaysia, Indonesia, Philippines, | 3 | | | Grade of C Grade of C | |
| Cambodia, Vietnam, Laos, Singapore, Burma) – see list below | , | | | Grade of C | |
| Outside Southeast Asia Course (South or East Asia) – see list below | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative (CS) | 3 | | | | |
| Humanities, Fine Arts, and Design (HU) TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| Southeast Asia Elective (Thailand, Malaysia, Indonesia, Philippines, | 3 | \boxtimes | | Grade of C | |
| Cambodia, Vietnam, Laos, Singapore, Burma) – see list below | , | | | Grade of C | |
| Southeast Asia Concentration – see list below | 3 | | | Grade of C | |
| Cultural Diversity in the US (C) | 3 | | | | |
| Upper division Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB) | 3 | | | | |
| Upper division elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Outside Southeast Asia Course (South or East Asia) – see list below | 3 | | | Grade of C | |
| Southeast Asia Concentration – see list below | 3 | | | Grade of C | |
| Upper division Elective | 3 | | | | |
| Upper division Literacy & Critical Inquiry (L) | 3 | | | | |
| Upper division elective | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS HST 496: Asia Studies Capstone | 3 | \boxtimes | | Grade of C | |
| Southeast Asia Concentration – see list below | 3 | | | Grade of C | |
| Upper division elective | 3 | | | Stude of C | |
| Upper division elective | 3 | ⊠ | | | |
| Elective | 3 | | | | |



Major Map: Asia Studies (Southeast Asia) -Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA Total Hrs at ASU Res | | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|-------------------------------------|---------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| | | l | l | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

The Asia Studies Major, Southeast Asia concentration, requires 20 credits or their equivalent in a Southeast Asian language (ordinarily VTN, THAI, or IND) and 39 credits in content courses (of which at least 24 must be upper division credits, i.e., from courses numbered 300 or above), as follows. Consult with your advisor regarding final course selection.

SOUTHEAST ASIA CONCENTRATION (15 hours):

HST/REL/ASB/GCU/POS/SGS 240: Intro to SEA (HU or SB, G) (REQUIRED)

ASB 325: Peoples of Southeast Asia (G) (REQUIRED) REL 347: Religions of Southeast Asia (REOUIRED)

HST 391: Modern Southeast Asia (SB, G, H) (REQUIRED) POS 358: Southeast Asia (SB, G) (1 OF THE 2 ARE REQUIRED)

SGS 394: Global Urban Systems (1 OF THE 2 ARE REQUIRED)

SOUTHEAST ASIA ELECTIVE COURSES (9 Hours)

ARS 494: Buddhist Art Across Asia POS 360: The International Politics of the Asia-Pacific

FLA 294/420: Southeast Asian Literature in Translation POS 468: Comparative Asian Foreign Policies GCU 433: Geography of Southeast Asia REL 294: Southeast Asia Global Crossroads

HST 456: Vietnam War (SB, G, H) REL 357: Buddhism in Southeast Asia JUS 394: Information Technology and Social Justice—beyond First World Discourse REL 352: Modern Buddhism

MUP 387: Gamelan REL 356: Buddhism in America

PAN/ACROSS ASIAN COURSES (6 hours)

GCU 326: Geography of Asia POS 445: Asian Political Thought

ARS 201: Art of Asia POS 468: Comparative Asian Foreign Policy

HST 106/107: Asian Civilizations PUP 494: International City Design

HST 201: Historical Themes in Asia REL 345: Asian Religious Traditions

HST 303: Women in Asia REL 350: Hinduism HST 310: Film as History REL 351: Buddhism

OUTSIDE SOUTHEAST ASIA (9 hours) ARS 394: Art of India and South Asia GRA 494: Cultural, Social and Commercial Issues

JUS 394: Information Technology and Social Justice -ARS 494: Buddhist Art Across Asia (winter term in India) beyond First World Discourse

ARS 494/ENG 465/FMS 494: South Asian Film KOR 250: Korean Culture and Society HPS 325: Chinese Science & Medicine (HU, G, H)

KOR 347: Korean Film and Literature ARS 494: Buddhist Art Across Asia HST 108: Introduction to Japan (SB, G, H) KOR 350: Women of Korea ARS 473: Art of Japan (HU) HST 303: History of Modern South Asia

ARS 472: Art of China (HU) OR MHL 140: Music as Culture (for music majors only)

POS 357: South Asian Politics ARS 475: Chinese Painting (HU) POS 360: The International Politics of the Asia-Pacific CHI 205: Chinese Calligraphy HST 383: China (SB, H) POS 451: China, Japan and Korea (SB, G)

CHI 321: Chinese Literature I (HU) HST 384: China (SB, H, G) POS 452: China (SB, G)

CHI 322: Chinese Literature II (HU, G) HST 385: Chinese Science & Medicine (HU, G, H) POS468: Comparative Asian Foreign Policies CHI 345: Chinese Film and Civilization HST 386: Interpreting China's Classics (L/HU, H) REL 343: Daoism (L/HU, H, G)

CHI 413: Introduction to Classical Chinese (HU) HST 387: Japan I (L/SB, H) REL 346: Chinese Religions CHI 414: Introduction to Classical Chinese II (HU) HST 388: Japan II (SB, H, G) REL 344: Religion and Values in Japanese Life (HU,

DAN 194: Dances of India HST 389: Japanese Society and Values: Pre-modern HST 451: Chinese Cultural History I (SB, H) ECN 394: South Asia and the World Economy REL 355: Japanese Cities & Cultures to 1800 (L/HU,

ECN 436: International Trade Theory HST 452: Chinese Cultural History II (SB, H, G)

HST 453: The People's Republic of China (SB, H, G) FLA 294: Introduction to Chinese Cinema REL/HST 365: Islamic Civilization REL 444: Religion in Japan FLA 420: Modern Chinese Lit. in Translation (HU, G)

HST 455: The United States and Japan (SB, H, G) HST 494: Historiography of China FLA 421: Japanese Literature in Translation (L/HU, G) REL 494: Hiroshima: History and Memory JPN 206: Calligraphy FLA 494: Traditional Chinese Fiction in Translation REL 394: Folk Religion in Korea

FMS 394: History of Anime JPN 321: Japanese Literature REL/SGS 294: Intro to South Asia REL 394: Religions of India GCU 432: Geography of China I (SB, G) JPN 414: Introduction to Classical Japanese

REL 394: Women and Goddesses in India GRA 494: Commercial & Social Issues (winter term in JPN 435: Advanced Readings

REL 350: Hinduism India) JPN 485: Problems of Translation SGS 494: China and Globalization



Major Map: Asian Languages – Chinese – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|--|--------------------------|---------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | · |
| CHI 101: First- Year Chinese I (or higher level CHI course | 5 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| depending on placement) | | | | | determines placement into first-year |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | 3 | | | Grade of C | composition courses. • ASU Math Placement Exam score |
| ENG 103. Advanced First-1 can Composition of ENG 107 or 108: English for Foreign Students | | | | | determines placement in Mathematics course |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | Minimum 2.33 GPA required in all critical |
| Social and Behavioral Sciences (SB) | 3 | | | | courses. |
| Academic Success Class or First Year Seminar | 1 | | | | All freshmen must pass an academic success course and therefore must enroll in an |
| Academic Success Class of First Year Seminar | 1 | | | | Academic Success Cluster and/or First Year Seminar. |
| TERM TWO: 16-30 CREDIT HOURS | | | , | | |
| CHI 102: First- Year Chinese II (or higher) | 5 | | | Grade of C | Minimum 2.33 GPA required in all critical |
| ENG 101 or 102: First-Year Composition or | | | | | courses. |
| ENG 105: Advanced First-Year Composition or | | | | 0 1 60 | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | - |
| Computer/Statistics/Quantitative applications (CS): | 3 | | | | _ |
| CHI 194: Chinese Culture: An Introduction | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | 1 | | | |
| CHI 201: Second- Year Chinese I (or higher) (G) | 5 | | | Grade of C | Minimum 2.33 GPA required in all critical courses. |
| Complete one course from: | | | | | Complete First-Year Composition |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory (G) | 3 | | | Grade of C | requirement: ENG 101 & 102 OR ENG 107 |
| Natural Science-Quantitative (SQ) | 4 | | | Grade of C | & 108 or 105. |
| Literacy (L) | 3 | | | | Complete Mathematical Studies (MA). |
| * ` / | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS CHI 202: Second- Year Chinese II (or higher) (G) | 5 | | | Grade of C | Minimum 2.33 GPA required in all critical |
| Complete remaining course from: | 3 | | | Grade of C | courses. |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory | | | | Grade of C | |
| Natural Science-Quantitative or General (SQ/SG) | 4 | | | | 1 |
| Cultural Diversity in the US (C) (APA 200: Introduction to Asian Pacific American Studies (HU or SB) & C recommended if not already | 3 | | | | |
| completed) | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| CHI 301: Third- Year Chinese I (G) | 5 | | | Grade of C | Minimum grade of "C" in all CHI, SLC and |
| CHI 321: Chinese Literature (HU) OR CHI 322: Chinese Literature (HU, G) OR | 3 | \boxtimes | | Grade of C | East-Asian Related Fields courses. Enroll in "IPO" Study Abroad Program credits or listed courses. |
| SLC 420: Foreign Literature in Translation (HU, G) JPN/KOR Related Field (course list in DARS) | 3 | | | Grade of C | SLC 420 topic must pertain to Chinese |
| , | | | | Grade of C | literature. |
| Social and Behavioral Sciences (SB) (APA 200: Introduction to Asian Pacific American Studies (HU or SB) & C recommended) or if completed, take Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| CHI 302: Third- Year Chinese II (G) | 5 | \boxtimes | | Grade of C | Minimum grade of "C" in all CHI, SLC and |
| CHI 321: Chinese Literature (HU) OR | | | | | East-Asian Related Fields courses. |
| CHI 322: Chinese Literature (HU, G) OR | | _ | | | Enroll in "IPO" Study Abroad Program credits or listed courses. |
| SLC 420: Foreign Literature in Translation (HU, G) | 3 | | | Grade of C | SLC 420 topic must pertain to Chinese |
| Historical overview of China course (course list in DARS) | 3 | | | Grade of C | literature. |
| JPN/KOR Related Field (course list in DARS) | 3 | | | Grade of C | |
| Historical Awareness (H) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| CHI 307: Introduction to Literary Chinese II (HU) | 3 | \boxtimes | | Grade of C | Minimum grade of "C" in all CHI, SLC and |
| CHI Upper Division Elective | 3 | | | Grade of C | East-Asian Related Fields courses. |
| Upper Division East-Asian Related Field | 3 | \boxtimes | | Grade of C | Enroll in "IPO" Study Abroad Program credits or listed courses. |
| Upper Division Literacy | 3 | \boxtimes | | | 1 |
| Upper Division Elective | 3 | | | | 1 |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | <u> </u> | <u></u> |
| | 3 | \boxtimes | | Grada of C | Minimum grade of "C" in all CHI, SLC and |
| CHI 308: Introduction to Classical Chinese (HU) | | | + | Grade of C | East-Asian Related Fields courses. |
| SLC 400-level course | 3 | | | Grade of C | Enroll in "IPO" Study Abroad Program |
| Upper Division East-Asian Related Field (course list in DARS) | 3 | | | Grade of C | credits or listed courses. |
| Upper Division Elective | 3 | \boxtimes | 1 | I | |



Major Map: Asian Languages – Chinese – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Upper Division Elective | 2 | \boxtimes | | | |
|-------------------------|---|-------------|--|--|--|
|-------------------------|---|-------------|--|--|--|

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|-------------------------------|-----------------------------------|--|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all CHI, SLC, JPN/KOR, and East-Asian Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs.

Chinese is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Chinese. CHI 101, 102, 201 or 202 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.

A Chinese Flagship Track is for advanced Mandarin learners, mostly double majors, who are committed to a rigorous program that includes special sections of courses in various disciplines taught in Chinese. Please see an academic advisor for more information.



Major Map: Asian Languages – Japanese – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|-------------|--|------------------|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS JPN 101: First-Year Japanese I (or higher level JPN course | | | | | An SAT, ACT, Accuplacer, or TOEFL score | |
| depending on placement) | 5 | | | Grade of C | determines placement into first-year | |
| ENG 101 and 102: First-Year Composition OR | | | | | composition courses ASU Math Placement Exam score determines | |
| ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course | |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | Minimum 2.33 GPA required in all critical | |
| Social and Behavioral Sciences (SB) | | | | Grade of C | courses. All freshmen are required to pass an academic. | |
| | 3 | | | | All freshmen are required to pass an academic success class and therefore must enroll in an | |
| Academic Success Class or First Year Seminar | 1 | | | | Academic Success Cluster and/or a First Year Seminar | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| JPN 102: First-Year Japanese II (or higher) | 5 | | | Grade of C | Minimum 2.33 GPA required in all critical | |
| ENG 101 and 102: First-Year Composition OR | 2 |] | | 0 1 60 | courses. | |
| ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | | |
| Social and Behavioral Sciences (SB) | 3 | | | | | |
| Elective (recommend *JPN 206: Calligraphy) | 1 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS | 1 | | | Grade or C | | |
| JPN 201: Second-Year Japanese I (or higher) (G) | 5 | | | Grade of C | Minimum 2.33 GPA required in all critical | |
| Complete one course from: | | | | Glade of C | courses. | |
| SLC 201: Introduction to Linguistics (HU or SB) OR | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & | |
| SLC 202: Introduction to Literary and Cultural Theory | | | | | 108 or 105 | |
| Natural Science-Quantitative (SQ) | 4 | | | | Complete Mathematical Studies (MA) | |
| Humanities/Fine Arts/Design (HU) and Awareness Area (C) | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | Minimum 2.22 CDA required in all oritical | |
| JPN 202: Second-Year Japanese II (or higher) (G) | 5 | | | Grade of C | Minimum 2.33 GPA required in all critical courses. | |
| Complete one course from: SLC 201: Introduction to Linguistics (HU or SB) OR | 3 | | | Grade of C | | |
| SLC 202: Introduction to Literary and Cultural Theory | | | | | | |
| Natural Science-Quantitative or General (SQ/SG) | 4 | | | | | |
| Literacy (L) | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| JPN 301: Third-Year Japanese I (G) | 3 | \boxtimes | | Grade of C | Enroll in "IPO" Study Abroad Program credits | |
| JPN 3** | 3 | | | Grade of C | or listed courses Minimum grade of "C" in all JPN, SLC and | |
| SLC 421: Japanese Literature in Translation (L or HU, G) | 3 | | | Grade of C | East-Asian Related Fields courses. | |
| CHI/KOR Related Field | 3 | | | Grade of C | | |
| Elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| JPN 302: Third-Year Japanese II (G) | 3 | \boxtimes | | Grade of C | Enroll in "IPO" Study Abroad Program credits or listed courses | |
| JPN 3** | 3 | \boxtimes | | Grade of C | Minimum grade of "C" in all JPN, SLC and | |
| CHI/KOR Related Field | 3 | | | Grade of C | East-Asian Related Fields courses. | |
| Historical overview of Japan (ARS 473: Art of Japan (HU), HST 303: Studies in Asian History (SB & H), HST 387: Japan (L or SB) & (H), | | | | | | |
| HST 388: Japan (SB & G & H), REL 355: Japanese Cities and Cultures | 3 | \boxtimes | | | | |
| to 1800 (HU & H) or REL 444: Religion in Japan (HU,H,G) | | | | | | |
| Elective | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| JPN 401: Reading Modern Japanese Texts I (L or HU) & (G) | 3 | \boxtimes | | Grade of C | Enroll in "IPO" Study Abroad Program credits or listed courses Minimum grade of "C" in all JPN, SLC and East-Asian Related Fields courses. | |
| JPN 414: Introduction to Classical Japanese | 3 | \boxtimes | | Grade of C | | |
| East-Asian Related Field (list in DARS) | 3 | | | Grade of C | | |
| Upper Division Elective | 3 | \boxtimes | | | | |
| Humanities/Fine Arts/Design (HU) | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| JPN 4** | 3 | \boxtimes | | Grade of C | Enroll in "IPO" Study Abroad Program credits | |
| SLC 400-level course | 3 | \boxtimes | | Grade of C | or listed courses Minimum grade of "C" in all JPN, SLC and | |
| East-Asian Related Field | 3 | | | Grade of C | East-Asian Related Fields courses. | |
| Upper Division Humanities, Fine Arts & Design (HU) or if completed, | | 1 | | | | |
| Upper division Elective | 3 | | | <u> </u> | | |
| Upper Division Elective | 3 | \boxtimes | İ | | | |



Major Map: Asian Languages – Japanese – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all JPN, SLC, CHI/KOR and East-Asian Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs

Japanese is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Japanese. JPN 101, 102, 201 or 202 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Asian Pacific American Studies – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|----------|-------------|---------------|----------------------------------|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| APA 200: Introduction to Asian Pacific American Studies (HU or SB) & (C) | 3 | | | Grade of C | SAT or ACT (or TOEFL) score determines placement in first year composition course. | |
| Academic Success Class or First Year Seminar (recommend APA 191) | 1 | | | | ASU Math Placement Exam score determines placement in Mathematics course | |
| ENG 101 or 102: First-Year Composition or ENG 105:Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year | |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | Seminar | |
| Second Language | 4 | | | Grade of C | Complete First-Year Composition requirement by the end of semester 3 Complete MAT requirement, MAT 142 or higher, by end of semester 3 | |
| TERM TWO: 16-30 CREDIT HOURS | | | | 1 | | |
| ENG 101 or 102: First-Year Composition or ENG 105:Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Complete composition requirement by the end of semester 3. Complete MAT requirement, MAT 142 or | |
| Second Language | 4 | | | Grade of C | higher, by end of semester 3. | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | Selection of SB or HU courses will be | |
| Social Behavioral Sciences (SB) or Humanities, Fine Arts, and Design (HU) or Awareness Area - Global (G) or Historical (H) | 3 | | | | determined by general studies designation selected for APA 200 and APA 360. | |
| General Elective | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | 1 | | |
| APA elective | 3 | | | Grade of C | Complete composition requirement by the end of semester 3. | |
| Second Language | 4 | | | Grade of C | Complete MAT requirement, MAT 142 or | |
| Natural Science – Quantitative or General (SQ/SG) | 3 | | | | higher, by end of semester 3. | |
| Literacy and Critical Inquiry (L) Social Behavioral Sciences (SB) or Humanities, Fine Arts, and | | | | | Selection of SB or HU courses will be determined by general studies designation | |
| Design (HU) or Awareness Area - Global (G) or Historical (H) | 3 | | | | selected for APA 200 and APA 360. | |
| TERM FOUR: 46-60 CREDIT HOURS APA 360: Asian Pacific American Experience (HU or SB) & (C) | 3 | \boxtimes | | Grade of C | Selection of SB or HU courses will be | |
| Upper Division APA elective | 3 | | | Grade of C | determined by general studies designation | |
| Second Language | 4 | | | Grade of C | selected for APA 200 and APA 360. | |
| Natural Science – Quantitative (SQ) | 4 | | | | | |
| Social Behavioral Sciences (SB) or Humanities, Fine Arts, and Design (HU) | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| APA 450: Asian Pacific American Contemporary Issues (SB, C) OR APA 484: Internship | 3 | | | Grade of C | APA 450 must be completed before enrollment in APA 499 in term 8. | |
| Upper Division APA elective | 3 | \boxtimes | | Grade of C | | |
| Related Area Elective | 3 | | | Grade of C | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | | | - | |
| General Elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS Complete remaining course: APA 450: Asian Pacific American Contemporary Issues (SB, C) OR APA 484: Internship | 3 | | | Grade of C | APA 450 must be completed before enrollment in APA 499 in term 8. | |
| Upper Division APA elective | 3 | \boxtimes | | Grade of C | 1 | |
| Related Area Elective | 3 | | | Grade of C | | |
| General Elective | 3 | | | | | |
| General Elective | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| Upper Division APA elective | 3 | | | Grade of C | | |
| Upper Division Related Area Elective | 3 | | | Grade of C | | |
| Upper Division Related Area Elective | 3 | | | Grade of C | - | |
| Upper Division General Elective General Elective | 2 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | <i>L</i> | | | | | |
| APA 499: Individualized Instruction | 3 | \boxtimes | | Grade of C | APA 499: Individualized Instruction is a capstone | |
| Upper Division Related Area Elective | 3 | | | Grade of C | research project determined in consultation with | |
| Upper Division General Elective | 3 | ⊠ | | | faculty advisor and required by end of semester 8. | |
| Upper Division General Elective | 3 | \boxtimes | | | 1 | |



Major Map: Asian Pacific American Studies – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, minor, or certificate.



Major Map: Biochemistry – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2010-2011

| | | | | ISIET Pathway: FAG □ATP □None | □ Completed General Education: □ AGEC □ IGETC/CSUGE □ None |
|---|------|-------------|--------------|----------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| CHM 113: General Chemistry I (SQ) ENG 101 or 102: First-Year Composition OR | 4 | | | Grade of C | determines placement into first-year |
| ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | composition courses |
| ENG 107 or 108: English for Foreign Students | | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| MAT 251: Calculus for Life Science (MA) | 3 | | | Grade of C | Consult an academic advisor for Learning |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | Community, Academic Success Clusters and |
| (c), Global Tivaleness (d) GR Thistorieal Tivaleness (11) | | | | | First Year Seminar options All freshmen must pass an academic success |
| Academic Success Class or First Year Seminar | 1 | | | | class and therefore must enroll in an Academic |
| | | | | | Success Cluster and/or a First Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS Complete one course from: | | | | | |
| BIO 181 General Biology I (formerly BIO 188) (SQ) | 4 | | | Grade of C | |
| BIO 182 General Biology II (formerly BIO 187) (SG) | | | | | |
| CHM 116: General Chemistry II (SQ) | 4 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | |
| ENG 103. Advanced First-Tear Composition OR ENG 107 or 108: English for Foreign Students | , | | | Glade of C | |
| Second language | 4 | | | Grade of C in 202 | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete remaining course from: | | | | 0 1 60 | First-Year Composition completed by the end of |
| BIO 181: General Biology I (formerly BIO 188) (SQ) BIO 182: General Biology II (formerly BIO 187) (SG) | 4 | | | Grade of C | semester 3 The following courses completed by end of |
| CHM 233: General Organic Chemistry I | 3 | | | Grade of C | term 3: CHM 113, CHM 116, MAT 251, |
| CHM 237: General Organic Chemistry Laboratory I | 1 | | | Grade of C | PHY 101 or PHY 111. |
| PHY 101: Introduction to Physics (or PHY 111 & 113, if two | 4 | | | Grade of C | |
| semester sequence is preferred) | | | | | |
| Second Language if needed or elective | 4 | | | Grade of C in 202 | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | | | Contact C | Remaining courses completed by end of term |
| CHM 234: General Organic Chemistry II CHM 238: Organic Chemistry Laboratory for Majors II | 3 | | | Grade of C Grade of C | 4: CHM 233, CHM 237, BIO 181 or BIO 182. |
| Literacy and Critical Inquiry (L) | 3 | | | Grade of C | |
| Second Language if needed or elective | 4 | | | Grade of C in 202 | |
| | 4 or | | | Grade of C in PHY | |
| Elective (or PHY 112 & 114, if two semester sequence is preferred) | 3/1 | | | 112 & 114 | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| BCH 461: General Biochemistry | 3 | \boxtimes | | Grade of C | CHM 234 and CHM 341 are co- or pre- requisites for most advanced CHM and BCH |
| CHM 302: Environmental Chemistry OR CHM 325 Analytical Chemistry | 3 | \boxtimes | | Grade of C | courses. |
| CHM 341: Elementary Physical Chemistry | 3 | \boxtimes | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the | 3 | | | | |
| US (C), Global Awareness (G) OR Historical Awareness (H) | | | | | |
| Second Language if needed or elective | 4 | | | Grade of C in 202 | |
| TERM SIX: 76-90 CREDIT HOURS | | | | 0 1 10 | |
| BCH 462: General Biochemistry | 3 | | | Grade of C | |
| BCH 467: Analytical Biochemistry Laboratory (L) | 3 | ⊠ ⊠ | | Grade of C | |
| Biology Elective Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3-4 | | | Grade of C | |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| Elective | 2-3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper division BCH or CHM Elective | 3 | \boxtimes | | Grade of C | |
| Upper division Computer/Statistics/Quantitative Science (CS) | 3 | | | | |
| Upper division Humanities, Fine Arts & Design (HU) or | 3 | \boxtimes | | | |
| Social & Behavioral Science (SB) | 2 | | | | 1 |
| Upper division elective | 3 | | | | |
| Upper division elective | 3 | \boxtimes | |] | |



Major Map: Biochemistry – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences, Tempe Campus

Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper division BCH or CHM Elective | 3 | \boxtimes | | Grade of C | Elective vs. Upper division Elective is dependent |
| Humanities, Fine Arts & Design (HU) | 3 | | | | upon level of Organic Chemistry and Biology Electives. |
| Upper division elective | 3 | \boxtimes | | | Forty-five total units of upper division is required |
| Upper division elective | 3 | \boxtimes | | | for degree completion |
| Upper division elective | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|------------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - 0 Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Biochemistry - Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|-------------|-------------|--|---------------------------|---|--|
| Course Subject and Title | | Upper | Transfer | | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS CHM 117 & 111: General Chemistry for Majors I & Lab (SQ) or | 3/1 | | | | An SAT, ACT, Accuplacer, or TOEFL score | |
| CHM 113: General Chemistry I (SQ) | or 4 | | | Grade of C | determines placement into first-year | |
| ENG 101 or 102: First-Year Composition OR | | | | | composition courses | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course | |
| | | | | | Consult an academic advisor for Learning | |
| MAT 270: Calculus & Analytic Geometry I (MA) Social & Behavioral Science (SB) AND Cultural Awareness in the US | 4 | | | Grade of C | Community, Campus Match and First Year | |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | Seminar options • All freshmen must pass an academic success | |
| | | | | | class and therefore must enroll in an Academic | |
| Academic Success Class or First Year Seminar | 1 | | | | Success Cluster and/or a First Year Seminar. | |
| TERM TWO: 16-30 CREDIT HOURS Complete one course from: | | | | | | |
| BIO 181: General Biology I (SQ) | | | | | | |
| BIO 182: General Biology II (SG) | 4 | | | Grade of C | | |
| CHM 118 & 112: General Chemistry for Majors II & Lab (SQ) or CHM 116: General Chemistry II (SQ) | 3/1 or 4 | | | Grada of C | | |
| ENG 101 or 102: First-Year Composition OR | 01 4 | | | Grade of C | | |
| ENG 105: Advanced First-Year Composition OR | | _ | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS Complete remaining course from: | 4 | | ı | | First-Year Composition completed by the end of | |
| BIO 181: General Biology I (SQ) | 4 | | | | semester 3 | |
| BIO 182: General Biology II (SG) | | | | Grade of C | • The following courses completed by end of | |
| CHM 333: Organic Chemistry for Majors I or CHM 233: General Organic Chemistry I | 3 | | | Grade of C | term 3: CHM 113 (or 117 & 111), CHM 116 (or 118 & 112), MAT 270, PHY 111. | |
| CHM 337: Organic Chemistry for Majors I Laboratory or CHM 237: General Organic Chemistry Laboratory I | 1 | | | Grade of C | | |
| PHY 111: General Physics & PHY 113: Laboratory (SQ) | 3/1 | | | Grade of C | | |
| Elective | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| CHM 334: Organic Chemistry for Majors II or | |] | | | Remaining courses completed by end of term | |
| CHM 234: General Organic Chemistry II CHM 338: Organic Chemistry Laboratory for Majors II or | 3 | | | Grade of C | 4: CHM 233, CHM 237, BIO 181 or BIO 182, PHY 112. | |
| CHM 238: Organic Chemistry Laboratory for Majors II | 1 | | | Grade of C | 1111 112. | |
| PHY 112: General Physics & PHY 114: Laboratory | 3/1 | | | Grade of C | | |
| Literacy and Critical Inquiry (L) | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| BCH 461: General Biochemistry | 3 | | | Grade of C | CHM 234 and CHM 341 are co- or pre- requisites for most advanced CHM and BCH | |
| Biology Elective | 3-4 | \boxtimes | | Grade of C | courses. | |
| CHM 341: Elementary Physical Chemistry | 3 | \boxtimes | | Grade of C | | |
| Humanities, Fine Arts & Design (HU) Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3 | | | | | |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| BCH 462: General Biochemistry | 3 | \boxtimes | | Grade of C | | |
| BCH 463: Biophysical Chemistry | 3 | | | Grade of C | | |
| BCH 467: Analytical Biochemistry Laboratory (L) | 3 | \boxtimes | | Grade of C | | |
| Biology Elective | 3-4 | \boxtimes | | Grade of C | | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| Upper division CHM or BCH Elective | 3 | \boxtimes | | Grade of C | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the | , | | | | | |
| US (C), Global Awareness (G) OR Historical Awareness (H) Upper division CLAS Science and Society | 3 | | | Grade of C | | |
| Upper division CLAS Science and Society Upper division Humanities, Fine Arts & Design (HU) or | 3 | | | Grade of C | | |
| Social & Behavioral Science (SB) | 3 | \boxtimes | | | | |
| Upper division Elective | 3-4 | \square | | 1 | | |



Major Map: Biochemistry - Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|--|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Computer/Statistics/Quantitative Science (CS) | 3 | | | | Elective vs. Upper division Elective is dependent |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | upon level of Organic Chemistry and Biology Electives. |
| Elective | 3 | | | | Forty-five total units of upper division is required for degree completion |
| Upper division elective | 3 | \boxtimes | | | lor degree completion |
| Unner division elective | 0-4 | M | | | |

$Graduation \ Requirements \ Summary:$

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Biochemistry (Medicinal Chemistry) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Trans ☐ MAPP ☐ T | sfer Pathway: 'AG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|-------------|-------------------|----------------------------|---------------------------------|---|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS CHM 117 & 111: General Chemistry for Majors I & Lab (SQ) or CHM 113: General Chemistry I (SQ) | 3/1 or 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | courses • ASU Math Placement Exam score determines placement in Mathematics course | |
| MAT 270: Calculus & Analytic Geometry I (MA | 4 | | | Grade of C | Consult an academic advisor for Learning | |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3 | | | | Community, Academic Success Clusters and First Year Seminar options | |
| (C), Global Awareness (G) OR Historical Awareness (H) Academic Success Class or First Year Seminar | | | | | All freshmen must pass an academic success course and therefore must enroll in an Academic | |
| | 1 | | | | Success Cluster and/or a First Year Seminar | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| Complete one course from: BIO 181 General Biology I (formerly BIO 188) (SQ) OR BIO 182 General Biology II (formerly BIO 187) (SG) | 4 | | | Grade of C | | |
| CHM 118 & 112: General Chemistry for Majors II & Lab (SQ) or CHM 116: General Chemistry II (SQ) | 3/1 or 4 | | | Grade of C | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | | |
| ENG 107 or 108: English for Foreign Students MAT 271: Calculus with Analytic Geometry II | 4 | | | Grade of C | - | |
| TERM THREE: 31-45 CREDIT HOURS | 7 | | | Grade of C | | |
| Complete remaining course from: BIO 181 General Biology I (formerly BIO 188) (SQ) OR BIO 182 General Biology II (formerly BIO 187) (SG) | 4 | | | Grade of C | First Year Composition completed by the end of semester 3 The following courses completed by end of | |
| CHM 333: Organic Chemistry for Majors or CHM 233: General Organic Chemistry I | 3 | | | Grade of C | term 3: CHM 113 (or 117 & 111), CHM 116 (or 118 & 112), MAT 270, PHY 111. | |
| CHM 337: Organic Chemistry for Majors I Laboratory or CHM 237: General Organic Chemistry Laboratory I | 1 | | | Grade of C | | |
| PHY 111: General Physics & PHY 113: Laboratory | 3/1 | | | Grade of C |] | |
| Elective | 4 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| CHM 334: Organic Chemistry for Majors II or CHM 234: General Organic Chemistry II | 3 | | | Grade of C | Remaining courses completed by end of term CHM 233 (or 333), CHM 237 (or 337), BIO | |
| CHM 338: Organic Chemistry for Majors II Laboratory or CHM 238: Organic Chemistry Laboratory for Majors II | 1 | | | Grade of C | 181 or BIO 182, PHY 112. | |
| Literacy and Critical Inquiry (L) | 3 | | | | | |
| PHY 112: General Physics & PHY 114: Laboratory | 3/1 | | | Grade of C | | |
| Upper division elective | 3 | \boxtimes | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | CIBA224 ICIDA241 | |
| BCH 461: General Biochemistry | 3 | | | Grade of C | CHM 234 and CHM 341 are co- or pre-requisites for most advanced CHM and BCH courses. | |
| BIO 353: Cell Biology CHM 341: Elementary Physical Chemistry | 3 | | | Grade of C Grade of C | - | |
| CHM 343: Elementary Physical Chemistry Laboratory | 1 | | | Grade of C | 1 | |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3 | | | Grade of C | 1 | |
| (C), Global Awareness (G) OR Historical Awareness (H) | | | | | 4 | |
| Elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | Ø | | Grade of C | | |
| BCH 462: General Biochemistry BCH 463: Biophysical Chemistry | 3 | $oxed{\boxtimes}$ | | Grade of C | - | |
| BCH 467: Analytical Biochemistry Laboratory (L) | 3 | | | Grade of C | 1 | |
| Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the | 3 | | | Grade of C | 1 | |
| US (C), Global Awareness (G) OR Historical Awareness (H) | | | | | 4 | |
| Upper division CLAS Science and Society | 3 | | | Grade of C | | |
| TERM SEVEN: 91-105 CREDIT HOURS CHM 433: Advanced Organic Chemistry I | 3 | Ø | | Grada of C | | |
| Computer/Statistics/Quantitative Science (CS) | 3 | | | Grade of C | - | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | 1 | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | 1 | |
| Elective | 2 | | | | 1 | |



Major Map: Biochemistry (Medicinal Chemistry) -

Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|--|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| CHM 435: Medicinal Chemistry | 3 | \boxtimes | | Grade of C | Elective vs. Upper division Elective is dependent |
| Upper division CHM or BCH elective | 3 | \boxtimes | | Grade of C | upon level of Organic Chemistry. • Forty-five total units of upper division is required |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | for degree completion |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division elective | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Biological Sciences – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------------|-------------|--|-------------------|---|
| Course Subject and Title | 11 | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR | | | | | determines placement into first-year composition courses |
| ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score |
| MAT 251: Calculus for Life Sciences (MA) or | | _ | | Grade of C | determines placement in Mathematics course |
| MAT 170 Precalculus (MA)if pre-requisite needed | 3 | | | Grade of C | All freshmen must pass an academic success class and therefore must enroll in an |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) or OR | | | | | Academic Success Cluster and/or a First |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US | | _ | | | Year Seminar. |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| BIO 189: Life Sciences Career Path | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS BIO 181: General Biology I (SQ) OR | | | | | CHM 113 must be complete by end of term 2 |
| BIO 182: General Biology II (SG) | 4 | | | Grade of C | |
| CHM 116: General Chemistry II (SQ) | 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | |
| MAT 251: Calculus for Life Sciences (MA) OR if completed take Humanities, Fine Arts & Design (HU) and Cultural | | | | | |
| Diversity in the US (C), Global Awareness (G) or Historical | | | | Grade of C in MAT | |
| Awareness (H) | 3 | | | 251 | |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete remaining course: | | | | | First-year composition must be completed |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) | 4 | | | Grade of C | CHM 116 must be complete by the end of term 3 |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR | | | | Grade of C | term 5 |
| CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory | 3/1 | | | Grade of C | |
| Complete either: MIC 220: Biology of Microorganisms AND MIC 206: Microbiology | | | | | |
| Laboratory (if BIO 181 & 182 completed); otherwise take: | | | | | |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3/1 or 3 | | | Grade of C | |
| CLAS Science and Society | 3 | | | Grade of C | |
| TERM FOUR: 46-60 CREDIT HOURS | J | | | Glade of C | |
| BIO 320: Fundamentals of Ecology OR | | _ | | | |
| BIO 345: Organic Evolution Complete remaining course(s) from: | 3 | | | Grade of C | |
| MIC 220: Biology of Microorganisms AND MIC 206: Microbiology | | | | | |
| Laboratory OR | 2/1 | | | | |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3/1 or 3 | | | Grade of C | |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR | | | | | |
| CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory OR CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory | 3/1 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) | 3 | | | Giude of C | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| BIO 320: Fundamentals of Ecology OR | 2 | 5 7 | | CtfC | |
| BIO 345: Organic Evolution BIO 340: General Genetics (4 hrs) OR | 3 | | | Grade of C | |
| BIO 353: Cell Biology (3 hrs) OR | 3 or | _ | | | |
| BIO 360: Animal Physiology (3 hrs) PHY 101: Introduction to Physics (SQ) OR | 4 4 or | | | Grade of C | |
| PHY 111: General Physics & PHY 113: Laboratory (SQ) | 3/1 | | | Grade of C | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | | |
| Elective or CHM 234 Gen Organic Chemistry II & CHM 238 | 2 | | | Grade of C in CHM | |
| Laboratory if CHM 233 and 237 is completed in term 4 TERM SIX: 76-90 CREDIT HOURS | 3 | | | 234 & 238 | |
| BIO 340: General Genetics (4 hrs) OR | | | | | |
| BIO 353: Cell Biology (3 hrs) OR | _ | | | | |
| BIO 360: Animal Physiology (3 hrs) OR PLB 308: Plant Physiology (4 hrs) | 3 or 4 | | | Grade of C | |
| PHY 112: General Physics/Laboratory & PHY 114: Laboratory (SQ) | 4 or | | | Grade of C in PHY | |
| OR, if PHY 101 completed, take Elective: | 3 | | | 112 & 114 | |
| Upper division Major Elective (Lab) Upper division Humanities, Fine Arts & Design (HU) or Social & | 4 | | | Grade of C | |
| Behavioral Science (SB) | 3 | | | | |



Major Map: Biological Sciences – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Organismal Diversity Course | 4 | \boxtimes | | Grade of C | |
| Upper division Major Elective (Lab) | 4 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper division Major Elective | 3 | \boxtimes | | Grade of C | |
| Upper division Major Elective | 3 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|---------------------------|---|---------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Animal Physiology & Behavior) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------------|-------------|--|---|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | LIGHT COURT HOME |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| CHM 113: General Chemistry I | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition courses • ASU Math Placement Exam score determines |
| MAT 251: Calculus for Life Sciences (MA) or MAT 170 Precalculus if pre-requisite is needed | 3 | | | Grade of C | placement in Mathematics course • All freshmen must pass an academic success |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) OR Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | Grade of C | class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar. |
| Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) | 4 | | | Grade of C | CHM 113 must be complete by end of term 2 |
| CHM 116: General Chemistry II | 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | |
| MAT 251 Calculus for Life Sciences (MA) OR if completed Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | Grade of C in MAT 251 | |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) | 4 | | | Grade of C in BIO 187 or 188 | CHM 116 must be complete by end of term 3 |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory | 3/1 | | | Grade of C | |
| CLAS Science and Society | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Complete one course from: BIO 331: Animal Behavioral (3 hrs) OR BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) OR BIO 360: Animal Physiology (3 hrs) | 3 or 4 | × | | Grade of C | |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | | | Grade of C | |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory OR CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory | 3/1 or 3 | | | Grade of C | |
| Elective OR Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) if not completed in term 2 | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOU | | | | | |
| Complete one additional course from: BIO 331: Animal Behavioral (3 hrs) OR BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) OR BIO 360: Animal Physiology (3 hrs) | 3 or 4 | × | | Grade of C | |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics & PHY 113: Laboratory | 4 or 3/1 | | | Grade of C | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | |
| Elective or CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory if CHM 233 and 237 is completed in term 4 | 3 or 3/1 | | | Grade of C in CHM 233/237 or 234/238 | |



Major Map: Biological Sciences (Animal Physiology & Behavior) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|-------------|-------------------|--------------------------|--------------------------------|--|
| TERM SIX: 76-90 CREDIT HOURS | 22.01 | | | | |
| Complete remaining course from: BIO 331: Animal Behavioral (3 hrs) OR BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) OR BIO 360: Animal Physiology (3 hrs) | 3 or 4 | ⊠ | | Grade of C | |
| PHY 112: General Physics & PHY 114: General Physics Laboratory (SQ) OR, if PHY 101 completed, take Elective | 3/1 or 4 | | | Grade of C in PHY 112 & 114 | |
| Complete remaining course from: BIO 331: Animal Behavior (3 hrs) OR BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) OR BIO 360: Animal Physiology (3 hrs) | 3 or 4 | ⊠ | | Grade of C | |
| Complete one course from: BIO 436: Sociobiology & Behavioral Ecology BIO 461: Comparative Animal Physiology BIO 462: Endocrine Physiology BIO 467: Neurobiology | 3 | | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| BCH 361: Principles of Biochemistry OR BCH 461: General Biochemistry | 3 | | | Grade of C | Choose between BCH 361 OR BCH 461 & 462 |
| Complete one course from: BIO 436: Sociobiology & Behavioral Ecology BIO 461: Comparative Animal Physiology BIO 462: Endocrine Physiology BIO 467: Neurobiology | 3 | ⊠ | | Grade of C | |
| Upper division Major Elective | 3 or 4 | | | Grade of C | |
| Upper division Major Elective (Lab) | 4 | \boxtimes | | Grade of C | 1 |
| Upper division elective | 3 | \boxtimes | | | 1 |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | · |
| BCH 462: General Biochemistry OR if BCH 361 completed, take Upper division elective | 3 | | | Grade of C | Choose between BCH 361 OR BCH 461 & 462 |
| Upper division Major Elective | 3 or 4 | ⊠ | | Grade of C | |
| Upper division elective | 3 | | | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|------------------------------|------------------------|---|---------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

• Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Biology and Society) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | | □ Completed General Education: □ AGEC □ IGETC/CSUGE □ None |
|---|-----------|-------------|--------------|-----------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| BIO 181: General Biology I (SQ) OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| BIO 182: General Biology II (SG) OR | | | | | determines placement into first-year |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) if not co-enrolled | 4 or | | | Grade of C in BIO 187 | composition courses ASU Math Placement Exam score determines |
| in a minimum of MAT 170 | 3 | | | or 188 | placement in Mathematics course |
| ENG 101 and 102: First-Year Composition OR | | | | | BIO 181 and 182 to be completed within first |
| ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | three semesters MAT 251 or equivalent to be completed by end |
| MAT 251: Calculus for Life Sciences (MA) | 3 | | | Grade of C | of term 2 |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US | | | | Grade of C | All freshmen must pass an academic success |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar. |
| Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | . DIO 101 1102 (1 1 1 1 1 1 7 1 7) |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) | 4 | | | Grade of C | BIO 181 and 182 to be completed within first three semesters |
| DIO 102. General Diology II (50) | 3 or | | | Grade of C | MAT 251 or equivalent to be completed by end |
| Physical Science (Chemistry preferred) | 4 | | | Grade of C | of term 2 |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US | | | | | |
| (C), Global Awareness (G) or Historical Awareness (H) Social & Behavioral Science (SB) and Cultural Diversity in the US (C), | 3 | | | | |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| BIO 181: General Biology I (SQ) OR | | | | | BIO 181 and 182 must be completed |
| BIO 182: General Biology II (SG) If BIO 181 & 182 completed take Social & Behavioral Science (SB) | | | | | First-year composition must be completed |
| and Cultural Diversity in the US (C), Global Awareness (G) or | 4 or | | | Grade of C in BIO 187 | |
| Historical Awareness (H) | 3 | | | or 188 | |
| Physical Science (Chemistry preferred) | 3 or 4 | | | Grade of C | |
| CLAS Science and Society | 3 | | | Grade of C | |
| Elective | 4 | | | Grade of C | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| | 3 or | _ | | | • |
| Physical Science (Chemistry preferred) | 4 | | | Grade of C | |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | | | Grade of C | |
| | 4 or | | | | |
| Upper division Life Sciences elective | 3 | | | Grade of C | |
| Upper division Major Interface | 3 | | | Grade of C | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS BIO 311: Biology and Society (this is also a CLAS Science and | | | | | |
| Society) | 3 | \boxtimes | | Grade of C | |
| Complete one course from: | _ | | | | |
| BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) | 3 or 4 | \boxtimes | | Grade of C | |
| BIO 343. Organic Evolution (3 his) | 4 or | | | Grade of C | |
| Upper division Major Interface | 3/1 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | ⊠ | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | DVO 214 LINO 414 |
| BIO 314: Research Colloquium in Biology and Society I (L) | 2 | | | Grade of C | BIO 314 and BIO 414 must be completed for Literacy & Critical Inquiry (L) credit |
| Complete one additional course from: BIO 340: General Genetics (4 hrs) OR | 3 or | | | | Enteracy & Critical inquity (E) credit |
| BIO 345: Organic Evolution (3 hrs) | 4 | \boxtimes | | Grade of C | |
| Upper division Life Sciences elective | 3 | \boxtimes | | Grade of C | |
| Upper division Elective | 3 | \boxtimes | | | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & | | | | | |
| Behavioral Science (SB) | 3 | \boxtimes | Ī | I | |



Major Map: Biological Sciences (Biology and Society) -

Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|-----------|-------------------|--------------------------|------------------------------|---|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Research | 3 | \boxtimes | | Grade of C | |
| Upper division Life Science s Elective | 3 or 4 | | | Grade of C | |
| Upper division Major Interface | 3 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| BIO 414: Research Colloquium in Biology and Society II (L) | 1 | \boxtimes | | Grade of C | BIO 314 and BIO 414 must be completed for |
| Upper division Life Sciences Elective | 3 or 4 | | | Grade of C | Literacy & Critical Inquiry (L) credit |
| Upper division Major Interface | 3 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division elective | 4 | | | | |
| Elective | 3 | П | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|---------------------------|---|---------------------------|--|
| | | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Conservation Biology and Ecological Sustainability) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-----------|-------------|---------------|---|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS CHM 113: General Chemistry I | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR | 4 | | | Grade of C | determines placement into first-year |
| ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | composition courses ASU Math Placement Exam score determines |
| ENG 105: Advanced First-Year Composition MAT 251: Calculus for Life Sciences (MA) or MAT 170: Pre-calculus | | | | | placement in Mathematics course |
| if needed as a pre-requisite | 3 | | | Grade of C | Maintain 2.0 GPA in all critical courses, major |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US | | | | | courses, and related fields BIO 181 and 182 to be completed within first |
| (C), Global Awareness (G) or Historical Awareness (H) OR Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global | 3 | | | | three semesters |
| Awareness (G) or Historical Awareness (H) | | | | | MAT 251 or equivalent to be completed by end |
| Academic Success Class or First Year Seminar | 1 | | | | of term 2 • All freshmen must pass an academic success course and therefore must enroll in an Academic |
| . Totale into Saccess Class St. 1 list 1 car Schillan | - | | | | Success Cluster and/or First Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| BIO 181: General Biology I OR | 4 | | | Grade of C | Maintain 2.0 GPA in all critical courses, major |
| BIO 182: General Biology II CHM 116: General Chemistry II OR | | | | Grade of C | courses, and related fields BIO 181 and 182 to be completed within first |
| CHM 113: General Chemistry I (if not complete in term 1) | 4 | | | Grade of C | three semesters |
| ENG 101 and 102: First-Year Composition OR | _ | | | | MAT 251 or equivalent to be completed by end |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | of term 2 • CHM 113 must be complete by end of term 2 |
| MAT 251 OR if complete, Humanities, Fine Arts & Design (HU) and | | | | C I CC: MAT | C11.41 113 must be complete by one of term 2 |
| Cultural Diversity in the US (C), Global Awareness (G) or Historical | 3 | | | Grade of C in MAT 251 | |
| Awareness (H) Social & Behavioral Science (SB) and Cultural Diversity in the US (C), | | | | 251 | |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| BIO 181: General Biology I OR | 4 | | | Grade of C | BIO 181 and 182 must be completed by end of |
| BIO 182: General Biology II CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR | | | | Grade of C | term 3 • First-year composition must be completed |
| CHM 231 Eleft Organic Chemistry & CHM 233 Laboratory OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory OR | 3/1 | | | Grade of C | Maintain 2.0 GPA in all critical courses, major |
| CHM 116: General Chemistry II if not complete in term 2 | or 4 | | | | courses, and related fields |
| CLAS Science and Society | 3 | | | Grade of C | CHM 116 must be complete by end of term 3 |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | • Maintain 2.0 CDA in all antical accounts union |
| BIO 320: Fundamentals of Ecology STP 226: Elements of Statistics (CS) OR | 3 | | | Grade of C | Maintain 2.0 GPA in all critical courses, major courses, and related fields |
| STP 220: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | | | Grade of C | |
| CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR | | | | Grade of C in CHM | |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory | 4 or 3 | | | 231 & 235, 233 & 237, | |
| (if CHM 231/235 completed, take Elective) | | | | or 234 & 238 | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| BIO 322: Conservation Biology and Ecological Sustainability I | 3 | ⊠ | | Grade of C | |
| Complete one course from: BIO 340: General Genetics (4 hrs) OR | 3 or | | | Grade of C | |
| BIO 345: Organic Evolution (3 hrs) | 4 | | | Grade of C | |
| Physical Science (PHY, GPH, GLG with Lab) | 4 or | | | Grade of C | |
| Upper division CLAS Science and Society | 3/1 | \boxtimes | | Grade of C | |
| Upper division elective | | | | | |
| (or CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory if | 3 or 3/1 | \boxtimes | | Grade of C in CHM 233/237 or 234/238 | |
| CHM 233 and 237 is completed in term 4) | 1 ال | | | 255125 01 254/250 | |
| TERM SIX: 76-90 CREDIT HOURS BIO 323: Conservation Biology and Ecological Sustainability II | 3 | \boxtimes | | Grade of C | |
| Complete one additional course from: | | | | Grade of C | |
| BIO 340: General Genetics (4 hrs) OR | 3 or 4 | \boxtimes | | Grade of C | |
| BIO 345: Organic Evolution (3 hrs) | | | | | |
| Upper division Major Elective | 3 or 4 | ⊠ | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) or | 3 | ⊠ | | | |
| Social & Behavioral Science (SB) | 4 or | | | | |
| Upper divisionelective | 3 | \boxtimes | | | |



Major Map: Biological Sciences (Conservation Biology and Ecological Sustainability) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| C | | T | T | M:-: C 1- :6 | |
|--|-----------|-------------------|--------------------------|------------------------------|---------------------------------------|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| • | 1113. | Division | Course/Grade | Required | Additional Critical requirement rotes |
| TERM SEVEN: 91-105 CREDIT HOURS | 2 | | | | |
| Upper division Major Elective | 3 or 4 | | | Grade of C | |
| Upper division Major Elective | 3 or 4 | ⊠ | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | | |
| Upper division elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper division Major Elective | 3 or 4 | | | Grade of C | |
| Upper division Major Elective | 3 or 4 | | | Grade of C | |
| Upper division Major Elective | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 1 | | | | 7 |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|---------------------------|---|---------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Ecology and Evolution) - Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | nsfer Pathway: ☐TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------------|-------------------|--------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| CHM 113: General Chemistry I | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course |
| MAT 251: Calculus for Life Sciences (MA) or MAT 170: Pre-calculus if needed as a pre-requisite | 3 | | | Grade of C | All freshmen must pass an academic success class and therefore must be enrolled in an |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) OR Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | Academic Success Cluster and/or a First Year Seminar. |
| Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | 1 | | | |
| BIO 181: General Biology I OR BIO 182: General Biology II | 4 | | | Grade of C | CHM 113 must be complete by end of term 2 |
| CHM 116: General Chemistry II | 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| MAT 251 OR if complete Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | Grade of C in MAT 251 | |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| BIO 181: General Biology I OR BIO 182: General Biology II OR | 4 | | | Grade of C | CHM 116 must be complete by end of term 3 |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory | 3/1 or 4 | | | Grade of C | |
| CLAS Science and Society | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| BIO 320: Fundamentals of Ecology | 3 | | | Grade of C | |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | | | Grade of C | |
| CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory if CHM 231/235 completed, take Elective | 4 or 3 | | | Grade of C in CHM 231 & 235, 233 & 237, or 234 & 238 | |
| Elective or Humanities, Fine Arts & Design (HU) if not completed in term 2 | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| BIO 321: Introductory Ecology Laboratory OR Upper Division Major Concentration | 2 or 4 | | | Grade of C | |
| Complete one course from: BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) | 3 or 4 | ⊠ | | Grade of C | |
| PHY 101: Introduction to Physics OR PHY 111: General Physics & PHY 113: Laboratory | 4 or 3/1 | | | Grade of C | |
| Upper division CLAS Science and Society | 3 | | | Grade of C | |
| Upper division elective or CHM 234 Gen Organic Chemistry II & | 3 or | ⊠or □ | | Grade of C in CHM | |
| CHM 238 Laboratory if CHM 233 and 237 is completed in term 4 | 3/1 | | | 233/237 or 234/238 | |
| TERM SIX: 76-90 CREDIT HOURS BIO 321: Introductory Ecology Laboratory OR | 2 | | | | |
| Upper Division Major Concentration | 2 or 4 | ⊠ | | Grade of C | |
| Complete one additional course from: BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) | 3 or 4 | | | Grade of C | |
| PHY 112: General Physics/Laboratory & PHY 114: Laboratory OR, if PHY 101 completed, take Elective | 4 or 3 | | | Grade of C in PHY 112 & 114 | |
| Upper division Major Elective | 3 or 4 | ⊠ | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | \boxtimes | | | |



Major Map: Biological Sciences (Ecology and Evolution)

- Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|-----------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Approved course with BIO, MBB, MIC, or PLB prefix (see advisor) | 4 | \boxtimes | | Grade of C | |
| Upper division Major Concentration | 3 or 4 | | | Grade of C | |
| Upper division Major Concentration | 3 or 4 | | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| Upper division elective | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Approved course with ASM, BCH, MAT or STP prefix (see advisor) | 4 | | | Grade of C | |
| Upper division Major Concentration | 3 or 4 | | | Grade of C | |
| Upper division Major Elective | 3 or 4 | | | Grade of C | |
| Upper division Major Elective (if needed) | 3 | \boxtimes | | Grade of C | |
| Upper division elective | 1 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|---------------------------|---|---------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Genetics, Cell & Developmental Biology) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------------|-------------------|--------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1110. | Bivision | Course Grade | recaned | Additional Critical Requirement Acces |
| CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course |
| MAT 251: Calculus for Life Sciences (MA) or MAT 170: Pre-calculus (MA) if needed as a pre-requisite | 3 | | | Grade of C | All freshmen must pass an academic success class and therefore must enroll in an Academic |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) OR Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | Success Cluster and/or a First Year Seminar |
| Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) | 4 | | | Grade of C | CHM 113 must be complete by end of term 2 |
| CHM 116: General Chemistry II (SQ) | 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | |
| MAT 251 Calculus for Life Sciences (MA) OR if complete take Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | Grade of C in MAT 251 | |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) | 4 | | | Grade of C | CHM 116 must be complete by end of term 3 |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory | 3/1 | | | Grade of C | |
| CLAS Science and Society | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| BIO 353: Cell Biology | 3 | ☒ | | Grade of C | |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | | | Grade of C | |
| CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory if CHM | 3/1 or 3 | | | Grade of C in CHM 231 & 235, 233 & 237, or 234 & 238 | |
| 231/235 completed, take Elective Humanities, Fine Arts & Design (HU) or elective if complete | 3 | | | 0.23.0230 | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| BIO 351: Developmental Anatomy | 3 | \boxtimes | | Grade of C | |
| BIO 340: General Genetics (4 hrs) | 4 | | | Grade of C | |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics & PHY 113: Laboratory (SQ) | 4 or 3/1 | | | Grade of C | |
| Upper division CLAS Science and Society | 3 | ⊠ | | Grade of C | |
| elective or CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory if CHM 233 and 237 is completed in term 4 | 3 | | | Grade of C in CHM 233/237 or 234/238 | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| BIO 345: Organic Evolution (3 hrs) | 3 | ⊠ | | Grade of C | |
| Complete one course from: BIO 446: Principles of Human Genetics (3) (L) MBB/PLB 350: Applied Genetics (4) MBB 343: Genetic Engineering & Society (L) (4) | 3 or 4 | | | Grade of C | |
| PHY 112: General Physics/Laboratory & PHY 114: Laboratory (SQ) OR, if PHY 101 completed, take Elective | 4 or 3 | | | Grade of C in PHY 112 & 114 | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | |
| Upper division Elective | 3 | | | | |



Major Map: Biological Sciences (Genetics, Cell & Developmental Biology) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| BIO 455: Intro to Comparative Genomics | 3 | \boxtimes | | Grade of C | |
| Upper division Major elective | 3 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| BIO 499: Individualized Instruction | 1-3 | \boxtimes | | Grade of C | BIO 499 requires the completion of an |
| Upper division Major Elective | 3 | \boxtimes | | Grade of C | individualized instruction form and meeting with a faculty member before the semester |
| Upper division Major Elective | 2 | \boxtimes | | Grade of C | begins. This research experience is secured by |
| Upper division elective | 3 | \boxtimes | | | the student. |
| Upper division elective | 2 | \boxtimes | | | 1 |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|---------------------------|---|---------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Genomics and Bioinformatics) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|--------|-------------|---------------|---------------------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | 0 1 10 | A CAT ACT Assurbase of TOFFI |
| CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | composition courses |
| ENG 103. Advanced First-Teal Composition OK ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| MAT 251: Calculus for Life Sciences (MA) or | 3 | | | Grade of C | placement in Mathematics course |
| MAT 170: Precalculus (MA) if needed as pre-requisite | 3 | Ш | | Grade of C | All freshmen must pass an academic success class and therefore must enroll in an Academic |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), | | | | | Success Cluster and/or a First Year Seminar |
| Global Awareness (G) or Historical Awareness (H) OR Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global | 3 | | | | |
| Awareness (G) or Historical Awareness (H) | | | | | |
| Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| BIO 181: General Biology I (SQ) OR | 4 | | | Grade of C | CHM 113 must be complete by the end of term |
| BIO 182: General Biology II (SG) | | | | | 2 |
| CHM 116: General Chemistry II (SQ) | 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | |
| ENG 103. Advanced First-Teal Composition OK ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US | | | | | |
| (C), Global Awareness (G) or Historical Awareness (H) OR | 3 | | | | |
| MAT 251 Calculus for Life Sciences (MA) if not complete in term 1. | | | | | |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| BIO 181: General Biology I (SQ) OR | | | | | First-year composition must be completed |
| BIO 182: General Biology II (SG) | 4 | | | Grade of C | CHM 116 must be complete by the end of term |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR | 3/1 | | | Grade of C | 3 |
| CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory | 3 | | | Crade of C | |
| CLAS Science and Society | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Complete one course from: BIO 340: General Genetics (4 hrs) OR | | | | | |
| BIO 345: Organic Evolution (3 hrs) | 3 or 4 | | | Grade of C | |
| STP 226: Elements of Statistics (CS) OR | | | | | |
| STP 231: Statistics for Life Science (CS) | 3 | | | Grade of C | |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR | | | | | |
| CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory of CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory if not | | | | Grade of C in CHM | |
| completed in term 3 | 3/1 | | | 234 & 238 | |
| Elective OR | | | | | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US | | | | | |
| (C), Global Awareness (G) or Historical Awareness (H) if not complete in term 2 | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 5 | | | | |
| Complete one additional course from: | | | | | |
| BIO 340: General Genetics (4 hrs) OR | | | | | |
| BIO 345: Organic Evolution (3 hrs) | 3 or 4 | | | Grade of C | |
| PHY 101: Introduction to Physics OR PHY 111: General Physics & PHY 113: Laboratory | 4 or | l – | | Crada of C | |
| • | 3/1 | | | Grade of C | |
| Upper division major concentration | 3 or 4 | | | Grade of C | |
| Upper division CLAS Science and Society Elective OR | 3 | | | | |
| CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory if CHM | 3 or | | | Grade of C in CHM | |
| 233 & CHM 237 completed in term 4 | 3/1 | | | 233/237 or 234/238 | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Upper division major concentration | 3 or 4 | \boxtimes | | Grade of C | |
| Upper division major concentration | 3 or 4 | \boxtimes | | Grade of C | |
| Upper division major elective | 3 or 4 | | | Grade of C | |
| PHY 112: General Physics & PHY 114: Laboratory OR | | T - | | Grade of C in PHY | |
| if PHY 101 completed, take Elective | 4 or 3 | | | 112 & 114 | |



Major Map: Biological Sciences (Genomics and Bioinformatics) - Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|--------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| MBB 440: Functional Genomics | 3 | \boxtimes | | Grade of C | |
| Upper division Major Elective | 3 or 4 | | | Grade of C | |
| Upper division Major Elective | 3 or 4 | | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper division Major Concentration | 3 | \boxtimes | | Grade of C | |
| Upper division Major Elective | 3 | \boxtimes | | Grade of C | |
| Upper division Major Elective | 3 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division elective | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|------------------------|---|------------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0

 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - 0 Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Plant Biology) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------------|-------------------|--|------------------------------|---|
| Course Subject and Title | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | HIS. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR | _ | | | Grade of C | determines placement into first-year |
| ENG 105: Advanced First-Year Composition OR | 3 | | | | composition courses ASU Math Placement Exam score determines |
| ENG 107 and 108: English for Foreign Students | | | | | placement in Mathematics course |
| MAT 251: Calculus for Life Sciences (MA) or MAT 170: Pre-calculus (MA) (if needed as a pre-requisite) | 3 | | | Grade of C | All freshmen must pass an academic success |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US | | | | | course and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar. |
| (C), Global Awareness (G) or Historical Awareness (H) OR Social & | 3 | | | Grade of C | Success Cluster and or a 1 list 1 car Schillar. |
| Behavioral Science (SB) and Cultural Diversity in the US (C), Global | 3 | | | Grade of C | |
| Awareness (G) or Historical Awareness (H) Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | 1 | | | | |
| Complete one additional course from: | | | | | CHM 113 must be complete by the end of term |
| BIO 181: General Biology I (OR PLB 200: Biology of Plants & | 4 or | | | Grade of C | 2 |
| PLB 201: Laboratory) (SQ) | 3/1 | | | Glade of C | |
| BIO 182: General Biology II (SG) CHM 116: General Chamistry II (SQ) | 4 | | | Grade of C | |
| CHM 116: General Chemistry II (SQ) ENG 101 and 102: First-Year Composition OR | 4 | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | |
| ENG 107 and 108: English for Foreign Students | | | | | |
| MAT 251 Calculus for Life Sciences (MA) or if complete | 2 | | | Grade of C in MAT | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | 251 | |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), | 3 | | | | |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | GID (11) |
| Complete remaining course from: BIO 181: General Biology I (OR PLB 200: Biology of Plants & | 4 or | | | | CHM 116 must be complete by end of term 3 |
| PLB 201: Laboratory) (SQ) | 3/1 | | | Grade of C | |
| BIO 182: General Biology II (SG) | | | | | |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR | 3/1 | | | Grade of C | |
| CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory CLAS Science and Society | 3 | | | Grade of C | |
| Elective | 4 | | | Glade of C | |
| TERM FOUR: 46-60 CREDIT HOURS | 4 | | | | |
| Upper division Major Concentration | 3 | \boxtimes | | Grade of C | • |
| STP 226: Elements of Statistics (CS) OR | | | | | |
| STP 231: Statistics for Life Science (CS) | 3 | | | Grade of C | |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) | 3/1 | \boxtimes | | Grade of C | |
| CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory Elective or Humanities, Fine Arts & Design (HU) and Cultural | | | | | |
| Diversity in the US (C), Global Awareness (G) or Historical Awareness | 3 | | | | |
| (H) if not complete in term 2 | | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | ı | |
| Complete one course from: BIO 340: General Genetics (4 hrs) OR | 3 or | \boxtimes | | Grade of C | |
| BIO 345: Organic Evolution (3 hrs) | 4 | | | Grade of C | |
| Complete one course from: | | | | | |
| PLB 300: Comparative Plant Diversity (4) (L or SG) PLB 300: Plant A comparative Plant Diversity (4) (L or SG) PLB 300: Comparative Plant Diversity (4) (L or SG) | 2 | | | | |
| PLB 306: Plant Anatomy (4) or PLB 308 Plant Physiology (4) BIO 320: Fundamentals of Ecology (3) | 3 or 4 | \boxtimes | | Grade of C | |
| BIO 320. Fundamentals of Ecology (3) BIO 353: Cell Biology (3) or MBB 247: Applied Biosciences: | * | | | | |
| Biotechnology (4) | | | | | |
| PHY 101: Introduction to Physics (SQ) OR | 4 or | | | Grade of C | |
| PHY 111: General Physics & PHY 113: Laboratory (SQ) Upper division elective or CHM 234 Gen Organic Chemistry II & | 3/1 3 or | ⊠or | | | |
| CHM 238 Laboratory if CHM 233 and 237 is completed in term 4 | 3/1 | | | Grade of C | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | |



Major Map: Biological Sciences (Plant Biology) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | 1 |
|--|-----------|-------------|--------------|--------------------------------|---------------------------------------|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Complete one additional course from: BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) | 3 or 4 | | | Grade of C | |
| PHY 112: General Physics/Laboratory & PHY 114: Laboratory (SQ) OR, if PHY 101 completed, take Elective | 4 or 3 | | | Grade of C in PHY 112 & 114 | |
| Upper division Major Elective | 3 or 4 | | | Grade of C | |
| Complete one additional course from: PLB 300: Comparative Plant Diversity (4) (L or SG) PLB 306: Plant Anatomy (4) or PLB 308 Plant Physiology (4) BIO 320: Fundamentals of Ecology (3) BIO 353: Cell Biology (3) or MBB 247: Applied Biosciences: Biotechnology (4) | 3 or 4 | ⊠ | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Complete two additional courses from: PLB 300: Comparative Plant Diversity (4) (L or SG) PLB 306: Plant Anatomy (4) or PLB 308 Plant Physiology (4) BIO 320: Fundamentals of Ecology (3) | 3 or 4 | | | Grade of C | |
| BIO 353: Cell Biology (3) or MBB 247: Applied Biosciences: Biotechnology (4) | 3 or 4 | | | Grade of C | |
| Upper division Major Elective | 3 or 4 | | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper division Major Elective | 3 or 4 | ⊠ | | Grade of C | |
| Upper division Major Elective | 3 or 4 | ⊠ | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | 7 |
| Elective | 3 | | | | 7 |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
 - General Studies Awareness Requirements

 O Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Chemistry – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|-------------|---------------|--------------------|---|--|
| Course Subject and Title | 11 | Upper | Transfer | Minimum Grade if | Additional Critical Demoissance Natura | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 101 or 102: First-Year Composition OR | | | | | determines placement into first-year | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | composition courses ASU Math Placement Exam score determines | |
| MAT 270: Calculus & Analytic Geometry I (MA | 4 | | | Grade of C | placement in Mathematics course | |
| Social & Behavioral Science (SB) AND Cultural Awareness in the | 3 | | | Sidde of C | Consult an academic advisor for Learning Community, Academic Success Clusters and | |
| US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | First Year Seminar options | |
| Academic Success Class or First Year Seminar | 1 | | | | All freshmen must pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar | |
| TERM TWO: 16-30 CREDIT HOURS | | | 1 | | | |
| CHM 116: General Chemistry II (SQ) | 4 | | | Grade of C | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | | |
| ENG 107 or 108: English for Foreign Students | | | | | | |
| MAT 271: Calculus with Analytic Geometry II | 4 | | | Grade of C | | |
| Second Language | 4 | | | Grade of C in 202 | | |
| TERM THREE: 31-45 CREDIT HOURS CHM 233: General Organic Chemistry I or | | | | | First-Year Composition completed by the end of | |
| CHM 333: Organic Chemistry for Majors I | 3 | | | Grade of C | semester 3 | |
| CHM 237: General Organic Chemistry I Laboratory or | 1 | | | Grade of C | The following courses completed by end of | |
| CHM 337: Organic Chemistry for Majors I Laboratory PHY 111: General Physics & PHY 113 General Physics | | | | | term 3: CHM 113, CHM 116, MAT 270, PHY 111. | |
| Laboratory | 3/1 | | | Grade of C | | |
| Second Language or if completed, take Elective | 4 | | | Grade of C in 202 | | |
| Elective | 2 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 1 | | | 1 | | |
| CHM 234: General Organic Chemistry II or CHM 334: Organic Chemistry for Majors II | 3 | | | Grade of C | Remaining courses completed by end of term 4: CHM 233 (or 333), CHM 237 (or 337), | |
| CHM 238: General Organic Chemistry II Laboratory | 1 | | | Grade of C | PHY 112/114. | |
| CHM 338: Organic Chemistry for Majors II Laboratory PHY 112: General Physics & PHY 114: General Physics | • | | | Grade of C | | |
| Laboratory | 3/1 | | | Grade of C | | |
| Second Language or if completed, take Elective | 4 | | | Grade of C in 202 | | |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| CHM 325: Analytical Chemistry & CHM 326 Analytical Chem. Lab | 3/1 | \boxtimes | | Grade of C | | |
| CHM 341: Elemental Physical Chemistry | 3 | | | Grade of C | | |
| CHM 343: Physical Chemistry Laboratory | 1 | ⊠ | | Grade of C | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Awareness in | 3 | | | | | |
| the US (C), Global Awareness (G) OR Historical Awareness (H) | 4 | | | Grade of C in 202 | | |
| Second Language or if completed, take Elective | 4 | | | Grade of C III 202 | | |
| TERM SIX: 76-90 CREDIT HOURS Upper division BCH/CHM Elective | 3 | \boxtimes | | Grade of C | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | 5.440 01 0 | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | | |
| Upper division elective | 4 | ⊠ | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| CHM 453: Inorganic Chemistry | 3 | ⊠ | | Grade of C | Elective vs. Upper division Elective is dependent upon level of Organic Chemistry and | |
| Upper division Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) | 3 | ⊠ | | | Biology Electives. | |
| Upper division elective | 3 | | | | Forty-five total units of upper division is | |
| Upper division elective | 3 | ⊠ | | | required for degree completion | |
| Upper division elective | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | | |
| Upper division elective | 3 | ⊠ | | | | |
| Upper division elective | 3 | | | | | |
| Upper division elective | 3 | | | | | |
| Upper division elective | 3 | \boxtimes | | | | |



Major Map: Chemistry – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences, Tempe Campus

Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0
 - 0

 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Chemistry – Bachelor of Science (B.S.) College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2010-2011

| | | | | nsfer Pathway: ☐TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|--------------|-----------------------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS CHM 117 & 111: General Chemistry for Majors I & Lab (SQ) or | 3/1 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| CHM 113: General Chemistry I (SQ) | or 4 | | | Grade of C | determines placement into first-year |
| ENG 101 or 102: First-Year Composition OR | | | | | composition courses ASU Math Placement Exam score determines |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course |
| MAT 270: Calculus & Analytical Geometry I (MA) | 4 | | | Grade of C | Consult an academic advisor for Learning |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3 | | | | Community, Academic Success Clusters and First Year Seminar options |
| (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | All freshmen must pass an academic success |
| Academic Success Class or First Year Seminar | 1 | | | | class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| CHM 118 & 112: General Chemistry for Majors II & Lab (SQ) or | 3/1 | | | Grade of C | |
| CHM 116: General Chemistry II (SQ) ENG 101 or 102: First-Year Composition OR | or 4 | | | | - |
| ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | |
| ENG 107 or 108: English for Foreign Students | | | | | |
| MAT 271: Calculus with Analytic Geometry II | 4 | | | Grade of C | - |
| PHY 121: University Physics I & PHY 122: University Physics I Lab | 3/1 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS CHM 333: Organic Chemistry for Majors I or | | | | | First-Year Composition completed by the end of |
| CHM 233: General Organic Chemistry I | 3 | | | Grade of C | semester 3 |
| CHM 337: Organic Chemistry for Majors I Laboratory or | 1 | | | Grade of C | The following courses completed by end of |
| CHM 237: General Organic Chemistry I Laboratory Humanities. Fine Arts & Design (HU) AND Cultural Awareness in the | | | | | term 3: CHM 117 & 111 (or 113), CHM 118 & 112 (or 116), MAT 270, MAT 271 |
| US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| MAT 272: Calculus with Analytic Geometry III | 4 | | | Grade of C | |
| PHY 131: University Physics II & PHY 132: University Physics II Lab | 3/1 | | | Grade of C | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| CHM 334: Organic Chemistry for Majors II or CHM 234: General Organic Chemistry II | 3 | | | Grade of C | Remaining courses completed by end of term CHM 233 (or 333), CHM 237 (or 337), |
| CHM 338: Organic Chemistry for Majors II Laboratory or | | | | | CHM 240. |
| CHM 238: General Organic Chemistry II Laboratory | 1 | | | Grade of C | AZ Community College students should consult |
| CHM 240: Intro to Physical Chemistry (CS) | 3 | | | Grade of C | with their advisor for appropriate math course to meet CHM 345 prerequisite requirement. |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3 | | | | The state of the s |
| (C), Global Awareness (G) OR Historical Awareness (H) | | | | | |
| Elective | 3 | | | | _ |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS CHM 325: Analytical Chemistry & CHM 326 Analytical Chem Lab | 3/1 | \boxtimes | | Grade of C | CHM 325, 326, and 345 are only offered in the |
| CHM 345: Physical Chemistry I | 3 | ⊠ | | Grade of C | Fall semester. |
| Humanities, Fine Arts & Design (HU) | 3 | | | Grade of C | - |
| Literacy and Critical Inquiry (L) | 3 | | | | 1 |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| CHM 327 Instrumental Analysis | 3 | \boxtimes | | Grade of C | CHM 327, 328, 346, 348, and 349 are only |
| CHM 328: Instrumental Analysis Laboratory | 2 | \boxtimes | | Grade of C | offered in the Spring semester. |
| CHM 346: Physical Chemistry II | 3 | \boxtimes | | Grade of C | 1 |
| CHM 348: Physical Chemistry I Lab & CHM 349: Physical Chemistry | 1/1 | \boxtimes | | Grade of C |] |
| II Lab (must also complete CHM 452 to secure L) Upper division Humanities, Fine Arts & Design (HU) or | | | | 1 | - |
| Social Behavioral Science (SB) | 3 | \boxtimes | | | |
| Upper division elective | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| CHM 453: Inorganic Chemistry | 3 | | | Grade of C | CHM 453 and 460 are only offered in the Fall |
| CHM 460: Biological Chemistry | 3 | ⊠ | | Grade of C | semester. |
| Upper division CLAS Science & Society | 3 | | | Grade of C | |
| Upper division elective | 3 | | | | - |
| Elective | 3 | | L | | |



Major Map: Chemistry - Bachelor of Science (B.S.)

College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|------|-------------|--------------|------------------|---|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| CHM 452: Inorganic Chemistry Laboratory (must also complete CHM 348 & CHM 349 to secure L) | 1 | | | Grade of C | CHM 452 is only offered in the Spring semester. |
| CHM elective | 3 | \boxtimes | | Grade of C | |
| CLAS Science & Society | 3 | | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division elective | 3 | \boxtimes | | | |
| Elective | 2 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Chemistry (Environmental Chemistry) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2010-2011

| | | | Competed Trai | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|-------------|-------------------|--------------------------|------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | · · · | | |
| CHM 117 & 111: General Chemistry for Majors I & Lab (SQ) or | 3/1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | |
| CHM 113: General Chemistry I (SQ) | or 4 | | | | determines placement into first-year composition courses | |
| MAT 270: Calculus with Analytic Geometry I (MA) ENG 101 or 102: First-Year Composition OR | 4 | | | Grade of C | ASU Math Placement Exam score determines | |
| ENG 101 of 102. Flist-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | placement in Mathematics course | |
| ENG 107 or 108: English for Foreign Students | | | | | Maintain 2.0 GPA in all critical courses and | |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3 | | | | upper division BCH and CHM courses All freshmen must pass an academic success | |
| (C), Global Awareness (G) OR Historical Awareness (H) | | | | | class and therefore must enroll in an Academic | |
| Academic Success Course or first Year Seminar | 1 | | | | Success Cluster and /or a First Year Seminar | |
| TERM TWO: 16-30 CREDIT HOURS | 2/1 | | İ | | Maintain 2.0 GPA in all critical courses | |
| CHM 118 & 112: General Chemistry for Majors II & Lab (SQ) or CHM 116: General Chemistry II (SQ) | 3/1 or 4 | | | Grade of C | Maintain 2.0 GPA in all critical courses | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | | | Grade of C | | |
| PHY 121: University Physics I: Mechanics & PHY 122: University | 3/1 | | | Grade of C | | |
| Physics I Lab (SQ) | 3/1 | | | Grade of C | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | | |
| ENG 103. Advanced First-Tear Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| CHM 333: Organic Chemistry for Majors I or | 3 | | | Grade of C | First-Year Composition completed by the end of | |
| CHM 233: General Organic Chemistry I | <u> </u> | | | Grade of C | semester 3 | |
| CHM 337: Organic Chemistry for Majors I Laboratory or CHM 237: General Organic Chemistry I Laboratory | 1 | | | Grade of C | Maintain 2.0 GPA in all critical courses The following pre-requisite courses completed | |
| MAT 272: Calculus with Analytic Geometry III* (MA) | 4 | | | Grade of C | by end of term 3: CHM 117 & 111 (or 113), | |
| | | _ | | | CHM 118 & 112 (or 116) | |
| PHY 131: University Physics II & PHY 132: University Physics II Lab | 3/1 | | | Grade of C | *AZ Community College students should consult | |
| FITT 131. University Flysics II & FITT 132. University Flysics II Lab | 3/1 | | | Grade of C | with their advisor for appropriate math course to | |
| | | | | | meet CHM 345 prerequisite requirement. | |
| TERM FOUR: 46-60 CREDIT HOURS | | | ı | | No. of the control of | |
| CHM 334: Organic Chemistry for Majors II or CHM 234: General Organic Chemistry II | 3 | | | Grade of C | Maintain 2.0 GPA in all critical courses Remaining pre-requisite courses completed by | |
| CHM 338: Organic Chemistry for Majors II Laboratory or | | | | 0 1 60 | end of term 4: CHM 233, CHM 237, CHM 240. | |
| CHM 238: General Organic Chemistry II Laboratory | 1 | | | Grade of C | | |
| CHM 240: Introduction to Physical Chemistry (CS) | 3 | | | Grade of C | | |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3 | | | | | |
| (C), Global Awareness (G) OR Historical Awareness (H) Elective | 3 | | | | _ | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | | |
| CHM 302: Environmental Chemistry | 3 | \boxtimes | | Grade of C | CHM 302, 325, 326, and 345 are only offered in | |
| CHM 325 Analytical Chemistry and CHM 326 Analytical Chem. Lab | 3/1 | | | Grade of C | the Fall semester. | |
| CHM 345: Physical Chemistry I | 3 | | | Grade of C | _ | |
| Humanities, Fine Arts & Design (HU) | 3 | | | Grade of C | - | |
| Literacy and Critical Inquiry (L) | 3 | | | | - | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| BCH 361 Principles of Biochemistry and BCH 367Elementary | 2/1 | [7] | | Condo of C | CHM 348 and GLG 321 are only offered in the | |
| Biochemistry Laboratory | 3/1 | \boxtimes | | Grade of C | Spring semester. | |
| CHM 303: Environmental Chemistry Laboratory (must also complete | 2-3 | \boxtimes | | Grade of C in CHM | CHM 303 is only offered every other Spring armeeter. | |
| CHM 348 to secure L) or upper division elective CHM 348: Physical Chemistry Laboratory I (must also complete CHM | | | | 303 | semester. | |
| 303 to secure L) | 1 | \boxtimes | | Grade of C | | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | | |
| GLG 321: Mineralogy | 3 | | | Grade of C | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| CLAS Science and Society | 3 | | | Grade of C | | |
| Upper division Humanities, Fine Arts & Design (HU) or | 3 | \boxtimes | | | | |
| Social & Behavioral Science (SB) | | | | | - | |
| Elective Union division planting | 3 | | | | - | |
| Upper division elective | 3 | | | | - | |
| Upper division elective | 4 | | | | | |



Major Map: Chemistry (Environmental Chemistry) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences, Tempe Campus

Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| CHM 303: Environmental Chemistry Laboratory (must also complete CHM 348 to secure L) or upper division elective | 2-3 | ⊠ | | Grade of C in CHM 303 | |
| CHM 481: Geochemistry | 3 | | | Grade of C | |
| Elective | 2 | | | | |
| Elective | 3 | | | | |
| Upper division elective | 3 | | | | |
| Upper division elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|---------------------------|---|---------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Communication – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Trans | sfer Pathway: | Completed General Education: | |
|--|------|-------------------|--------------------------|------------------------------|--|--|
| | | | □ MAPP □1 | AG □ATP □None | □AGEC □IGETC/CSUGE □None | |
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1113 | Division | Course/Grade | Required | Additional Critical Requirement Profes | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | 2 | | | 0.1.60 | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in mathematics course | |
| Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | Complete all critical courses by end of semester 4 All freshmen are required to pass an academic success class and therefore must enroll in an | |
| Second language | 4 | | | Grade of C in 202 | Academic Success Cluster and/or a First-Year Seminar | |
| Academic Success Class or First-Year Seminar | 1 | | | | Select COM and Related Area courses in conjunction with academic advisor | |
| Social and Behavioral Sciences (SB) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | Complete First-Year Composition by end of semester 3 Minimum ASU cumulative GPA of 2.50 | |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | recommended | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Complete all critical courses by end of semester 4 Select COM and Related Area courses in conjunction with academic advisor | |
| COM 100: Introduction to Human Communication (SB) | 3 | | | Grade of C | Complete First-Year Composition by end of | |
| Natural Science-Quantitative (SQ) | 4 | | | Grade of C | semester 3 • Minimum ASU cumulative GPA of 2.50 | |
| Second language | 4 | | | Grade of C | recommended | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| COM 225: Public Speaking (L) | 3 | | | Grade of C | Complete all critical courses by end of semester 4 | |
| Second language | 4 | | | Grade of C in 202 | Select COM and Related Area courses in conjunction with academic advisor | |
| Computer Science/Statistics/Quantitative Science (CS) | 3 | | | | Minimum ASU cumulative GPA of 2.50 required | |
| General elective | 3 | | | | | |
| General elective | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| COM 207: Introduction to Communication Inquiry | 3 | | | Grade of C | Complete all critical courses by end of semester 4 Select COM and Related Area courses in | |
| Second language | 4 | | | Grade of C in 202 | conjunction with academic advisor | |
| COM elective | 3 | | | Grade of C | Minimum ASU cumulative GPA of 2.50 required | |
| Upper-division Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H) | 3 | \boxtimes | | | | |
| Upper-division general elective | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | | |
| COM 308: Advanced Research Methods in Communication (L) | 3 | \boxtimes | | Grade of C | Select COM and Related Area courses in | |
| Upper-division COM elective (SB) | 3 | | | Grade of C | conjunction with academic advisor | |
| Upper-division related area elective | 3 | | | Grade of C | | |
| Upper-division general elective | 3 | | | Grade of C | | |
| General elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| COM 4** | 3 | \boxtimes | | Grade of C | | |
| Upper-division COM elective | 3 | | | Grade of C | | |
| Upper-division related area elective | 3 | | | Grade of C | | |
| Natural Science-Quantitative (SQ) or Natural Science-General (SG) | 4 | | | | | |
| Upper-division general elective | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| COM 407: Advanced Critical Methods in Communication | 3 | \boxtimes | | Grade of C | | |
| COM 4** | 3 | | | Grade of C | | |
| Upper-division related area elective | 3 | | · | Grade of C | | |
| Upper-division general elective | 3 | \boxtimes | | | | |
| General elective | 2 | | | | | |



Major Map: Communication – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|-----|-------------|--------------|------------------|---------------------------------------|
| (courses in bold/shading are critical) | Hrs | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| COM 4** | 3 | \boxtimes | | | |
| Upper-division general elective | 3 | \boxtimes | | | |
| General elective | 3 | | | | |
| General elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|----------------|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Sciences-Quantitative (SQ) 0
 - Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the U.S. (C) 0
 - Global Awareness (G) 0
 - 0 Historical Awareness (H)
- First-Year Composition



Major Map: Communication – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Competed Transfer Pathway: | | Completed General Education: | | | | |
|--|------|------------------------------|--------------------------|------------------------------|--|--|
| | | ** | | ΓAG □ATP □None | □AGEC □IGETC/CSUGE □None | |
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | |
| ENG 101 or 102: First-Year Composition or | | | | | An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition courses | |
| Mathematics course (MA) | 3 | | | Grade of C | ASU Math Placement Exam score determines | |
| Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the | | | | Grade of C | placement in mathematics course | |
| U.S. (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | All freshmen are required to pass an academic success class and therefore must enroll in an | |
| Social and Behavioral Sciences (SB)) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | Academic Success Cluster and/or a First-Year | |
| Academic Success Class or First-Year Seminar | 1 | | | | Seminar • Select COM and Related Area courses in | |
| Treatment of the control of the cont | - | | | | conjunction with academic advisor | |
| | | | | | Minimum ASU cumulative GPA of 2.50 | |
| General elective | 3 | | | | recommended | |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 or 102: First-Year Composition or | | | | | Select COM and Related Area courses in | |
| ENG 105: Advanced First-Year Composition or | | | | | conjunction with academic advisor | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Complete First-Year Composition by end of | |
| COM 100: Introduction to Human Communication (SB) | 3 | | | Grade of C | • Minimum ASU cumulative GPA of 2.50 | |
| Natural Sciences-Quantitative (SQ) | 4 | | | | recommended | |
| General elective | 3 | | | | _ | |
| General elective | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | ı | | 1 | | |
| COM 225: Public Speaking (L) | 3 | | | Grade of C | Select COM and Related Area courses in conjunction with academic advisor | |
| Computer Science/Statistics/Quantitative Science (CS) | 3 | | | | Minimum cumulative ASU GPA of 2.50 | |
| Natural Sciences-Quantitative (SQ) or Natural Sciences-General (SG) | 4 | | | | required | |
| General elective | 3 | | | | | |
| General elective | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | Select COM and Related Area courses in | |
| COM 207: Introduction to Communication Inquiry | 3 | | | Grade of C | conjunction with academic advisor | |
| COM elective | 3 | | | Grade of C | Minimum cumulative ASU GPA of 2.50 | |
| CLAS Science and Society Upper-division Humanities, Fine Arts, and Design (HU) and Cultural | 3 | | | Grade of C | required | |
| Diversity in the U.S. (C), Global Awareness (G) or Historical | | | | | | |
| Awareness (H) | 3 | ⊠ | | | | |
| General elective | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | CL COM IDIALA | |
| COM 308: Advanced Research Methods in Communication (L) | 3 | | | Grade of C | Select COM and Related Area courses in conjunction with academic advisor | |
| Upper-division COM elective (SB) | 3 | ⊠ | | Grade of C | | |
| Upper-division related area elective | 3 | ⊠ | | Grade of C | - | |
| Upper-division CLAS Science and Society | 3 | ⊠ | | Grade of C | - | |
| General elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | N | | C 1 CC | | |
| COM 4** Linner division COM elective | 3 | | | Grade of C | 1 | |
| Upper-division COM elective Upper-division related area elective | 3 | ⊠ ⊠ | | Grade of C Grade of C | 1 | |
| ** | 3 | | | Grade or C | | |
| Upper-division general elective General elective | 3 | | | | | |
| TERM SEVEN; 91-105 CREDIT HOURS | 3 | | | | | |
| COM 408: Quantitative Research Methods in Communication | 3 | \boxtimes | | Grade of C | | |
| COM 4vs: Quantitative Research Methods in Communication COM 4** | 3 | | | Grade of C | 1 | |
| Upper-division related area elective | 3 | | | Grade of C | | |
| Upper-division general elective | 3 | | | Grade of C | | |
| General elective | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| COM 4** | 3 | \boxtimes | | | | |
| Upper-division general elective | 3 | | | | 1 | |
| General Elective | 3 | | | | † | |
| General Elective | 3 | | | | 1 | |
| | | | | 1 | | |



Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|----------------|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Sciences-Quantitative (SQ)
 - o Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Computational Mathematical Sciences – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|-------------------|-------------------------|--------------------|---|--|
| Course Subject and Title | Hrs. | Upper Division | Transfer | Minimum Grade if | Additional Critical Requirement Notes | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | ПIS. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 101 or 102: First-Year Composition or | | | | | determines placement into first-year composition courses | |
| ENG 105: Advanced First-Year Composition ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | placement in Mathematics course Minimum cumulative 2.80 GPA in all critical | |
| Complete one from: | | _ | | | courses | |
| Cultural Diversity in the US (C) OR Historical Awareness (H) | 3 | | | | Minimum grade of C required in all MAT and STP classes; grade of B or better strongly | |
| Academic Success Class or First Year Seminar (required for freshmen | | | | | correlated with timely graduation | |
| only, transfers must still meet 120 total hours) | 1 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS CSE 100: Principles of Programming with C++ (CS) OR | | | | | Minimum cumulative 2.80 GPA in all critical | |
| CSE 110: Principles of Programming with Java (CS) | 3 | | | Grade of C | courses | |
| MAT 271: Calculus with Analytic Geometry II | 4 | | | Grade of C | Minimum grade of C required in all MAT and STP classes; grade of B or better strongly | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition | | | | | correlated with timely graduation | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| Social & Behavioral Science (SB) | 3 | | | | | |
| Complete remaining course from: Cultural Diversity in the US (C) OR | | | | | | |
| Historical Awareness (H) | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| CSE 205: Object Oriented Programming and Data Structures | 3 | | | Grade of C | First-Year Composition completed by the end of semester 3 | |
| MAT 272: Calculus with Analytic Geometry III | 4 | | | Grade of C | Minimum cumulative 2.80 GPA in all critical | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | courses Minimum grade of C required in all MAT and | |
| Global Awareness (G) | 3 | | | | Minimum grade of C required in all MAT and STP classes; grade of B or better strongly | |
| Literacy and Critical Inquiry (L) | 3 | | | | correlated with timely graduation | |
| TERM FOUR: 46-60 CREDIT HOURS CSE 240: Introduction to Programming Languages OR | | | | | Minimum cumulative 2.80 GPA in all critical | |
| CSE 310: Data Structures and Algorithms (CSE 310 requires the | | | | | courses | |
| completion of pre-requisites CSE 205 and MAT 243 or MAT | | | | | Minimum grade of C required in all MAT and STP classes; grade of B or better strongly | |
| 300) | 3 | | | Grade of C | correlated with timely graduation | |
| MAT 275: Modern Differential Equations MAT 342: Linear Algebra OR | 3 | | | Grade of C | - | |
| MAT 343: Applied Linear Algebra | 3 | \boxtimes | | Grade of C | | |
| Natural Science Quantitative (SQ) (recommend PHY 121/122) | 4 | | | | | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | Minimum grade of C required in all MAT and | |
| MAT 420: Scientific Computing MAT 243: Discrete Math Structures OR | 3 | \square | | Grade of C | STP classes; grade of B or better strongly | |
| MAT 300: Mathematical Structures (L) | 3 | | | Grade of C | correlated with timely graduation | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | | |
| Upper division Literacy and Critical Inquiry (L) OR if MAT 300 completed take Upper division general elective | 3 | | | | | |
| Upper division general elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | , | | |
| MAT 421: Applied Computational Methods | 3 | \boxtimes | | Grade of C | Minimum grade of C required in all MAT and CTP In the CTP | |
| MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I OR | | | | | STP classes; grade of B or better strongly correlated with timely graduation | |
| MAT 460: Vector Calculus | 3 | \boxtimes | | Grade of C | See the department advisor for a list of advanced | |
| Science course | 4 | | | | science courses. | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | | |
| Social & Behavioral Science (SB) | 3 | \boxtimes | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | • Minimum and of Com. 1. 1. HMAT. | |
| Upper division MAT or STP (advanced) course | 3 | | | Grade of C | Minimum grade of C required in all MAT and STP classes; grade of B or better strongly | |
| Upper division (Advanced) Science course | 3 | | | | correlated with timely graduation | |
| Science course Upper division Humanities (HU) or Social Science (SB) | 3 | | | | See the department advisor for a list of advanced science courses. | |
| oppor arrision framanices (110) or social science (31) | ر | <u> </u> | l | 1 | I . | |



Major Map: Computational Mathematical Sciences -**Bachelor of Science (B.S.)**

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title | 11 | Upper | Transfer | Minimum Grade if | Additional Critical Description and Notes |
|---|------|-------------|--------------|------------------|--|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Internship/research/advanced course | 3 | \boxtimes | | | Minimum grade of C required in all MAT and |
| Upper division MAT or STP (advanced) course | 3 | \boxtimes | | Grade of C | STP classes; grade of B or better strongly correlated with timely graduation |
| UD Science | 3 | \boxtimes | | | See the department advisor for a list of advanced |
| Upper division general elective | 3 | \boxtimes | | | science courses. |
| General Elective | 1 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|------------------------|---|---------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - 0 Mathematical Studies (MA)
 - 0
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) Natural Science-Quantitative (SQ) 0
 - 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Earth and Space Exploration – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ ☐ | ster Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|---------------------------|-----------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| | 3 | | | Condo of C | An SAT, ACT, Accuplacer, or TOEFL score |
| SES 100: Introduction to Exploration SES 101: Earth, Solar System, and Universe I | 3 | | | Grade of C Grade of C | determines placement into first-year |
| SES 101: Earth, Solar System, and Universe I SES 103: Earth, Solar System, and Universe Laboratory I | 1 | | | Grade of C | composition courses • ASU Math Placement Exam score determines |
| ENG 101 or 102: First-Year Composition or | 1 | Ш | | Grade of C | placement in Mathematics course |
| ENG 105: Advanced First-Year Composition or | | _ | | | All freshmen must pass an academic success |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | course and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar |
| MAT 170 if needed or elective | 3 | | | Grade of C for MAT | |
| General Elective | 3 | | | | |
| Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| CHM 114: General Chemistry for Engineers | 4 | | | Grade of C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | | | Grade of C | |
| SES 102: Earth, Solar System, and Universe II | 3 | | | Grade of C | |
| SES 104: Earth, Solar System, and Universe Laboratory II ENG 101 or 102: First-Year Composition or | 1 | | | Grade of C | |
| ENG 101 of 102. Prist-Year Composition of ENG 105: Advanced First-Year Composition or | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| PHY 121/122: University Physics I and Laboratory | 3/1 | | | Grade of C | First-Year Composition must be completed by the end of term 3 |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | the end of term 3 |
| SES 210: Engineering Systems and Experimental Design | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | |
| General Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | , | | | | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the | | | | | |
| US (C), Global Awareness (G), or Historical Awareness (H) | 3 | | | | |
| PHY 131: University Physics I: Mechanics | 3 | | | Grade of C | |
| PHY 123: University Physics Laboratory I | 1 | | | Grade of C | |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | |
| CLAS Science and Society | 3 | | | Grade of C | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| SES/GLG/AST Upper Division Elective (See DARS for list) | 3 | | | Grade of C | |
| SES Branch Course | 3 | | | Grade of C | |
| SES 310: Concepts of Electrical & Mechanical Engineering Design | 3 | | | Grade of C | |
| Upper Division CLAS Science and Society Social & Behavioral Science (SB) and Cultural Diversity (C), Global | 3 | \boxtimes | | Grade of C | |
| Awareness (G), or Historical Awareness (H): | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| MAT 275: Modern Differential Equations | 3 | | | Grade of C | |
| SES/GLG/AST Upper Division Elective (See DARS for list) | 3 | \boxtimes | | Grade of C | |
| SES Branch course | 3 | \boxtimes | | | |
| Social and Behavioral Science (SB) | 3 | | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | ı | |
| SES 410: Senior Exploration Project I | 3 | \square | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| GLG 400: Geology Colloquium | 1 | \boxtimes | | Grade of C | |
| SES Branch Course | 3 | \boxtimes | | Grade of C | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SES 411: Senior Exploration Project II | 3 | \boxtimes | | Grade of C | |
| Upper division Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) | 3 | \boxtimes | | | |
| Upper division General Elective | 3 | | | | |
| Upper division General Elective | 3 | | | | |
| Upper division General Elective | 2 | | | | |
| Opper arrision deneral Elective | | لاعا | | 1 | |



Major Map: Earth and Space Exploration – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|------------------------------|------------------------|---|------------------------------|--|
| Illillillillil) | minimum) | 2.0) | | (56 minimum) | minimum) | Tits. (04 maximum) |
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this map to add a concurrent degree, minor, or certificate

SES Branch courses – 9 credit hours must be completed:

AST 321: Intro to Planetary and Stellar Astronomy (3)

AST 322: Intro to Galactic and Extragalactic Astronomy (3)

SES 31: Essentials of Astrobiology (3)

GLG 321: Mineralogy (3)

GLG 424: Petrology (3)

SES 330: Practical Engineering and Inst. Assembly (3)

SES 405 Systems Engineering for Space Missions (3)

GLG 310: Structural Geology (3)

GLG 418: Geophysics (3)

GLG 470: Hydrogeology (3) or CEE 440: Engineering Hydrology (3)

GLG 481: Geochemistry (3)

GLG 490: Topics in Geology: Remote Sensing (3)



Major Map: Earth and Environmental Studies—Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subset and Time Course Caster Register Register Course Caster Register | | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|---|------|-------------|---------------|--------------------|--|
| Cite Grade of C Cite C | | | Upper | Transfer | Minimum Grade if | |
| Grade of C A SAT. ACT. Accuplence, or TOPEL sove Geld Gills Bit network to the Psical Geology and Gill Gills Bit network to the Psical Geology and Gill Gills Bit network to the Psical Geology and Gill Gills Bit network to the Psical Geology and Gills Gills Bit network to the Psical Gills G | | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| Academic Success (Class and England Success) (Classes) | | | | | | An SAT ACT Accuplacer or TOFFI score |
| ASI Math Placement Exam score determines | | 3/1 | | | Grade of C | determines placement into first-year |
| INCLUDIO 101 102 Finst-Year Composition or | MAT 117, if necessary, or Second Language | | | | Grade of C if MAT | |
| ENG 107 or 108: English for Foreign Students Social and Bethavioral Science (SB) | | | _ | | | placement in Mathematics course |
| Social and Behavioral Science (SB) 3 | | 3 | | | Grade of C | |
| Academic Success Class or First Year Seminar | | 3 | | | | Success Cluster and/or a First Year Seminar |
| CHM/BIO/Der PIV From list of approved courses (see note) | Academic Success Class or First Year Seminar | 1 | | | | |
| CHM Distribute Distribute Distri | TERM TWO: 16-30 CREDIT HOURS | | | | | |
| MAT 19Pec (aclue is, 0) or MAT 210 Brief Calculus 3 | CHM/BIO/or PHY from list of approved courses (see note) | 4 | | | Grade of C | |
| Grade of C Chemistry 1 (SQ) OR CHM 114 : General Chemistry 1 (SQ) | | 4 | | | Grade of C | |
| Bill 100 The Living World (SQ) OR BID 181: Second language | MAT 170 Pre-Calculus (3) or MAT 210 Brief Calculus | 3 | П | | Grade of C | Chemistry I (SQ) OR CHM 114: General |
| ENG IO7 or 108: English for Foreign Students Second language 4 | | | | | Grade of C | |
| Second language Grade of C if proficiency level Grade of C if proficiency level Grade of C if proficiency level Grade of C if proficiency level Grade of C Grade | | 3 | | | Grade of C | |
| TERM THREE 31-45 CREDIT HOURS Complete one of the following: Class Water Planet 108 OR GLG 108: Water Planet 108 OR GLG 108: Water Planet 108 OR GLG 109: Material Planet 108 OR GLG 109: Material Planet 108 OR GLG 109: Material Planet 108 OR GLG 109: Material Planet 108 OR GLG 109: Material Planet 108 OR GLG 109: Material Planet 108 OR GLG 109: Material Planet 108 OR GLG 109: Material Planet 108 OR Grade of C Must complete second language requirement by end of term 5. For most languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or higher. There are some languages, this is 20 or hi | ENG 107 or 108: English for Foreign Students | | | | | |
| TERM THREE: 31-45 CREDIT HOURS CHM/BIO/or PHY from list of approved courses (see note) 4 | Second language | 4 | | | | |
| CHM/BIO/or PHY from list of approved courses (see note) Complete one of the following: CIG. 1016. Habitable World OR GLG 108: Water Planet 108 OR GLG 1018: Water Planet 108 OR GLG 1019: Water Planet 108 OR GLG 1019: Water Planet 108 OR Social and 111: Geologic Disasters and the Environment (SG & G) & G) Social and Behavioral Science (SB) and Cultural Social and Science (SB) and Cultural Social and Science (SB) and Cultural Social and Science (SB) and Cultural Social and Science (SB) and Science (SB) and Science (SB) and Science (SB) and Science (SB) and Science (SB) and Science (SB) and Science (SB) and Science (SB) and Science (SB) and Science | TERM THREE: 31-45 CREDIT HOURS | | | | pronouncy level | Mechanics and PH 1 122. Lab (SQ) |
| Complete one of the following: | | 4 | | | Grade of C | CHM/BIO/PHY approved courses: |
| GIG 108: Water Planet 108 OR GIG 110 and 111: Geologic Disasters and the Environment (SG & G) Second language if proficiency not complete, else elective 4 | Complete one of the following: | | | | | |
| Grade of C if proficiency not complete, else elective 4 Grade of C if proficiency level Diversity Awareness (C) or Historical Awareness (H) 3 Grade of C Grade of C if proficiency level Diversity Awareness (C) or Historical Awareness (H) 3 Grade of C GLG 3027: The Critical Zone 3 Grade of C Glade of C if grade of C Grade of C Glade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C if grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C General Elective 3 Grade of C Grade of C Of Historical Awareness (H) Grade of C Grade of C Of Historical Awareness (H) Grade of C Grade of C Of Historical Awareness (H) Grade of C Grade of C Of Historical Awareness (H) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C Grade of C Grade of C Of Historical Inquiry (L) Grade of C Grade of C | | 4 | П | | Grade of C | |
| Second language if proficiency not complete, else elective 4 | | · | | | Grade of C | |
| Second language if proficiency level Social and Behavioral Science (SB) and Cultural Diversity Awareness (C) or Historical Awareness (H) Bumanities (HU) 3 | & G) | | | | Grade of C if | |
| Soliciant Belianovial Science (Sp) and Cultural Diversity Physics I: Mechanics and PHY 121: University Physics I: Mechanics and PHY 122: Lab (SQ) | | 4 | | | | |
| Mechanics and PHY 122: Lab (SQ) Mechanics and PHY 122: Lab (SQ) | | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS GLG 305: The Dynamic Earth GLG 327: The Critical Zone Second language if proficiency not complete, else elective Humanities (HU) and Cultural Diversity Awareness (C) or Historical Awareness (H) General Elective TERM FIVE: 61-75 CREDIT HOURS GLG 325: Oceanography Computer/Statistics/Quantitative Applications (CS) Literacy and Critical Inquiry (L) General Elective 3 | | 3 | П | | | |
| GLG 305: The Dynamic Earth GLG 327: The Critical Zone Second language if proficiency not complete, else elective Humanities (HU) and Cultural Diversity Awareness (C) or Historical Awareness (H) General Elective Grade of C Forade of C if proficiency level Humanities (HU) and Cultural Diversity Awareness (C) or Historical Awareness (H) General Elective GLG 325: Oceanography Somputer/Statistics/Quantitative Applications (CS) Literacy and Critical Inquiry (L) General Elective John Literacy and Critical Inquiry (L) General Elective Upper Division General Elective TERM SIX: 76-90 CREDIT HOURS Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C Must complete second language requirement by end of term 5. For most languages, this is 202 or higher. There are some languages, however, with a different numbering system. See your advisor for clarification. Farth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C | | | | | | |
| Second language if proficiency not complete, else elective Humanities (HU) and Cultural Diversity Awareness (C) or Historical Awareness (H) General Elective 3 | | 3 | \boxtimes | | Grade of C | |
| Humanities (HU) and Cultural Diversity Awareness (C) or Historical Awareness (H) General Elective 3 | GLG 327: The Critical Zone | 3 | | | Grade of C | |
| Humanities (HU) and Cultural Diversity Awareness (C) or Historical Awareness (H) General Elective 3 | Second language if proficiency not complete, else elective | 4 | | | | |
| General Elective 3 | | 3 | П | | proneiency lever | |
| TERM FIVE: 61-75 CREDIT HOURS GLG 325: Oceanography Computer/Statistics/Quantitative Applications (CS) Literacy and Critical Inquiry (L) General Elective Upper Division General Elective TERM SIX: 76-90 CREDIT HOURS Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C Grade of C Must complete second language requirement by end of term 5. For most languages, this is 202 or higher. There are some languages, however, with a different numbering system. See your advisor for clarification. Farth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C Grade of C | | | | | | |
| GLG 325: Oceanography Computer/Statistics/Quantitative Applications (CS) Literacy and Critical Inquiry (L) General Elective Upper Division General Elective TERM SIX: 76-90 CREDIT HOURS Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C Grade of C Must complete second language requirement by end of term 5. For most languages, his is 202 or higher. There are some languages, however, with a different numbering system. See your advisor for clarification. Farth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C Grade of C | | 3 | Ш | | | |
| Computer/Statistics/Quantitative Applications (CS) Literacy and Critical Inquiry (L) General Elective 3 | | 3 | M | | Grade of C | Must complete second language requirement by |
| Literacy and Critical Inquiry (L) General Elective Upper Division General Elective TERM SIX: 76-90 CREDIT HOURS Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C Grade of C Grade of C | | | | | Grade of C | end of term 5. For most languages, this is 202 or |
| General Elective 3 | 1 11 1 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C Grade of C | General Elective | 3 | | | | |
| Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C Grade of C | Upper Division General Elective | 3 | \boxtimes | | | |
| advisor for list) Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C Grade of C Grade of C | | | | | | |
| Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C | | 3 | | | Grade of C | |
| advisor for list) | Earth/Environmental Studies Upper Division Elective (see SES | 3 | M | | Grade of C | |
| Upper Division General Elective 3 🗵 | · · | | | | Grade of C | |
| Upper Division Literacy and Critical Inquiry (L) 3 | ** | | | | | |
| General Elective 3 | 11 3 1 3 7 | | | | | 1 |
| TERM SEVEN: 91-105 CREDIT HOURS | | , | | | | |
| Earth/Environmental Studies Upper Division Elective (see SES advisor for list) Grade of C | Earth/Environmental Studies Upper Division Elective (see SES | 3 | | | Grade of C | |
| Earth/Environmental Studies 400-level Elective (see SES advisor for list) Grade of C | Earth/Environmental Studies 400-level Elective (see SES advisor for | 3 | \boxtimes | | Grade of C |] |
| Upper Division General Elective 3 🖂 | | 3 | \square | | | |
| | Upper Division Humanities, Fine Arts & Design (HU) or Social & | 3 | | | | 1 |
| Unner Division Humanities, Fine Arts & Design (HII) or Social & | Behavioral Science (SB) | 3 | \boxtimes | | | |



Major Map: Earth and Environmental Studies-Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|------|-------------|--------------|------------------|------------------------------------|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Earth/Environmental Studies 400-level Elective (see SES advisor for list) | 3 | | | Grade of C | |
| GLG 464: Solving Environmental Problems | 3 | \boxtimes | | Grade of C | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| General Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition



Major Map: Earth & Space Exploration (Astrophysics) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|-------------------------|---------------------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS SES 100: Introduction to Exploration | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| SES 101: Earth, Solar System, Universe | 3 | | | Grade of C | determines placement into first-year |
| SES 103: Earth, Solar System, Universe Lab | 1 | | | Grade of C | composition courses ASU Math Placement Exam score determines |
| MAT 265: Calculus for Engineers I | 3 | | | Grade of C | placement in Mathematics course |
| PHY 121: University Physics I | 3 | | | Grade of C | All freshmen must pass an academic success |
| PHY 122: University Physics I Lab | 1 | | | Grade of C | course and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar |
| ENG 101 or 102: First-Year Composition or | | | | | Success Cluster and/or a First Tear Seminar |
| ENG 105: Advanced First-Year Composition or | 3 | | | Grade of C | |
| ENG 107 or 108: English for Foreign Students | | | | | |
| Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | 2 | | | 0 1 60 | |
| SES 102: Earth, Solar System, Universe II | 3 | | | Grade of C | |
| SES 104: Earth, Solar System, Universe II Lab | 1 | | | Grade of C | |
| MAT 266: Calculus for Engineers II | 3 | | | Grade of C | |
| PHY 131: University Physics II | 3 | | | Grade of C | |
| PHY 132: University Physics II Lab | 1 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | 3 | | | Grade of C | |
| ENG 107 or 108: English for Foreign Students | 3 |] | | Grade of C | |
| Social & Behavioral Science (SB) and Cultural | | | | | |
| Diversity (C), Global Awareness (G) or Historical | 3 | | | | |
| Awareness (H) TERM THREE: 31-45 CREDIT HOURS | | | | | |
| MAT 267: Calculus for Engineers III | 3 | | | Grade of C | |
| PHY 241: University Physics III | 3 | | | Grade of C | |
| CSE 100: Principles of Programming C++ | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) and Cultural | 3 |] | | Grade of C | |
| Diversity (C), Global Awareness (G) or Historical | 3 | | | | |
| Awareness (H) | | | | | |
| General Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| MAT 275: Differential Equations | 3 | | | Grade of C | |
| PHY 201: Mathematics Methods in Physics | 3 | | | Grade of C | |
| CLAS Science and Society | 3 | | | Grade of C | |
| Social & Behavioral Science (SB) and Cultural | 2 | | | | |
| Diversity (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| PHY 314: Quantum Physics I | 3 | \boxtimes | | Grade of C | |
| AST 321: Introduction to Planetary Stellar Astrophysics | 3 | \boxtimes | | Grade of C | |
| GLG 400: Colloquium | 1 | \boxtimes | | Grade of C | |
| Humanities, Fine Arts & Design (HU) | 3 | | | Grade of C | |
| Upper Division General Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| SES Upper Division Elective | 3 | \boxtimes | | Grade of C | |
| AST 322: Introduction to Galactic/Extragalactic Astrophysics | 3 | | | Grade of C | |
| Upper Division CLAS Science and Society | 3 | | | Grade of C | |
| Upper Division Literacy and Critical Inquiry | 3 | | | | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| AST 421: Astrophysics I | 3 | \boxtimes | | Grade of C | |
| SES 410 Senior Exploration Project I | 3 | \boxtimes | | Grade of C | |
| Upper Division Humanities, Fine Arts & Design (HU) or Social | | | | | |
| Behavioral Science (SB) | 3 | | | | |
| Upper Division General Elective | 3 | | | | |
| General Elective | 2 | | | | |



Major Map: Earth & Space Exploration (Astrophysics) -Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|------|-------------|--------------|------------------|------------------------------------|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SES 411: Senior Exploration Project II | 3 | \boxtimes | | Grade of C | |
| AST 422: Astrophysics II | 3 | | | Grade of C | |
| AST 494: Astrophysics Seminar | 1 | \boxtimes | | Grade of C | |
| Upper Division General Elective | 3 | | | | |
| Upper Division General Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Economics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | ısfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|--------|-------------|---------------|----------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| Course with MAT prefix based on Math Placement Exam score | 3 or 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 or 102: First-Year Composition OR | 3 01 4 | | | Grade of C | determines placement into first-year |
| ENG 105: Advanced First-Year Composition OR | 2 | | | 0 1 60 | composition courses ASU Math Placement Exam score determines |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course |
| Humanities, Fine Arts & Design (HU) Academic Success Class or First Year Seminar (required for | 3 | Ш | | | |
| freshmen only, transfers must still meet 120 total hours) | 1 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | ı | i | |
| MAT 210: Brief Calculus (MA) – 3 OR MAT 270: Calculus with Analytic Geometry I – 4 (MA) | 3 or 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR | 3 01 1 | J | | Grade of C | |
| ENG 107 and 108: English for Foreign Students OR | 2 | | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Historical Awareness (H) | 3 | | | | |
| Natural Science Quantitative (SQ) or General (SG) | 3 | | | | |
| Cultural Diversity in the U.S. (C) TERM THREE: 31-45 CREDIT HOURS | 3 | | | | |
| MAT 211: Mathematics for Business Analysis – 3 OR | | | | | First-Year Composition completed by the end of |
| MAT 271: Calculus with Analytic Geometry II – 4 | 3 or 4 | | | Grade of C | semester 3 |
| Complete one course from: | | | | | |
| ECN 211 Macroeconomic Principles (SB) ECN 212 Microeconomic Principles | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) | 3 | | | Grade of C | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Encludy & Critical inquity (E) | 3 | J | | | |
| General Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| ECN 221: Business Statistics – 3 (CS) OR STP 226: Elements of Statistics – 3 (CS) | 3 | | | Grade of C | |
| Complete remaining course from: | 3 | | | Grade of C | |
| ECN 211 Macroeconomic Principles (SB) | | | | | |
| ECN 212 Microeconomic Principles | 3 | | | Grade of C | |
| Upper division Related Field Elective | 3 | | | | |
| CLAS Science & Society | 3 | | | Grade of C | |
| Global Awareness (G) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | | | 0 1 60 | |
| ECN 312: Intermediate Microeconomic Theory ECN 3** | 3 | | | Grade of C | |
| | 3 | ⊠ | | Grade of C | |
| Upper division Related Field Elective Upper division CLAS Science & Society | 3 | | | Grade of C | |
| General Elective | 3 | | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| ECN 313: Intermediate Macroeconomic Theory | 3 | \boxtimes | | Grade of C | |
| ECN 3** | 3 | | | Grade of C | |
| ECN 4** | 3 | ⊠ | | | |
| General Elective | 3 | | | | |
| General Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| ECN 410: Applied Business Forecasting OR | | _ | | | |
| ECN 425: Introduction to Econometrics | 3 | | | Grade of C | |
| ECN 4** | 3 | | | Grade of C | |
| Upper division general elective | 3 | | | | |
| General Elective | 1-3 | | | | |
| General Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | 2 | | | 0 1 60 | |
| ECN 475: Capstone in Economics (L) | 3 | | | Grade of C | |
| Upper division General Elective | 3 | | | | |
| Upper division General Elective | 3 | | | | |
| Upper division General Elective Upper division General Elective | 3 | | | | |
| Opper division General Elective | ٥ | | l | 1 | <u> </u> |



Major Map: Economics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.00) | Major GPA (2.00 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|----------------------------------|--------------------------|---|---------------------------|---------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map : English (Creative Writing) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | | Completed General Education: |
|--|------|--------------------|---------------|----------------------------------|--|
| Course Subject and Title | 1 | Unnar | ☐ MAPP ☐ | ΓAG □ATP □None Minimum Grade if | □AGEC □IGETC/CSUGE □None |
| (courses in bold/shading are critical, <u>concentration courses are underlined</u>) | Hrs. | Upper- Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| WAC 101 Introduction to Academic Writing OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 or 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR | | | | | determines placement into first-year composition courses |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| MAT 142 College Mathematics (or higher) (MA) | 3 | | | Grade of C | placement in Mathematics course |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | | | All freshmen are required to pass an academic success class and therefore must enroll in an |
| Second Language | 4 | | | | Academic Success Cluster and/or a First-Year |
| Academic Success Class OR | | _ | | | Seminar |
| First-Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS WAC 101 Introduction to Academic Writing OR | | | | | 3.25 average in English courses beyond first-year |
| ENG 101 or 102 First-Year Composition OR | | | | | composition courses required. |
| ENG 105 Advanced First-Year Composition OR | _ | _ | | | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | |
| Social & Behavioral Science (SB) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| Second Language | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS ENG 200 Critical Reading and Writing About Literature (L) | | | | | 2.25 avanage in English assurage havend first year |
| ENG 287 Beginning Creative Writing Workshop in Poetry OR | 3 | | | Grade of C | 3.25 average in English courses beyond first-year composition courses required. |
| ENG 287 Beginning Creative Writing Workshop in Poetry OR ENG 288 Beginning Creative Writing Workshop in Fiction | 3 | | | Grade of C | composition courses required. |
| Natural Science, Quantitative (SQ) or General (SG) | 4 | | | Grade of C | |
| Second Language (G if modern language) | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Take the course you did NOT take in Term 3: | | | | | 3.25 average in English courses beyond first-year |
| ENG 287 Beginning Creative Writing Workshop in Poetry OR | 2 | | | 0 1 60 | composition courses required. |
| ENG 288 Beginning Creative Writing Workshop in Fiction ENG 387 Intermediate Creative Writing Workshop in Poetry OR | 3 | | | Grade of C | MILESTONE: successful completion of portfolio |
| ENG 388 Intermediate Creative Writing Workshop in Fiction | 3 | \boxtimes | | Grade of C | review |
| ENG/ENH American Literature Elective (200-level) (HU) | 3 | | | Grade of C | |
| Social & Behavioral Science (SB) | 3 | | | | |
| Second Language (4th-semester CLAS Proficiency) | 4 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| Take the course you did NOT take in Term 4: | | | | | 3.25 average in English courses beyond first-year |
| ENG 387 Intermediate Creative Writing Workshop in Poetry OR ENG 388 Intermediate Creative Writing Workshop in Fiction | 3 | \boxtimes | | Grade of C | composition courses required. |
| ENG/ENH American Literature Elective (200 level) (HU) | 3 | | | Grade of C | |
| ENG/ENH Elective | 3 | | | Grade of C | |
| Upper-Division Elective | 3 | ⊠ | | Grade or C | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| ENG 487 Advanced Creative Writing Workshop in Poetry OR | | | | | 3.25 average in English courses beyond first-year |
| ENG 488 Advanced Creative Writing Workshop in Fiction | 3 | | | Grade of B | composition courses required. |
| ENG/ENH Literature Elective (300 level) (L & C) | 3 | \square | | Grade of C | |
| ENG/ENH Literature Elective (300 level) (HU) | 3 | \boxtimes | | Grade of C | |
| Upper-division Elective (that is an Global Awareness [G] if G not already completed) | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | J | | | | |
| ENG 490 Literary Forms: Theory and Practice in Poetry OR | | | | | 3.25 average in English courses beyond first-year |
| ENG 491 Literary Forms: Theory and Practice in Fiction | 3 | ⊠ | | Grade of B | composition courses required. |
| ENG/ENH Literature Elective (400 level) | 3 | ⊠ | | Grade of C | |
| Upper-Division Elective (that is a Historical Awareness [H] if H not already completed) | 3 | \boxtimes | | | |
| Upper-division Elective OR | | | | | |
| ENG 484 Internship OR ENG 492 Honors Directed Study | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| Elective | 2 | | | | |



Major Map: English (Creative Writing) – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical, <u>concentration courses are underlined</u>) | Hrs. | Upper- Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|--------------------|--------------------------|------------------------------|---|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ENG 498 Pro-Seminar: Fiction OR ENG 498 Pro-Seminar: Poetry | 3 | | | Grade of B | 3.25 average in English courses beyond first-year composition courses required. |
| ENG/ENH Literature Elective (400 level) | 3 | | | Grade of C | |
| Upper-division Elective | 3 | \boxtimes | | | |
| Upper-division Elective OR ENG 493 Honors Thesis | 3 | | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) | Major GPA (3.25 minimum) |
|------------------------------|--------------------------------|-------------------------------|-----------------------------------|--|---------------------------------------|--------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

BA English with Concentration in Creative Writing (45 hours), 2010-11 Catalog

Required Courses

ENG 200 Critical Reading and Writing about Literature

ENG 287 Beginning Creative Writing Workshop in Poetry

ENG 288 Beginning Creative Writing Workshop in Fiction

ENG 387 Intermediate Creative Writing Workshop in Poetry

ENG 388 Intermediate Creative Writing Workshop in Fiction

ENG 487 Advanced Creative Writing Workshop in Poetry or 488 Advanced Creative Writing Workshop in Fiction (with grade of "B" or above)

ENG 490 Literary Forms: Theory and Practice in Poetry or 491 Literary Forms: Theory and Practice in Fiction (with grade of "B" or above)

ENG 498 Pro-Seminar: Fiction or Poetry (each genre taught in alternative semesters) (prereq: ENG 487 or 488) (with grade of "B" or above)

Literature

Two courses in American literature at the 200 level and above.

Two courses in any area of literary study at the 300 level and above.

Two courses in any area of literary study at the 400 level and above.

Elective

One elective course, chosen from the department's offerings at the 200 level or above, is needed to complete the 45 hours. An Internship (ENG 484) or ENG 385 Career Development for English Majors is highly encouraged.

Among the total of 45 hours in the major:

- One 300- or 400-level course must carry the General Studies "L."
- At least 12 upper-division credit hours must be taken at the Tempe campus, including the ENG 487/488 writing workshop in the student's chosen genre.
- All courses in the major must earn a grade of C (2.00) or higher.
- A 3.25 GPA in the major is required for graduation.



Major Map : English (Linguistics) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|---|-----------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical, <u>concentration courses are underlined</u>) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS WAC 101 Introduction to Academic Writing OR ENG 101 or 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR | | _ | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| Modern Second Language | 4 | | | | All freshmen are required to pass an academic |
| Social/Behavioral Science (SB) MAT 142 College Mathematics (or higher) (MA) | 3 | | | Grade of C | success class and therefore must enroll in an Academic Success Cluster and/or a First Year |
| Academic Success Class OR First-Year Seminar | 1 | | | Grade of C | Seminar |
| TERM TWO: 16-30 CREDIT HOURS | 1 | | | | |
| WAC 101 Introduction to Academic Writing OR ENG 101 or 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | 2.0 in English courses beyond first-year composition courses required. |
| Modern Second Language | 4 | | | | |
| Social & Behavioral Science (SB) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | ı | |
| ENG 200 Critical Reading and Writing About Literature (L) ENG 213 Introduction to the Study of Language OR one of the following: | 3 | | | Grade of C | 2.0 in English courses beyond first-year composition courses required. |
| 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 (HU) OR | | | | | |
| ENG 242 Literatures of the United States, 1860 to Present (HU) | 3 | | | Grade of C | |
| Modern Second Language (G) | 4 | | | | |
| Elective | 3 | | | | |
| Natural Science Quantitative (SQ) or General (SG) TERM FOUR: 46-60 CREDIT HOURS | 4 | | | | |
| Take whichever you did not take in term 3: ENG 213 Introduction to the Study of Language OR one of the following: 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 (HU) OR | | | | | 2.0 in English courses beyond first-year composition courses required. |
| ENG 242 Literatures of the United States, 1860 to Present (HU) | 3 | | | Grade of C | |
| ENG 312 English in Its Social Setting (L) OR ENG 314 Modern Grammar | 3 | ⊠ | | Grade of C | |
| Modern Second Language (4 th -semester CLAS Proficiency) | 4 | | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS Take the course you did not take in term 4. | | | | | 2.0 in English courses beyond first-year composition |
| ENG 312 English in Its Social Setting (L) OR | 2 | | | 0 1 60 | courses required. |
| ENG 314 Modern Grammar | 3 | | | Grade of C Grade of C | |
| Upper-division ENG/ENH Elective (HU & C) Modern Language 300 level | 3 | | | Grade of C | |
| ENG 413 History of English Language (HU) | 3 | | | Grade of C | |
| Elective | 3 |] | | | |
| TERM SIX: 76-90 CREDIT HOURS | _ | | | | |
| ENG 313 Phonology and Morphology | 3 | \boxtimes | | Grade of C | 2.0 in English courses beyond first-year composition |
| ENG 414 Studies in Linguistics | 3 | \boxtimes | | Grade of C | courses required. |
| Upper-division ENG/ENH Elective (recommended: ENG 385 Career Development for English Majors) | 3 | | | Grade of C | |
| Modern Language 300 level | 3 | | | Grade of C | |
| Elective (2 units—or two 1-unit Electives) | 2 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| ENG 414 Studies in Linguistics | 3 | \boxtimes | | Grade of C | 2.0 in English courses beyond first-year composition |
| Modern Language 400 Level | 3 | \boxtimes | | Grade of C | courses required. |
| Upper-division Elective OR ENG 484 Internship OR ENG 492 Honors Directed Study | 3 | \boxtimes | | | |
| Elective | 3 | 10 | | | |
| Elective | 3 | | | | |



Major Map: English (Linguistics) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|------|-------------|--------------|------------------|--|
| (courses in bold/shading are critical, concentration courses are underlined) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ENG 414 Studies in Linguistics | 3 | \boxtimes | | | 2.0 in English courses beyond first-year composition |
| Upper-division ENG/ENH Elective OR | | | | | courses required. |
| ENG 493 Honors Thesis | 3 | \boxtimes | | | |
| Upper-division Elective (that is an Historical Awareness [H] if H not | | | | | |
| already completed) | 3 | \boxtimes | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

BA in English with Concentration in Linguistics (42 hours), 2010-11 Catalog

| Required Co | ourses |
|-------------|---|
| ENG 200 | Critical Reading and Writing about Literature (<i>L/HU</i>) |
| ENG 213 | Introduction to the Study of Language (or ASB 480 Principles of Linguistics [SB]) |
| ENG 221 | Survey of English Literature to 1798 (HU) or ENG 222 Survey of English Literature since 1798 (HU, H) or ENG 241 Literatures of the United |
| | States to 1860 (HU) or ENG 242 Literatures of the United States, 1860 to Present (HU) |
| ENG 312 | English in Its Social Setting (<i>L/HU/SB</i>) |
| ENG 313 | Phonology and Morphology (Spring semester only) |
| ENG 314 | Modern Grammar |
| ENG 413 | History of the English Language (HU) |
| ENG 414 | Studies in Linguistics (to be repeated for a total of 9 credit hours) |
| ENG 414 | |
| ENG 414 | |
| | |

Twelve additional hours are electives chosen in consultation with the student's advisor. These courses must be at the 200 level and above, and up to 2 non-ENG courses closely related to English may be used with prior advisor approval. At least one must be a 3-credit course in a modern language other than English at the 400 level or above. Internships (ENG 484) and/or ENG 385 Career Development for English Majors are highly encouraged.

| ENG/ENH _ | | |
|-------------------|-------------------|-----------------|
| ENG/ENH | | |
| ENG/ENH | _ | |
| $(4\overline{0})$ | 0-level modern la | anguage course) |

Among the total of 42 hours in the major:

- At least 18 hours must be upper division (300 or 400 level), with at least 12 of these hours taken at ASU (any campus).
- One 300- or 400-level course must carry the General Studies "L."
- All courses in the major must earn a grade of C (2.00) or higher.



Major Map : English (Literature) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|-------------|--|------------------|---|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical, concentration courses are underlined) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS WAC 101 Introduction to Academic Writing OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 101 or 102 First-Year Composition OR | | | | | determines placement into first-year | |
| ENG 105 Advanced First-Year Composition OR ENG 107 or 108 English for Foreign Students MAT 142 College Mathematics (or higher) (MA) Second Language Social & Behavioral Science (SB) Academic Success Class OR | | | | 0 1 60 | composition courses | |
| | | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course | |
| | | | | Grade of C | All freshmen are required to pass an academic success class and therefore must enroll in an • Academic Success Cluster and/or a First-Year Seminar | |
| | | | | | | |
| | | Ш | | | | |
| First-Year Seminar | 1 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| WAC 101 Introduction to Academic Writing OR ENG 101 or 102 First-Year Composition OR | | | | | 2.0 in English courses beyond first-year | |
| ENG 105 Advanced First-Year Composition OR | | | | | composition courses required. | |
| ENG 107 or 108 English for Foreign Students | 3 | | | Grade of C | | |
| Second Language | 4 | | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 1 | | | | | |
| ENG 200 Critical Reading and Writing About Literature (L) | 3 | | | Grade of C | 2.0 in English courses beyond first-year composition courses required. | |
| ENG/ENH 200-level Literature Course (HU) | 3 | | | Grade of C | composition courses required. | |
| Social & Behavioral Science (SB) | 3 | | | | | |
| Second Language (G if modern language) | 4 | | | | | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | 2.0 in English courses beyond first-year | |
| ENG/ENH Course (HU) | 3 | | | Grade of C | composition courses required. | |
| ENG/ENH Course ENG/ENH Course | 3 | | | Grade of C | | |
| Second Language (4 th -semester CLAS Proficiency) | 3 | | | Grade of C | | |
| Elective (that is an Historical Awareness [H] if H not already | 4 | | + | Grade of C | _ | |
| completed) | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| Upper-division ENG/ENH Course (L & C) | 3 | \boxtimes | | Grade of C | 2.0 in English courses beyond first-year | |
| Upper-division ENG/ENH Course (HU) | 3 | | | Grade of C | composition courses required. | |
| Upper-division ENG/ENH Course | 3 | | | Grade of C | | |
| Elective | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 1 | | | | | |
| Upper-division ENG/ENH Course | 3 | | | Grade of C | 2.0 in English courses beyond first-year composition courses required. | |
| Upper-division ENG/ENH Course | 3 | | | Grade of C | composition courses required. | |
| Upper-division ENG/ENH Course (recommended: ENG 385 Career Development for English Majors) | 3 | \boxtimes | | Grade of C | | |
| Elective | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | _ | | | |
| Upper-division ENG/ENH Course | | \boxtimes | | Grade of C | 2.0 in English courses beyond first-year | |
| Upper-division ENG/ENH Course OR | | | | | composition courses required. | |
| ENG 484 Internship OR ENG 492 Honors Directed Study | 3 | \boxtimes | | Grada of C | | |
| Upper-division Elective | 3 | | | Grade of C | | |
| Upper-division Elective | 3 | ⊠ | | | | |
| Elective (2 units—or two 1-unit Electives) | 2 | | | | 4 | |
| TERM EIGHT: 106-120 CREDIT HOURS | L | | | | | |
| Upper-division ENG/ENH Course | 3 | \boxtimes | | Grade of C | 2.0 in English courses beyond first-year | |
| Upper-division ENG/ENH Course OR | , | Z | | Stade of C | composition courses required. | |
| ENG 493 Honors Thesis | 3 | \boxtimes | | Grade of C | | |
| Upper-division Elective (that is a Global Awareness [G] if G not already completed) | 3 | | | | | |
| Upper-division Elective | 3 | | | | _ | |
| Upper-division Elective | 3 | | | | | |



Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

BA English with Concentration in Literature (45 hours), 2010-11 Catalog

REQUIRED

ENG 200 Critical Reading and Writing About Literature (*L/HU*)

AREAS AND PERIODS

At least two courses must be at the 400 level. Students may, once only, use a course to satisfy two requirements. See advisor (or English major Blackboard) for each semester's list of Areas/Periods courses.

| ENG/ENH | Literature and Culture before 1800 |
|---------|---|
| ENG/ENH | Literature and Culture after 1800 |
| ENG/ENH | Literary Theory and Interdisciplinary Studies |
| ENG/ENH | Transnational Postcolonial and Global Literatures |

ELECTIVES

The 10 to 11 additional courses needed to complete the 45 hours are electives chosen from English offerings at the 200 level or above. Up to 2 non-ENG courses closely related to English may be used with prior advisor approval. Internships (ENG 484) and/or ENG 385 Career Development for English Majors are highly encouraged.

NOTES

- At least 18 hours must be upper division (300 or 400 level), with at least 12 of these hours taken at ASU (any campus).
- One 300- or 400-level course must carry the General Studies "L."
- Up to 4 Writing Certificate courses can be used in both the major and the certificate.
- PREPARING FOR GRADUATE SCHOOL: Take as many 400-level ENG courses as possible.
- All courses in the major must earn a grade of C (2.00) or higher.



Major Map : Family & Human Development - Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|--------------------------|---------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| Humanities/Fine Arts (HU) | 3 | | | | placement in Mathematics course |
| Natural Science-Quantitative or General (SQ/SG) | 4 | | | | Complete all critical courses by the end of semester 4 |
| Academic Success Class or First Year Seminar | 1 | | | | All freshmen are required to pass an academic |
| | | _ | | | success class and therefore must enroll in an Academic Success Cluster and/or a First-Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| CDE 232: Human Development (SB) | 3 | | | Grade of C | |
| FAS 101 Growth in Personal Relationships (formerly FAS 330) | 3 | | | Grade of C | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| Elective or Learning Community | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| FAS 331: Marriage and Family Relationships (SB) | 3 | \boxtimes | | Grade of C | Complete First-Year Composition requirement: |
| Computer/Statistics/Quantitative (CS): | 3 | \boxtimes | | | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Elective | 3 | | | | |
| Elective | 3 | ⊠ | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 1 | 1 | | | |
| FAS 370: Family Ethnic & Cultural Diversity (SB, C) OR FAS 294 Gender and Society | 3 | \boxtimes | | Grade of C | Complete Mathematical Studies (MA) |
| FAS/CDE Upper Division Elective | 3 | ⊠ | | Grade of C | |
| Humanities/Fine Arts (HU) with G awareness | | | | Grade of C | |
| (recommend REL 100: Religions of the World) | 3 | | | | |
| Historical Awareness Area (H) | 3 | | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 1 | | | | |
| FAS 361 Research Methods (L or SB) | 3 | ⊠ | | Grade of C | |
| Upper Division PGS or SOC Course | 3 | ⊠ | | | |
| Science and Society | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | ContactC | |
| FAS/CDE Restricted Upper Division Elective | 3 | | | Grade of C Grade of C | |
| Upper Division Elective | 3 | ⊠ | | Grade of C | |
| Elective (LIA 394: Career Management - CLAS Majors) | 3 | | | | |
| Science and Society | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | Grade of C | |
| FAS/CDE Upper Division Elective | 3 | | | Grade of C | |
| Upper Division Elective | 3 | ⊠ | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | <u> </u> |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| FAS/CDE Upper Division Elective | 3 | \boxtimes | - | Grade of C | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |



Major Map: Family & Human Development

- Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|-------------------------------|-----------------------------------|--|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
- - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, a minor or a certificate.



Major Map: Film (Film & Media Studies) -Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer □ MAPP □TAG | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|--------------------------------|------------------|--|
| Course Subject and Title | TT | Upper | Transfer | Minimum Grade if | Additional Critical Tracking Notes |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| FMS 100: Introduction to Film (HU) | 3 | | | Grade of C | placement in Mathematics course Complete Mathematical Studies (MA) by semester 4. |
| Second Language | 4 | | | | Complete all critical courses by the end of semester 4 |
| Academic Success Class or First Year Seminar | 1 | | | | 2.50 cumulative GPA recommended in critical courses All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | 2.50 cumulative GPA recommended in critical courses |
| FMS 200: Film History (HU or L, H) | 3 | | | Grade of C | |
| Second Language (G if modern) | 4 | | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | 2.50 |
| Complete <u>one</u> of the following courses: FMS 110: Introduction to New Media (L or HU) OR FMS 270: Race and Gender in American Film (HU,C) OR THP 261: Introduction to Screenwriting | 3 | | | Grade of C | 2.50 cumulative GPA recommended in critical courses Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| FMP 201: Film: The Creative Process I (HU) | 3 | | | Grade of C | Complete Mathematical Studies (MA) |
| Continue 2 nd Language if necessary, or Elective | 4 | | | Grade of C | |
| Social & Behavioral Science (SB) | 3 | | | | |
| Social & Behavioral Science (SB) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | 250 |
| Complete remaining two courses not already taken: FMS 110: Introduction to New Media (L, HU) OR FMS 270: Race and Gender in American Film (HU,C) OR | 3 | | | Grade of C | 2.50 cumulative GPA recommended in critical courses |
| THP 261: Introduction to Screenwriting | 3 | | | Grade of C | |
| FMS 300: Television and Cultural Studies (L or HU) | 3 | | | Grade of C | |
| Continue 2 nd Language if necessary, or Elective | 4 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 1 | | | | |
| Upper Division FMS Area of Emphasis | 3 | | | Grade of C | Complete second language requirement |
| Upper Division Elective | 3 | | | | - |
| Natural Science-Quantitative or General (SQ/SG) | 3 | | | Crada of C | - |
| Upper Division FMS Area of Emphasis Elective | 2 | | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | | | | |
| Upper Division FMS Area of Emphasis (HU) | 3 | \boxtimes | | Grade of C | |
| Upper Division FMS Area of Emphasis | 3 | | | Grade of C | |
| Upper Division FMS Area of Emphasis | 3 | \boxtimes | | Grade of C | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| FMS 490: Capstone Seminar (HU) | 3 | | | Grade of C | |
| Upper Division FMS Area of Emphasis | 3 | | | Grade of C | - |
| Upper Division Elective | 3 | | | | - |
| Upper Division Elective | 3 | | | | - |
| Elective (G, if not already completed) TERM EIGHT: 106-120 CREDIT HOURS | 3 | | | | |
| Elective | 3 | | | | |
| Upper Division FMS Area of Emphasis | 3 | \boxtimes | | Grade of C | 1 |
| Upper Division Elective | 3 | ⊠ | | | 1 |
| Elective | 3 | | | |] |
| Elective | 3 | | | |] |



Major Map: Film (Film & Media Studies) -

Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Online and On Campus students may substitute THP 261 (Introduction to Screenwriting) with the online course FMS 209 (Screenwriting Fundamentals).

Film & Media Studies ONLINE upper division classes*

Media & Society Courses Offered Via Distance Learning:

FMS 313 Anti-Semitism in the Media

FMS 394 American Jews in U.S. Media and Policy

FMS 345 Asian Pacific Americans in Film

FMS 370 Signs of Aliens: Semiotics of Film & Pop

FMS 376 Virgin Mary in History, Film and Culture

FMS 377 Baseball, Film, and American Studies

FMS 468 Crime and Violence in American Film

FMS 470 Race, Sex and Identity Online

FMS 471 Latina/os in Hollywood

Styles & Genres Courses Offered Via Distance Learning:

FMS 351 Emerging Digital Media (L)

FMS 370 Signs of Aliens: Semiotics of Film & Popular Culture

FMS 394 American Directors & Genres

FMS 377 Baseball Film

FMS/REL 486 Holocaust on Film

Screenwriting Courses Offered Via Distance Learning:

FMS 309 Intermediate Screenwriting

FMS 409 Advanced Screenwriting

FMS 494Screenwriting Workshop (may be repeated for credit if topics differ)

Media Industries Courses Offered Via Distance Learning:

FMS 300 Television and Cultural Studies (HU, L)

FMS 394 American Jews in U.S. Media and Policy

FMS 302 U.S. Media Now

FMS 351 Emerging Digital Media

FMS 440 Los Angeles Movies and Culture

There is room in this Major Map to add a concurrent degree, a minor or a certificate.

^{*} A comprehensive list of Film and Media Studies online courses and the semesters in which they will be offered can be found on our website (film.asu.edu/major).



Major Map: French – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer F ☐ MAPP ☐ TAG | Pathway: □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|--|------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade Minir | mum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | DIVISION | Course Grade William | mam Grade ii Required | radional Critical Requirement (votes |
| FRE 111: Fundamentals of French (or higher level FRE course | 4 | | Grad | de of C | An SAT, ACT, Accuplacer, or TOEFL score |
| depending on placement) | | | | | determines placement into first-year |
| ENG 101 and 102: First-Year Composition OR | 3 | | Grad | de of C | composition courses. • ASU Math Placement Exam score |
| ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | | | | | determines placement in Mathematics course |
| MAT 142: College Mathematics or higher (MA) | 3 | | Grad | de of C | FRE 111: Fundamentals of French is |
| Social and Behavioral Sciences (SB) | 3 | | Grad | IC 01 C | equivalent to FRE 101: Elementary French |
| Academic Success Class or First Year Seminar | 1 | ā | + | | and FRE 102: Elementary French. |
| | | | | | Minimum 2.33 GPA required in all critical courses. All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/o a First Year Seminar. |
| TERM TWO: 16-30 CREDIT HOURS | | | | | without four dominar. |
| FRE 201: Intermediate French I (or higher) (G) | 4 | | Grad | de of C | Minimum 2.33 GPA required in all critical |
| ENG 101 and 102: First-Year Composition OR | 3 | | Grad | de of C | courses. |
| ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | | | | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| Social and Behavioral Sciences (SB) | 3 | | | | |
| Elective TERM THREE, 21 45 CREDIT HOURS | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS FRE 202: Intermediate French II (or higher) | 4 | | Grad | de of C | Minimum 2.33 GPA required in all critical |
| Complete one course from: | 3 | | | de of C | courses. |
| SLC 201: Introduction to Linguistics (HU or SB) OR | 3 | | Grad | ic 01 C | Complete First-Year Composition |
| SLC 202: Introduction to Literacy and Cultural Theory | | | | | requirement: ENG 101 & 102 OR ENG 107 |
| Natural Science-Quantitative (SQ) | 4 | | | | & 108 or 105 |
| Awareness Area - Cultural (C) | 3 | | | | Completed Mathematical Studies (MA). |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| FRE 205: Readings in French Literature (G) | 3 | | | de of C | Minimum 2.33 GPA required in all critical |
| FRE 311: French Conversation | 3 | | | de of C | courses. |
| FRE 312: French Composition Complete remaining course from: | 3 | | | le of C le of C | |
| SLC 201: Introduction to Linguistics (HU or SB) OR | 3 | | Grad | ie of C | |
| SLC 202: Introduction to Englastics (TO of SD) OR SLC 202: Introduction to Literacy and Cultural Theory | | | | | |
| Natural Science-Quantitative or General (SQ/SG) | 4 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| FRE 321: French Literature (L or HU) | 3 | \boxtimes | Grad | de of C | Minimum grade of "C" in all FRE, SLC and |
| FRE 3** or 4** | 3 | | | de of C | French Related Fields courses. |
| FRE Related Field Course | 3 | | Grad | de of C | Enroll in "IPO" Study Abroad Program |
| Elective | 3 | | | | credits or listed courses. |
| Elective TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| FRE 322: French Literature (L or HU, H) | 3 | | Cand | de of C | Minimum grade of "C" in all FRE, SLC and |
| FRE 3** or 4** | 3 | | | de of C | French Related Fields courses. |
| FRE Related Field | 3 | | | de of C | Enroll in "IPO" Study Abroad Program |
| Elective | 3 | | Situa | | credits or listed courses. |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| FRE 4**(Select a course that also fulfills the Humanities/Fine Arts/Design (HU) requirement) | 3 | | Grad | de of C | Minimum grade of "C" in all FRE, SLC and French Related Fields courses. |
| FRE 4** | 3 | | Grad | de of C | Enroll in "IPO" Study Abroad Program |
| Upper Division Elective | 3 | | | | credits or listed courses. |
| Upper Division Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS FRE 4** (Select a course that also fulfills the Humanities/Fine | 3 | | Grad | de of C | Minimum grade of "C" in all FRE, SLC and |
| Arts/Design (HU) requirement) | 1 | | | | French Related Fields courses. • Enroll in "IPO" Study Abroad Program |
| FRE 4** | 3 | | Grad | de of C | credits or listed courses. |
| SLC 400-level course | 3 | | Grad | de of C | creates or risted courses. |
| Upper Division Elective | 3 | | | | |
| | 3 | | | | |



Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all FRE, SLC and French Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs.

French is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate French. FRE 101, 102, 111, 201 or 202 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses (note: FRE 205: Readings in French Literature is a degree requirement and will be used toward major requirements). Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Geography – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|--------|-------------------|--------------------------|------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | - Table - Tabl |
| Humanities, Fine Arts, and Design (HU, H) | 3 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR | | | | | determines placement into first-year composition courses |
| ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| Second Language | 4 or 5 | | | Grade of C in 202 | placement in Mathematics course. |
| MAT 142 College Mathematics (MA) | 3 | | | Grade of C | All freshmen are required to pass an academic success class and therefore must enroll in an |
| | |] | | | Academic Success Cluster and/or a First Year |
| Academic Success Class or First Year Seminar TERM TWO: 16-30 CREDIT HOURS | 1 | | | | Seminar |
| Complete one course from: | | | | | Complete MA by the end of term 3 |
| GCU 102: Introduction to Human Geography – 3 (SB, G) | | | | | |
| GCU 121: World Geography – 4 (SB, G) GPH 111: Introduction to Physical Geography – 4 (SQ) | 3 or 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR | 3 01 1 |] | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | 2 | | | Condo of C | |
| ENG 107 and 108: English for Foreign Students General Elective-Humanities, Fine Arts, and Design (HU) and | 3 | | | Grade of C | |
| Cultural Diversity in the U.S. (C) | 3 | | | | |
| Second Language | 4 or 5 | | | Grade of C in 202 | |
| General Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | G I MATHOL I I G |
| Complete one additional course from: GCU 102: Introduction to Human Geography – 3 (SB, G) | | | | | Complete MAT 142 by the end of term 3 as a critical requirement. Complete First-Year |
| GCU 121: World Geography – 4 (SB, G) | | | | | Composition by the end of term 3 |
| GPH 111: Introduction to Physical Geography – 4 (SQ) | 3 or 4 | | | Grade of C | |
| Literacy and Critical Inquiry | 3 | | | C1 F.C : 202 | |
| Second Language General Elective- Humanities, Fine Arts, and Design (HU) or Social | 4 or 5 | | | Grade of C in 202 | |
| and Behavioral Sciences (SB) | 3 | | | | |
| General Elective | 1 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | i e | | |
| GCU Regional Course #1 (list in DARS) | 3 | \boxtimes | | Grade of C | |
| Natural Science - General (SG) or Quantitative (SQ) | 4 | | | Grade of C | |
| Complete one course from: GCU 102: Introduction to Human Geography – 3 (SB, G) | | | | | |
| GCU 121: World Geography – 4 (SB, G) | | _ | | | |
| GPH 111: Introduction to Physical Geography – 4 (SQ) | 3 or 4 | | | G 1 6G: 202 | |
| Second Language: TERM FIVE: 61-75 CREDIT HOURS | 4 or 5 | | | Grade of C in 202 | |
| Upper Division GCU/GPH/PUP Elective | 3 | \boxtimes | | Grade of C | |
| Topical Course #1 (See list in DARS) | 3 | | | Grade of C | |
| General Elective | 3 | | | Grade of C | |
| Upper Division Elective | 3 | \boxtimes | | | |
| General Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Regional Course #2 (See list in DARS) | 3 | \boxtimes | | Grade of C | |
| GPH 370 Geographic Information Technologies (CS) | 3 | \boxtimes | | Grade of C | |
| Upper Division GCU/GPH/PUP Elective | 3 | \boxtimes | | Grade of C | |
| Upper Division Elective | 3 | | | | |
| General Elective | 0-3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 2 | | | 6 1 66 | |
| Topical Course #2 (See list in DARS) | 3 | ⊠ ⊠ | | Grade of C | |
| Skill Course (See list in DARS) Upper Division GCU/GPH./PUP Elective | 3 | | | Grade of C Grade of C | |
| Upper Division GCU/GPH./PUP Elective Upper Division Elective | 3 | ⊠ | | Grade OFC | 1 |
| Computer, Statistics, Quantitative (CS) | 3 | | | Grade of C | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| GCU 496: Geographic Research Methods (L) | 3 | \boxtimes | | Grade of C | |
| Upper Division GCU/GPH/PUP Elective: | 3 | ⊠ | | Grade of C | |
| Upper Division Elective | 3 | | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Upper Division Elective | 3 | \boxtimes | | | |



Major Map: Geography – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|-------------------------------|-----------------------------------|--|--|
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
- Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: Geography – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Trai | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|--------|-------------------|---------------|--------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Heo | Upper Division | Transfer | Minimum Grade if | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| General Elective | 3 | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR | | | | | determines placement into first-year composition |
| ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Crada of C | courses ASU Math Placement Exam score determines |
| Humanities, Fine Arts, and Design (HU) with Historical Awareness | 3 | | | Grade of C | placement in Mathematics course |
| (H) | 3 | | | | All freshmen are required to pass an academic success class and therefore must enroll in an |
| MAT 119 Finite Mathematics (MA) | 3 | | | Grade of C | Academic Success Cluster and/or a First Year |
| Academic Success Class or First Year Seminar | 1 | | | | Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete one course from: GCU 102: Introduction to Human Geography – 3 (SB, G) | | | | | |
| GCU 121: World Geography – 4 (SB, G) | 3 or | | | | |
| GPH 111: Introduction to Physical Geography – 4 (SQ) | 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts, and Design (HU) with Cultural Diversity in U.S. Awareness (C) | 3 | | | | |
| General Elective | 3 | | | | |
| General Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | ر | | | <u> </u> | |
| Complete one course from: | | | | | MAT 119 must be completed by the end of term |
| GCU 102: Introduction to Human Geography – 3 (SB, G) | | | | | 3 |
| GCU 121: World Geography – 4 (SB, G) GPH 111: Introduction to Physical Geography – 4 (SQ) | 3 or 4 | | | Grade of C | |
| Science and Society | 3 | | | Grade of C | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| General Elective | 3 | | | | |
| General Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| GPH 370: Geographic Information Technologies (CS) | 3 | \boxtimes | | Grade of C | |
| Complete remaining course from: GCU 102: Introduction to Human Geography – 3 (SB, G) | | | | | |
| GCU 121: World Geography – 4 (SB, G) | 3 or | | | | |
| GPH 111: Introduction to Physical Geography – 4 (SQ) | 4 | | | Grade of C | |
| Natural Science Quantitative (SQ) or Natural Science General (SG) | 4 | | | | |
| Elective | 3 | | | | |
| Elective | 2 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | | | 0 1 60 | |
| Upper Division GCU/GPH./PUP Elective | 3 | | | Grade of C | |
| Technique Course #1 (See list in DARS) | 3 | | | Grade of C | |
| Upper Division Science and Society | 3 | | | Grade of C | |
| General Elective | 3 | | | | |
| General Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | M | | Condo of C | |
| Topical Course #1 (See list in DARS) Upper Division GCU/GPH./PUP Elective | 3 | | | Grade of C Grade of C | |
| Upper Division General Elective | 3 | | | Grade of C | |
| Upper Division General Elective | 3 | | | | |
| General Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| GCU 495: Quantitative Methods in Geography (CS) | 3 | \boxtimes | | Grade of C | |
| Technique Course #2 (See list in DARS) | 3 | \boxtimes | | Grade of C | |
| Upper Division GCU Course must be (SB) | 3 | \boxtimes | | Grade of C | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| General Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| GCU 496: Geographic Research Methods (L) | 3 | ⊠ | | Grade of C | |
| Upper Division GCU/GPH/PUP Elective | 3 | ⊠ | | Grade of C | |
| Topical Course #2 (See list in DARS) | 3 | | | Grade of C | 1 |
| General Elective | 3 | | | | - |
| General Elective | 3 | ΙП | Í | 1 | İ |



Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: Geography (Meteorology-Climatology) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|---------------|---------------------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS ENG 101 and 102: First-Year Composition OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | determines placement into first-year composition |
| ENG 107 and 108: English for Foreign Students | | | | | courses |
| Humanities, Fine Arts, and Design (HU) with Historical Awareness (H) | 3 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| MAT 170: Precalculus (MA) (if necessary) or elective | 3 | | | Grade of C in MAT 170 | All freshmen are required to pass an academic success class and therefore must enroll in an |
| General Elective | 3 | | | | Academic Success Cluster and/or a First Year |
| Academic Success Class or First Year Seminar | 1 | | | | Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | | | Grade of C | |
| GPH 111: Introduction to Physical Geography (SQ) | 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts, and Design (HU) with Cultural Diversity in U.S. Awareness (C) | 3 | | | | |
| General Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | | | Grade of C | Complete First-Year Composition requirement: |
| PHY 121/122: University Physics I/Laboratory (SQ) | 3/1 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| General Elective | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | | | Grade of C | |
| PHY 131/132: University Physics II/Laboratory (SQ) | 3/1 | | | Grade of C | |
| CLAS Science and Society | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG) Recommended: GPH 213/215: Introduct | 4 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| GCU 102: Introduction to Human Geography (SB, G) | 3 | | | Grade of C | |
| GPH 409: Synoptic Meteorology I | 4 | \boxtimes | | Grade of C | |
| GPH 370 Geographic Information Technologies (CS) | 3 | \boxtimes | | Grade of C | |
| General Elective | 3 | | | | |
| Upper Division CLAS Science and Society | 3 | \boxtimes | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| GPH 410: Synoptic Meteorology II | 4 | \boxtimes | | Grade of C | |
| GPH 412: Physical Climatology | 3 | \boxtimes | | Grade of C | |
| GCU 121: World Geography (SB, G) | 4 | | | Grade of C | |
| Technique Course (See list in DARS) | 3 | \boxtimes | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper Division SB or HU course) | 3 | \boxtimes | | | |
| GCU 474: Public Land Policy (SB) | 3 | \boxtimes | | Grade of C | |
| GCU 495: Quantitative Methods in Geography (CS) | 3 | \boxtimes | | Grade of C | |
| Upper Division General Elective | 3 | | | | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| GPH 475: Dynamic Meteorology II | 3 | | | Grade of C | |
| GCU 496 : Geographic Research Methods (L) | 3 | | | Grade of C | |
| Upper Division General Elective | 3 | | | | |
| Upper Division General Elective | 3 | | | | |
| General Elective | 3 | | | | |



Major Map: Geography (Meteorology-Climatology) -

Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, a minor or a certificate.

Recommended courses for general electives.

Students who plan to go on to graduate school or to work in the field are encouraged to take the following courses for their general electives: GPH 212 and 214: Introduction to Meteorology and Laboratory (SQ)

MAT 274: Elementary Differential Equations (MA)



Major Map: Geography (Urban Studies) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|-----------|-------------|---------------|----------------------------------|--|--|
| Course Subject and Title | | Upper | Transfer | | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 3 | | | Crado of C | An SAT, ACT, Accuplacer, or TOEFL score | |
| MAT 119 Finite Math (MA) ENG 101 and 102: First-Year Composition OR | 3 | Ш | | Grade of C | determines placement into first-year | |
| ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | composition courses | |
| ENG 107 and 108: English for Foreign Students | | | | | ASU Math Placement Exam score determines | |
| Humanities, Fine Arts, and Design (HU) with Historical Awareness | 3 | | | | placement in Mathematics course All freshmen are required to pass an academic | |
| (H) General Elective | 3 | | | | success class and therefore must enroll in an | |
| Academic Success Class or First Year Seminar | 1 | | | | Academic Success Cluster and/or a First Year Seminar | |
| TERM TWO: 16-30 CREDIT HOURS | • | | | | Seminai | |
| Complete one course from: | | | | | MAT 119 must be completed by the end of | |
| GCU 102: Introduction to Human Geography – 3 (SB, G) GCU 121: World Geography – 4 (SB, G) GPH 111: Introduction to Physical Geography – 4 (SQ) | 3 or 4 | | | Grade of C | term 3 as critical | |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | | |
| Humanities, Fine Arts, and Design (HU) with Cultural Diversity in U.S. Awareness (C) | 3 | | | | | |
| General Elective | 3 | | | | | |
| General Elective | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| Complete one course from: GCU 102: Introduction to Human Geography – 3 (SB, G) GCU 121: World Geography – 4 (SB, G) GPH 111: Introduction to Physical Geography – 4 (SQ) | 3 or 4 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 MAT 119 must be completed by the end of | |
| Literacy and Critical Inquiry (L) | 3 | | | | term 3 as critical | |
| CLAS Science and Society | 3 | | | Grade of C | | |
| General Elective | 3 | | | | | |
| General Elective | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| GCU 361: Urban Geography (SB) | 3 | \boxtimes | | Grade of C | | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | | |
| Complete remaining course from: GCU 102: Introduction to Human Geography – 3 (SB, G) GCU 121: World Geography – 4 (SB, G) GPH 111: Introduction to Physical Geography – 4 (SQ) | 3 or 4 | | | Grade of C | | |
| General Elective | 3 | | | | | |
| General Elective | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| Upper Division CLAS Science and Society | 3 | \boxtimes | | Grade of C | | |
| GPH 370: Geographic Information Technologies (CS) | 3 | \boxtimes | | Grade of C | | |
| Urban Topical Course #1 (See list in DARS) | 3 | \boxtimes | | Grade of C | | |
| Upper Division General Elective | 3 | \boxtimes | | | | |
| General Elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| GPH 373: Geographic Information Science I (CS) | 4 | ⊠ | | Grade of C | | |
| Urban Topical Course #2 (See list in DARS) | 3 | \boxtimes | | Grade of C | | |
| Upper Division GCU/GPH/PUP Elective Course | 3 | \boxtimes | | Grade of C | | |
| Upper Division General Elective | 3 | | | | | |
| General Elective | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| Urban Topical Course #3 (See list in DARS) | 3 | | | Grade of C | | |
| GCU 495: Quantitative Methods in Geography (CS) | 3 | | | Grade of C | | |
| Upper Division GCU/GPH/PUP Elective Course | 3 | | | Grade of C | | |
| Upper Division General Elective | 3 | | | | | |
| General Elective | 3 | | | | | |



Major Map: Geography (Urban Studies) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|---|------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| GCU 496: Geographic Research Methods (L) | 3 | \boxtimes | | Grade of C | |
| Upper Division GCU/GPH/PUP Elective Course | 3 | \boxtimes | | Grade of C | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| General Elective | 3 | | | | |
| General Elective | 1 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| | | | | | |
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: German – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Trans ☐ MAPP ☐ T | sfer Pathway: `AG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|----------------------------|---------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | DIVISION | Course, Grade | required | Additional Critical Requirement Profes |
| GER 111: Fundamentals of German (or higher level GER course depending on placement) | 4 | | | Grade of C | Minimum 2.33 GPA required in all critical courses. |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | GER 111: Fundamentals of German is |
| Social and Behavioral Sciences (SB) | 3 | | | | equivalent to GER 101: Elementary German and GER 102: Elementary German. |
| Academic Success Class or First Year Seminar | 1 | | | | All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar. ASU Math Placement Exam score determines placement in Mathematics course. |
| TERM TWO: 16-30 CREDIT HOURS | | | | 0 1 60 | . W.: 222 CD4 . I. II I |
| GER 201: Intermediate German (or higher) | 4 | | | Grade of C | Minimum 2.33 GPA required in all critical courses. |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | courses. |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| Social and Behavioral Sciences (SB) Awareness Area – Historical (H) | 3 | | | | |
| * * | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS GER 202: Intermediate German (or higher) (G) | 4 | | | Grade of C | Minimum 2.33 GPA required in all critical |
| Complete one course from: SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory | 3 | | | Grade of C | courses. Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & |
| Natural Science-Quantitative (SQ) or General (SG) | 4 | | | | 108 or 105. Complete Mathematical Studies (MA) |
| Awareness Area - Cultural (C) | 3 | | | | Complete Mathematical Studies (MA). |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| GER 311: German Conversation OR GER 312: German Conversation (G) | 3 | | | Grade of C | Minimum 2.33 GPA required in all critical courses. |
| GER 313: German Composition (G) | 3 | ⊠ | | Grade of C | |
| Complete one course from: | | | | | |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory | 3 | | | Grade of C | |
| Natural Science-Quantitative (SQ) or General (SG) | 4 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| GER 411: Advanced Grammar and Conversation (G) | 3 | ⊠ | | Grade of C | Minimum grade of "C" in all GER, SLC and |
| GER 422: German Literature (L or HU) | 3 | ⊠ | | Grade of C | German Related Fields courses. • Enroll in "IPO" Study Abroad Program credits |
| Elective | 3 | | | | or listed courses. |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | Minimum grade of "C" in all GER, SLC and |
| GER 412: Advanced Grammar and Conversation (G) GER 421: German Literature (HU) | 3 | | | Grade of C | German Related Fields courses. |
| GER Related Field | 3 | | | Grade of C | Enroll in "IPO" Study Abroad Program credits |
| Humanities, Fine Arts, and Design (HU) | 3 | | | Grade of C | or listed courses. |
| Upper Division Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | J | | | | |
| GER 4** | 3 | ⊠ | | Grade of C | Minimum grade of "C" in all GER, SLC and |
| GER Related Field | 3 | | | Grade of C | German Related Fields courses. • Enroll in "IPO" Study Abroad Program credits |
| Upper Division Elective | 3 | | | | or listed courses. |
| Upper Division Elective | 3 | ⊠ | | | |
| Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | • Minimum and of "C" in all CED CLC |
| GER 4** | 3 | | | Grade of C | Minimum grade of "C" in all GER, SLC and German Related Fields courses. |
| SLC 400-level course | 3 | ⊠ ⊠ | | Grade of C | Enroll in "IPO" Study Abroad Program credits |
| Upper Division Elective | 3 | | | | or listed courses. |
| Upper Division Elective Upper Division Elective | 3 | | | | 1 |
| Opper Division Dicenve | | | 1 | | <u>l</u> |



Major Map: German – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|-------------------------------|----------------------------------|--|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all GER, SLC and German Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs.

German is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate German. GER 101, 102 or 111 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. A maximum of 6 hours from the GER 200 level (GER 201: Intermediate German I and GER 202: Intermediate German II) may be used toward major requirements. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map : Global Health – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | nsfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|-------------------------|----------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| ASB 102: Intro to Cultural and Social Anthropology (SB, G) | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | determines placement into first-year |
| ENG 101/107: First-Year Composition/English for Foreign Students | | | | | composition courses ASU Math Placement Exam score determines |
| ENG 102/108: First-Year Composition/ English for Foreign Students | | | | | placement in Mathematics course |
| ENG 105: Advanced First-Year Composition WAC 101: Intro to Academic Writing | 3 | | | Grade of C | Consult academic advisor for Learning |
| Second Language | 4 | | | Grade of C | Community, Academic Success Clusters and First Year Seminar options. |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | All freshmen are required to pass an academic |
| | | | | | success class and therefore must enroll in an |
| | | | | | Academic Success Cluster and/or a First Year Seminar |
| Academic Success Class or First Year Seminar | 1 | | | | S. Marian |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| SSH 100: Introduction to Global Health (SB, G) | 3 | | | Grade of C | Math completed |
| ENG 101/107: First-Year Composition/English for Foreign Students | | | | | |
| ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Continue 2 nd Language | 4 | | | Grade or e | 1 |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | | | | | 1 |
| US (C) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | _ | | |
| Time Depth or Health and Human Biology Course | 3 | | | Grade of C | Completed First-Year Composition Requirement |
| Natural Sciences – Quantitative (SQ) or General (SG) | 4 | | | | Requirement |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| Continue 2 nd Language if necessary, or Elective | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | 1 | | | |
| Culture Society and Health Course | 3 | | | Grade of C | Second language completed; a grade of C or higher is required for completion of the second |
| Natural Sciences – Quantitative (SQ) | 4 | | | | language |
| Continue 2 nd Language if necessary, or Elective | 4 | | | | |
| Upper Division Elective | 3 | | | | |
| Elective | 3 | | | | |
| SUMMER TERM (Required Global Health Study Abroad Program) | | | | | |
| SSH 403 Cross-Cultural Studies in Global Health | 3 | \boxtimes | | Grade of C | |
| Global Health Elective Course | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| Poverty, Social Justice and Global Health Course | 3 | \boxtimes | | Grade of C | |
| Global Health Elective Course | 3 | | | Grade of C | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Upper Division Humanities, Fine Arts & Design (H) or Social & Behavioral Science (SB) AND Cultural Diversity in the US (C) or | | | | | |
| Historical Awareness (H) | 3 | | | | |
| Elective | 3 | | | | _ |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Global Health Elective Course | 3 | \boxtimes | | Grade of C | |
| Global Health Elective Course | 3 | \boxtimes | | Grade of C | |
| Upper division Literacy & Critical Inquiry (L) | 3 | \boxtimes | | | |
| Upper division Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Global Health Practicum | 3-9 | | | Grade of C | Practicum to be completed by term 7 |
| Global Health Elective Course | 3 | | | Grade of C | Study Abroad requirement must be completed by term 7 |
| Elective | 3 | | | | by term 7 |
| Upper Division Elective | 3 | ⊠ | | | |
| Elective | 2 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SSH 405: Capstone Seminar for Global Health | 3 | | | Grade of C | Cannot enroll in SSH 405 until student has |
| Global Health Elective Course | 3 | ⊠ | | Grade of C | completed required Global Health study |
| Upper Division Elective | 3 | \boxtimes | | | abroad and practicum. |
| Elective | 3 | | | | |



Graduation Requirements Summary:

| ١ | Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| | (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| ſ | | | | | | |
| | | | | | | |
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - 0 Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - 0 Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - 0 Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Global Studies – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|---------------|------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Recommended 2.5 cumulative ASU GPA All freshmen are required to pass an academic success class and therefore must enroll in an |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | Academic Success Cluster and/or a First Year |
| Second Language | 4 | | | | Seminar |
| Natural Science – Quantitative (SQ) or General (SG) | 4 | | | | |
| Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | _ | _ |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Recommended 2.5 cumulative GPA |
| SGS 101: Thinking Globally: The Individual & Authority (SB) | 3 | | | Grade of C | |
| Second Language | 4 | | | | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | |
| Awareness Area (C, G, or H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | _ | _ |
| SGS 304: Professional Global Career Development | 3 | | | Grade of C | Completed First-Year Composition Math completed |
| SGS Track Elective | 3 | | | Grade of C | Recommended 2.5 cumulative GPA |
| Second Language | 4 | | | | <u>_</u> |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| Social Behavioral Science (SB) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | _ | | |
| SGS 305: Research Methods (L) | 3 | | | Grade of C | Recommended 2.5 cumulative GPA |
| SGS Track Elective | 3 | | | Grade of C | |
| Second Language | 4 | | | | |
| Awareness area (remaining course C, G, or H) | 3 | | | | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | | | 0 1 60 | Recommended 2.5 cumulative GPA |
| Upper Division SGS Track Elective | 3 | | | Grade of C | Recommended 2.3 cumulative GPA See advisor for related area course options |
| Upper Division SGS Track Elective | 3 | | | Grade of C | |
| Upper Division Related Area | 3 | | | Grade of C | |
| Upper Division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Complete one course from: SOC 390: Social Statistics I (CS) OR POS 401: Political Statistics (CS) | 3 | | | Grade of C | Recommended 2.5 cumulative GPA |
| Upper Division SGS track elective | 3 | | | Grade of C | |
| Upper Division Related Area | 3 | | | Grade of C | |
| Awareness Area – Cultural (C) (if needed) or Elective | 3 | | | | |
| Upper Division Related Area | 3 | | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper Division Related Area | 3 | \boxtimes | | Grade of C | Recommended 2.5 cumulative GPA |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Upper division elective | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 2 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SGS 484: Internship | 6 | \boxtimes | | Grade of C | Recommended 2.5 cumulative GPA |
| Upper Division Elective | 3 | | | | |
| Elective | 3 | | | | |
| | | | | | |



Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for | Total Comm. College Hrs. |
|---------------|----------------|--------------------------|------------------|----------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.5 minimum recommended | (minimum 30) | Academic Recognition | (maximum 64) |
| | | for major) | | (minimum 56) | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - 0
 - Mathematical Studies (MA)
 Computer/Statistics/Quantitative applications (CS) 0
 - 0 Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - 0 Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: History – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|-------------------------|---------------------------|--|
| Course Subject and Title | 11 | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| HST *** | 3 | | | Grade of C | Maintain 2.25 GPA in Critical Courses |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | The History major requires students to take HST electives within one geographical concentration. Visit the History |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | Undergraduate Advising Office for geographical concentrations and for a list of |
| Second Language | 4 | | | Grade of C | Related Fields courses. |
| Humanities, Fine Arts, and Design (HU) or Elective | 3 | | | | All freshmen are required to pass an academic success class and therefore must |
| Academic Success Class or First Year Seminar | 1 | | | | enroll in an Academic Success Cluster and/or |
| TERM TWO: 16-30 CREDIT HOURS | | | | | a First Year Seminar |
| HST *** | 3 | | | Grade of C | Maintain 2.25 GPA in Critical Courses |
| ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Second Language | 4 | | | Grade of C | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| HST ***(SB) | 3 | | | Grade of C | Maintain 2.25 GPA in Critical Courses Complete First-Year Composition |
| Computer/Statistics/Quantitative (CS) | 3 | | | | requirement: |
| Second Language or Elective | 4 | | | Grade of C (if language) | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Awareness Area – Global or Elective | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 1 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | | | | Ministration of the Lorentz Company |
| HST ***(SB, H) | 3 | | | Grade of C | Maintain 2.25 GPA in Critical Courses Complete Mathematical Studies (MA) |
| Natural Science – Quantitative (SQ) | 4 | | | | requirement |
| Second Language or Elective | 4 | | | Grade of C (if language) | |
| Awareness Area – Cultural Diversity (C) or Elective TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| HST 300: Historical Inquiry (L) | 3 | | | Grade of C | Maintain 2.25 GPA in Critical Courses |
| HST 3**/4** | 3 | | | Grade of C | |
| Related Field | 3 | | | Grade of C | |
| Upper Division Related Field | 3 | | | | |
| Upper Division Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Complete one course from: HST 302: Studies in History HST 303: Studies in Asian History HST 304: Studies in European History HST 305: Studies in Latin American History HST 306: Studies in United States History HST 307: Studies in African History HST 3**/4** | 3 | | | Grade of C Grade of C | Students may choose any course between HST 302-307 |
| Related Field | 3 | | | Grade of C | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Upper Division Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| HST 498: Pro-Seminar (L) | 3 | \boxtimes | | Grade of C | Students in the Barrett Honors College may |
| HST 3**/4** | 3 | ⊠ | | Grade of C | take HST 493: Honors Thesis in place of HST 498:Pro-Seminar |
| Upper Division Related Field | 3 | ⊠ | | Grade of C | |
| Upper Division General Elective | 3 | ☒ | | Grade of C | |
| Humanities, Fine Arts, and Design (HU) or Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper Division General Elective | 3 | ⊠ | | Grade of C | |
| Upper Division Related Field | 3 | ⊠ | | Grade of C | |
| Upper Division Elective | 3 | | | | |
| Upper Division Elective | 3 | | | | |
| Elective | 3 | | 1 | | |



Major Map: History – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|-------------------------------|-----------------------------------|---|--|
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

The history major requires students to take HST electives within one geographical concentration. Visit the History Undergraduate Advising Office for geographical concentrations and for a list of Related Fields courses.

There is room in this degree to add a concurrent degree, a minor, or a certificate.



SB:

Total UD Res I. First Year Composition (3-6 hours) Hours Hours Hours Grade ENG 101:First Year Comp 1 (3) and ENG 102:First Year Comp 2 (3) or, if eligible ENG 105: Advance First Year Comp (3) II. University General Studies (35 hours) Humanities/Fine Arts & Social/Behavioral Sciences (15 hours) Required: 15 hours combined; 6 hours in one area, 9 hrs in the other AND one course must be upper division. HU: HU:

| Mathematics & Statistics/Computer Applications (6 hours) | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| SQ/SG: | | | | | | | | | | | |
| SQ: | | | | | | | | | | | |
| Natural Sciences (8 hours) | | | | | | | | | | | |
| HU or SB: | | | | | | | | | | | |
| SB: | | | | | | | | | | | |

| Literacy & Critical Inquiry (6 hours) | | |
|---------------------------------------|--|--|
| CS: | | |
| MA: | | |

| L: | | | |
|---|-----------|-----|--|
| Upper division L: | | | |
| Awareness Areas (2 courses minimum and must fulfill | all 3 are | as) | |

Awareness Areas (2 courses minimum and must fulfill all 3 areas)

Double counting is permissible between Awareness Areas, other courses that fulfill graduation requirements, and within the Awareness Areas.

| Global Awareness (G): | | |
|---------------------------|--|--|
| Historical Awareness (H): | | |
| Cultural Diversity (C): | | |

III. College of Liberal Arts and Sciences (6 hours)

Second Language Required: Students must complete a second language through the Intermediate II level. For most languages, this is the 202 level. For some, it is 314 or higher.

| Total Hours Required (120 hrs. min) | Hours Required | Hours Required | Hours allowed (64 | ASU Resident Hours for Academic Recognition (56 hrs min) |
|---|----------------|----------------|-------------------|--|
| | | | | |

Integrated Studies courses are selected in consultation with an advisor. Students may not choose to major in Integrated Studies as freshmen. Instead, the major is approved on a case by case basis from students who have completed at least 30 graded hours at ASU and who have earned a minimum GPA of 3.25. In addition, students are required to submit three letters from faculty who are willing to mentor them through the program as well as to design a set of courses that create a holistic major that is unavailable at ASU in any other form. All information is to be submitted to Asst. Dean Barbara Colby, who will determine the viability and integrity of the proposed degrees

Major Map: Integrated Studies – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| III. Integrated Studies Courses (min. 45 hours)¹ | | | | |
|--|----------------|-------------|--------------|-------|
| Courses used for the major may not also be used to fill the university general studies or college requirements | Total Hours | UD Hours | Res Hours | Grade |
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| IV. Electives | • | 1 | 1 | |
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and integrity of the proposed degrees

Major Map: Integrated Studies – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| I Final V | | :4: (2 G | · harred | Total | UD | Res | | III. Integrated Studies Courses | | Ì | | |
|------------------------------|----------------------------------|--------------------------------|--|-----------------------------|----------|------------|--------------------------|---|----------|-------|-------|-------|
| | ear Compo | • | nours) | Hours | Hours | Hours | Grade | (min. 45 hours)¹ | | | | |
| | irst Year Com | , | | | | | | Courses used for the major may not also be used to fill the universit | Total | UD | Res | |
| | irst Year Com | | | | | | | general studies or college requirements | Hours | Hours | Hours | Grade |
| ENG 105: A | Advance First | Year Comp (3 | 3) | | | | | | | | | |
| II Univo | reity Ganas | ral Studios | (25 hours) | | | | | | | | | |
| | | | (35 hours) vioral Science | oc /15 h | ure) E |) og uirod | l. 15 | | | | | |
| | | | in the other ANI | | | | | | | | | |
| division. | | | | | | | · | | | | | |
| HU: | | | | | | | | | | | | |
| HU: | | | | | | | | | | | | |
| SB: | | | | | | | | | | | | |
| SB: | | | | | | | | | | | | |
| HU or SB | | | | | | | | | | | | |
| Natural S | ciences (8 ho | ours) | | | | | | | | | | |
| SQ: | | | | | | | | | | | | |
| SQ/SG: | | | | | | | | | | | | |
| Mathema | tics & Statist | ics/Compute | r Applications | s (6 hou | rs) | | · | | | | | |
| MA: | | • | | | | | | | | | | |
| CS: | | | | | | | | | | | | |
| Literacy | & Critical Inq | uiry (6 hours | :) | 1 | | | | | | | | |
| L: | | | • | | | | | | | | | |
| Upper div | ision L: | | | | | | | | | | | |
| Awaren | ess Areas (2 | courses minimu | um and must fulf | ill all 3 are | as) | | · | | | | | |
| | | | Awareness Area Awareness Area | | courses | that fulf | fill | | | | | |
| Global Awa | areness (G): | | | | | | | | | | | |
| Historical A | Awareness (H): | | | | | | | | | | | |
| Cultural Di | versity (C): | | | | | | | | | | | |
| III. Colloc | o of Liboral | Arte and S | ciences (6 h | oure) | • | | • | | | | | |
| | | | uired: 6 hours f | | Scienc | e and | _ | | | | | |
| Society wel | osite; at least o | one course m | ust be upper d | | | |) | IV. Electives | | | | |
| minimum re | quired for eac | ch course. | | | | | | 777 27000700 | | | | |
| SS 1: | | | | | | | | | | | | |
| CCO. | | | | | | | | | | | | |
| <u>SS2:</u> | | | | | | | | | | | | |
| | | r | r i | | | | | | | | | |
| Total Hours Required (120 | Upper Division Hours Required | ASU Resident Hours Required | Max. 2-yr Transfer Hours allowed (64 | Minimum GF required (2.0 | 0 Acade | | lours for gnition (56 | | | | | |
| hrs. min) | (45 hrs min) | (30 hrs min) | hrs max.) | min.) | hrs mi | in) | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Integrated | Studies courses | are selected in | consultation with | an adviso | r. Stude | nts mav | not | | | | | |
| choose to | major in Integrat | ed Studies as fre | eshmen. Instead, | the major | is appro | ved on a | a | | | | | |
| who have | earned a minimu | m GPA of 3.25. | e completed at lea In addition, stude | nts are rec | uired to | submit | three | | | | | |
| | | | or them through t that is unavailab | | | | | | | | | |
| | | | rtnat is unavallab n Barbara Colby, | | | | | | <u> </u> | | | |

Updated: 2/25/10



Major Map: International Letters & Cultures – Classics Concentration (Greek Emphasis) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|-------------------|--------------------------|----------------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | |
| GRK 101: Elementary Ancient Greek (or higher) | 4 | | | Grade of C | ASU Math Placement Exam score | |
| SLC 194: Introduction to Classics | 1 | | | Grade of C | determines placement in Mathematics course An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition courses. • Minimum 2.33 cumulative ASU GPA. | |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | Must have cumulative 3.0 GPA in Greek | |
| Social and Behavioral Sciences (SB) | 3 | | | | courses All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar | |
| TERM TWO: 16-30 CREDIT HOURS | | | | 0 1 60 | Minimum 2.33. cumulative ASU GPA. | |
| GRK 201: Intermediate Ancient Greek (or higher) ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | Must have cumulative 3.0 GPA in Greek | |
| Social and Behavioral Sciences (SB) | 3 | | | | courses | |
| Awareness Area – Historical (H) | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| GRK 301: Ancient Greek Literature I (HU) | 3 | \boxtimes | | Grade of C | Must have cumulative 3.0 GPA in Greek | |
| Complete one course from: SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory | 3 | | | Grade of C | courses Minimum 2.33 cumulative ASU GPA GRK 301 may be repeated for a total of 6 | |
| Natural Science-Quantitative (SQ) | 4 | | | | hours if course content differs. Complete First-Year Composition | |
| Awareness Area - Cultural (C) | 3 | | | | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 | |
| | 2 | | | | & 108 or 105 | |
| Elective | | | | | Complete Mathematical Studies (MA) | |
| TERM FOUR: 46-60 CREDIT HOURS | 3 | \boxtimes | | Grade of C | Minimum 2.33 cumulative ASU GPA | |
| GRK 302: Ancient Greek Literature II (HU) Complete remaining course from: SLC 201: Introduction to Linguistics (HU or SB) OR | 3 | | | Grade of C | GRK 302 may be repeated for a total of 6 hours if course content differs. | |
| SLC 202: Introduction to Literary and Cultural Theory | 3 | □ | | Crado of C | | |
| Classics History Course (see note on last page) | 4 | | | Grade of C | | |
| Natural Science-Quantitative (SQ) or General (SG) | 3 | | | | | |
| Literacy and Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | | |
| PHI 301: History of Ancient Philosophy (HU & H) | 3 | \boxtimes | | Grade of C | Minimum 2.33 cumulative ASU GPA | |
| Classics History Course (see note on last page) | 3 | | | Grade of C | Enroll in "IPO" Study Abroad Program | |
| Awareness Area-Global (G) | 3 | | | | credits or listed courses | |
| Elective | 3 | | | | | |
| Elective | 2 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| Upper Division Elective | 3 | \boxtimes | | Grade of C | Minimum 2.33 cumulative ASU GPA The state of the st | |
| Classics Elective (see note on last page) | 3 | | | Grade of C | Enroll in "IPO" Study Abroad Program credits or listed courses | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | Grade of C | create or instea courses | |
| Upper Division Elective | 3 | \boxtimes | | | | |
| Upper Division Elective | 3 | \boxtimes | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | 1 | ì | | |
| Classics Elective (see note on last page) | 3 | | | Grade of C | Enroll in "IPO" Study Abroad Program credits or listed courses | |
| Classics Elective (see note on last page) | 3 | | | Grade of C | creatis of fisted courses | |
| Upper Division Elective | 3 | ⊠ ⊠ | | | | |
| Upper Division Elective Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB) | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| SLC 400-level course | 3 | \boxtimes | | Grade of C | Enroll in "IPO" Study Abroad Program | |
| Classics History Course (see note on last page) | 3 | \boxtimes | | Grade of C | credits or listed courses | |
| Upper Division Elective | 3 | \boxtimes | | | | |
| Upper Division Elective | 3 | | | | | |
| Upper Division Elective | 3 | \boxtimes | | | | |



Major Map: International Letters & Cultures - Classics Concentration (Latin Emphasis) - Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| 0.000 | 1 | ** | Completed ATP | | Completed AGEC: Yes No |
|--|------|-------------------|--------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | · | |
| LAT 101: Elementary Latin (or higher) | 4 | | | Grade of C | ASU Math Placement Exam score determines |
| SLC 194: Introduction to Classics | 1 | | | Grade of C | placement in Mathematics course An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition courses. Minimum 2.33 cumulative ASU GPA. |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | Must have cumulative 3.0 GPA in Latin courses |
| Social and Behavioral Sciences (SB) | 2 | | | | All freshmen are required to pass an academic success class and therefore must enroll in an |
| | 3 | | | | Academic Success Cluster and/or a First Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| LAT 102: Elementary Latin (or higher) | 4 | | | Grade of C | Must have cumulative 3.0 GPA in Latin courses Minimum 2.33 cumulative ASU GPA. |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | composition courses. |
| Social and Behavioral Sciences (SB) | 3 | | | | |
| Awareness Area – Historical (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| LAT 201: Intermediate Latin I (HU) (or higher) | 4 | | | Grade of C | Must have cumulative 3.0 GPA in Latin courses Minimum 2.33 cumulative ASU GPA |
| Complete one course from: SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Natural Science-Quantitative (SQ) | 4 | | | | Complete Mathematical Studies (MA) |
| Awareness Area - Cultural (C) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| LAT 202: Intermediate Latin II (HU) (or higher) Complete remaining course from: | 4 | | | Grade of C | Minimum 2.33 cumulative ASU GPA |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory | 3 | | | Grade of C | |
| Classics History Course (see note on last page) | 3 | \boxtimes | | Grade of C | |
| Natural Science-Quantitative (SQ) or General (SG) | 4 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| LAT 421: Roman Literature (HU) | 3 | | | Grade of C | Minimum 2.33 cumulative ASU GPA LAT 421 may be repeated for a total of 6 hours |
| Classics History Course (see note on last page) | 3 | | | Grade of C | if course content differs. |
| Awareness Area- Global (G) | 2 | | | | Enroll in "IPO" Study Abroad Program credits |
| Upper Division Elective | 3 | | | | or listed courses |
| Upper Division Elective | 3 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | . □ | | 0 1 60 | Minimum 2.33 cumulative ASU GPA |
| LAT 422: Roman Literature OR Upper Division Elective | 3 | | | Grade of C | LAT 422 may be repeated for a total of 6 hours |
| Classics Elective (see note on last page) | 3 | | | Grade of C Grade of C | if course content differs. |
| Humanities, Fine Arts, and Design (HU) | 3 | | | Grade of C | Enroll in "IPO" Study Abroad Program credits or listed courses |
| Upper Division Elective Upper Division Elective | 3 | | | | or fisted courses |
| TERM SEVEN: 91-105 CREDIT HOURS | 3 | | | | |
| Classics Elective (see note on last page) | 3 | | | Grade of C | Enroll in "IPO" Study Abroad Program credits |
| Classics Elective (see note on last page) Classics Elective (see note on last page) | 3 | | | Grade of C | or listed courses |
| Upper Division Elective | 3 | | | Grade of C | 1 |
| Upper Division Elective | 3 | ⊠ | | | 1 |
| Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SLC 400-level course | 3 | | | Grade of C | Enroll in "IPO" Study Abroad Program credits |
| Classics History Course (see note on last page) | 3 | | | Grade of C | or listed courses |
| Upper Division Elective | 3 | \boxtimes | | | |
| Upper Division Elective | 3 | \boxtimes | | | _ |
| Upper Division Elective | 3 | \boxtimes | | | |



Major Map: International Letters & Cultures - Classics Concentration - Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2009-2010

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

LANGUAGE REQUIRMENTS

Students will choose either a Latin Emphasis or a Greek Emphasis. Students should work with their advisor to determine which language courses to enroll in each semester. Students must maintain a 3.0 GPA in chosen target language courses.

CLASSICS HISTORY COURSES (choose two)

HST 347: Ancient Greece (SB & H)

HST 348: Rome (SB & H)

HST 394: Special Topics Courses (MUST be Greek or Roman History)

CLASSICS ELECTIVE COURSES

Special topics courses must be related to Classical Studies; students will be required to provide a syllabus for the requested course to the SILC academic advisor prior to taking the course. For information regarding elective courses click on the related fields' link at this page: http://silc.asu.edu/undergraduate/majors-minors-certs



Major Map: International Letters and Cultures – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|---|------|-------------------|--------------------------|----------------------------------|--|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | | |
| SLC 194: Introduction to SILC Transdisciplinary Studies | 1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | | |
| Complete one course from: | | | | | determines placement into first-year composition courses | | |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary & Cultural Theory | 3 | | | Grade of C | ASU Math Placement Exam score | | |
| ENG 101 or 102: First-Year Composition OR | | | | | determines placement in Mathematics course Minimum 2.33 cumulative ASU GPA. | | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Foreign Language must be offered by SILC. | | |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | Contact a SILC academic advisor for | | |
| | | | | | approved listings. Students taking Romanian and Portuguese | | |
| Foreign Language ≥ 201 (see note) | 3-5 | | | Grade of C | should be at least at the 313 level by the end | | |
| | | | | | of semester 1. • Students taking Greek should be at least at | | |
| | | | | | the 301 level by the end of semester 1. | | |
| | | | | | Must have cumulative 3.0 GPA in primary target language courses. | | |
| | | | | | All freshmen are required to pass an | | |
| | | | | | academic success class and therefore must | | |
| Social/Behavioral Science (SB) | 3 | П | | | enroll in an Academic Success Cluster and/or a First Year Seminar | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | WINST Tour Sommar | | |
| Complete remaining course from: | | | | | Minimum 2.33 cumulative ASU GPA. | | |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary & Cultural Theory | 3 | | | Grade of C | Foreign Language must be offered by SILC. Contact a SILC academic advisor for | | |
| ENG 101 or 102: First-Year Composition OR | 3 | | | Grade of C | approved listings. | | |
| ENG 105: Advanced First-Year Composition OR | _ | _ | | | Students taking Romanian and Portuguese | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | should be at least at the 314 level by the end of semester 1. | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | Students taking Greek should be at least at | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | the 302 level by the end of semester 1. • Must have cumulative 3.0 GPA in primary | | |
| | | | | | target language courses. | | |
| | | _ | | | Meet with SILC Academic Advisor to | | |
| Foreign Language ≥ 202 (see note) | 3-5 | | | Grade of C | discuss semester 3 milestones. | | |
| TERM THREE: 31-45 CREDIT HOURS Historical Awareness (H) | 3 | | | Grade of C | MILESTONE: Write personal statement and | | |
| Natural Science-Quantitative (SQ) | 4 | | | Grade of C | submit by end of term. | | |
| Social/Behavioral Science (SB) | 3 | | | | MILESTONE: Receive Program of Study approval by end of term. | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | Must have cumulative 3.0 GPA in primary | | |
| Transmitted, Title & Besign (170) | | | | | target language courses. | | |
| | | | | | Minimum 2.33 cumulative ASU GPA. Complete First-Year Composition | | |
| | | | | | requirement: ENG 101 & 102 OR ENG 107 | | |
| | | | | | & 108 OR ENG 105 Complete Mathematical Studies Requirement | | |
| Foreign Language ≥ 300 (see note) | 3 | \boxtimes | | Grade of C | (MA) | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | | |
| Cultural Diversity in the US (C) | 3 | | | Grade of C | Minimum 2.33 cumulative ASU GPA. | | |
| Approved Program of Study Course (see note) | 3 | | | Grade of C | Approved Program of Study courses to be selected from approved and current Program | | |
| Approved Program of Study Course (see note) | 3 | | | Grade of C | of Study. | | |
| Natural Science - Quantitative(SQ) or General (SG) | 4 | | | | | | |
| Elective | 3 | | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | l | | Maintain minimum 2.33 cumulative ASU | | |
| Approved Program of Study Course (see note) | 3 | | | Grade of C | GPA (required for graduation). | | |
| Approved Program of Study Course (see note) | 3 | | | Grade of C | Approved Program of Study courses to be | | |
| Approved Program of Study Course (see note) Literacy and Critical Inquiry (L) | 3 | | | Grade of C | selected from approved and current Program of Study. | | |
| Elective | 3 | | | | or staay. | | |
| TERM SIX: 76-90 CREDIT HOURS | ر | | | | | | |
| Approved Program of Study upper division Course (see note) | 3 | \boxtimes | | Grade of C | Maintain minimum 2.33 cumulative ASU | | |
| Approved Program of Study upper division Course (see note) | 3 | \boxtimes | | Grade of C | GPA (required for graduation). | | |
| Approved Program of Study upper division Course (see note) | 3 | ⊠ | | Grade of C | Approved Program of Study courses to be selected from approved and current Program | | |
| Upper-Division Elective | 3 | \boxtimes | | | of Study. | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | | | |
| | | | | | | | |



Major Map: International Letters and Cultures – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Approved Program of Study upper division Course (see note) | 3 | | | Grade of C | Maintain minimum 2.33 cumulative ASU GPA |
| Approved Program of Study upper division Course (see note) | 3 | \boxtimes | | Grade of C | (required for graduation). Approved Program of Study courses to be |
| Approved Program of Study upper division Course (see note) | 3 | | | Grade of C | selected from approved and current Program of |
| Upper-Division Social/Behavioral Science (SB) or Humanities, Fine Arts & Design (HU) | 3 | | | | Study. • Meet with SILC Academic Advisor to prepare for |
| Upper-Division Elective | 3 | \boxtimes | | | final semester. |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SLC 400-level course | 3 | | | Grade of C | MILESTONE: Must have earned 9 (nine) upper- |
| Approved Program of Study upper division Course (see note) | 3 | | | Grade of C | division hours in primary target language courses by the end of term 8. |
| Approved Program of Study upper division Course (see note) | 3 | \boxtimes | | Grade of C | Maintain minimum 2.33 cumulative ASU GPA |
| Approved Program of Study upper division Course (see note) | 3 | \boxtimes | | Grade of C | (required for graduation). Approved Program of Study courses to be selected from approved and current Program of Study. |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|----------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Academic Recognition | (maximum 64) |
| | | | | (minimum 56) | |
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Italian – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|--|-----------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS ITA 101: Elementary Italian I or ITA 111: Accelerated Elementary | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| Italian (or higher level ITA course depending on placement) | · | | | Grade of C | determines placement into first-year |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | composition courses ASII Math Placement Exam score determines |
| ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | Minimum 2.33 GPA required in all critical |
| Social and Behavioral Sciences (SB) | 3 | | | | courses. ITA 111: Accelerated Elementary Italian is |
| Academic Success Class or First Year Seminar | 1 | | | | equivalent to ITA 101: Elementary Italian I |
| | | | | | and ITA 102: Elementary Italian II |
| | | | | | All freshmen are required to pass an academic success class and therefore must enroll in an |
| | | | | | Academic Success Cluster and/or a First Year |
| | | | | | Seminar |
| TERM TWO: 16-30 CREDIT HOURS | 1 | | | Crada of C | Minimum 2.33 GPA required in all critical |
| ITA 102: Elementary Italian II (or higher) ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C Grade of C | courses. |
| ENG 101 and 102. Prist-Teal Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | |
| ENG 107 and 108: English for Foreign Students | | | | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| Social and Behavioral Sciences (SB) | 3 | | | | |
| Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | . W: 222 CD4 : 1: II : 2: 1 |
| ITA 201: Intermediate Italian I (or higher) (G) Complete one course from: | 4 | | | Grade of C | Minimum 2.33 GPA required in all critical courses. |
| SLC 201: Introduction to Linguistics (HU or SB) OR | | | | | Complete First-Year Composition |
| SLC 202: Introduction to Literacy and Cultural Theory | 3 | | | Grade of C | requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Natural Science-Quantitative (SQ) | 4 | | | | Complete Mathematical Studies (MA) |
| Cultural Diversity in the US (C) | 3 | | | | 1 |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | Minimum 2.33 GPA required in all critical |
| ITA 202: Intermediate Italian II (or higher) (G) Complete remaining course from: | 4 | | | Grade of C | courses. |
| SLC 201: Introduction to Linguistics (HU or SB) OR | | | | | |
| SLC 202: Introduction to Literacy and Cultural Theory | 3 | | | Grade of C | |
| Natural Science-Quantitative (SQ) or General (SG) | 4 | | | | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | . M.: 1 C.C. HITA GLC |
| ITA 311: Italian Conversation (G) | 3 | | | Grade of C | Minimum grade of "C" in all ITA, SLC and Italian Related Fields courses. |
| ITA 312: Italian Composition (G) | 3 | | 1 | Grade of C | Enroll in "IPO" Study Abroad Program credits |
| ITA 3** or ITA 4** | 3 | | | Grade of C | or listed courses |
| ITA Related Field (list in DARS) | 2 | | + | Grade of C | \dashv |
| Elective TERM SIX: 76-90 CREDIT HOURS | 2 | | | | |
| ITA 3** or 4** | 3 | \boxtimes | | Grade of C | Minimum grade of "C" in all ITA, SLC and |
| ITA 321: Introduction to Italian Literature I | 3 | | | Grade of C | Italian Related Fields courses. |
| ITA Related Field (list in DARS) | 3 | | † | Grade of C | Enroll in "IPO" Study Abroad Program credits or listed courses |
| Literacy and Critical Inquiry (L) | 3 | | | Grade of C | of fisted courses |
| Upper Division Elective | 3 | | | | <u> </u> |
| TERM SEVEN: 91-105 CREDIT HOURS | | _ | | , | |
| ITA 322: Introduction to Italian Literature II (HU) | 3 | \boxtimes | | Grade of C | Minimum grade of "C" in all ITA, SLC and |
| ITA 413: Advanced Italian | 3 | ⊠ | | Grade of C | Italian Related Fields courses. • Enroll in "IPO" Study Abroad Program credits |
| Upper Division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | or listed courses |
| Upper Division Humanities, Fine Arts, and Design (HU) or Social and | 3 | | | | |
| Behavioral Sciences (SB) | 3 | | + | | - |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | 2 | | | Crado of C | Minimum grade of "C" in all ITA, SLC and |
| ITA 4** | 3 | | + | Grade of C | Italian Related Fields courses. |
| SLC 400-level course | 3 | | + | Grade of C | Enroll in "IPO" Study Abroad Program credits |
| Upper Division Elective Upper Division Elective | 3 | | + | | or listed courses |
| Elective | 3 | | | | \dashv |
| 2000.10 | , | | 1 | 1 | 1 |



Major Map: Italian – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all ITA, SLC and Italian Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs.

Italian is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Italian. ITA 101, 102 or 111 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. A maximum of 6 hours from the ITA 200 level (ITA 201: Intermediate Italian I and ITA 202: Intermediate Italian II) may be used toward major requirements. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Justice Studies – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Transfe | | Completed General Education: |
|--|----------------------------|-------------|------------------|--|---|
| Course Subject and Title | | Upper | ☐ MAPP ☐ TAG | Minimum Grade if | □AGEC □IGETC/CSUGE □None |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirements Notes |
| TERM ONE: 0-15 CREDIT HOURS ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition or WAC 101: Intro to Academic Writing | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines |
| Complete 1 course from: JUS 105: Introduction to Justice Studies (SB) OR JUS elective | 3 | | | Grade of C | placement in Mathematics course Complete First-Year Composition by end of semester 3 |
| Mathematical Studies (MA) or perquisite if needed | 3 | | | Grade of C | Complete Mathematical Studies (MA) by end of semester 3 |
| Second Language Requirement | 4 | | | Grade of C | • Earn 2.0 GPA in JUS 105, 301, and 303 by end of |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | term 4 |
| Academic Success Class or First Year Seminar | 1 | | | | All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First-Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 or 102: First-Year Composition and ENG 107 or 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Complete First-Year Composition by end of semester 3 Complete Mathematical Studies (MA) by end of |
| Complete remaining course from: JUS 105: Introduction to Justice Studies (SB) OR | 3 | | | Grade of C | semester 3 • Earn 2.0 GPA in JUS 105, 301, and 303 by end of |
| JUS elective Second Language Requirement | 4 | | | Grade of C | term 4 Earn 2.50 ASU cumulative GPA recommended |
| Humanities, Fine Arts, and Design (HU) | 3 | | | Grade of C | 1 |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | 1 |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete one course from: 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 ENG 301 Writing for the Professions (L) | 3 | | | Grade of C | Complete First-Year Composition by end of semeste Complete Mathematical Studies (MA) by end of semester 3 Earn 2.50 ASU cumulative GPA recommended Earn 2.0 GPA in JUS 105, 301, and 303 by end of |
| Computer Science or Statistics course (CS) | 3 | | | | term 4 |
| Second Language Requirement or Elective | 4 | | | Grade of C | Completing one of the following courses is critical at end of Term 4: |
| Natural Science - Quantitative or General (SQ or SG) | 4 | | | | ENG 215 Strategies of Academic Writing (L) OR |
| Elective | 3 | | | | ENG 216 Persuasive Writing on Public Issues (L) OR ENG 217 Writing Reflective Essays (L) OR ENG 218 Writing About Literature (L) OR ENG 301 Writing for the Professions (L) |
| TERM FOUR: 46-60 CREDIT HOURS | | | 1 | | |
| JUS 301 Research in Justice Studies (SB) | 3 | | | Grade of C | • Earn 2.0 GPA in JUS 105, 301, and 303 by end of term 4 |
| JUS 303 Justice Theory | 3 | | | Grade of C | Minimum cumulative GPA of 2.50 |
| Second Language Requirement or Elective Elective | 3 | | | Grade of C | Completing one of the following courses is critical at end of Term 4: 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 ENG 301 Writing for the Professions (L) |
| JUS 300-level course (J-1 Core Status pre-requisite) | 3 | \boxtimes | | Grade of C | |
| Upper division related field or Discipline Specific Focus course | 3 | | | Grade of C | † |
| Elective or Cultural Awareness (C) | 3 | | | 0.000 01 0 | 1 |
| | | | | Crada of C | |
| JUS 300-level course (J-1 Core Status pre-requisite) | 3 | | | Grade of C | |
| | 3 4 | | | Grade of C | - |
| JUS 300-level course (J-1 Core Status pre-requisite) | _ | | | Grade of C | |
| JUS 300-level course (J-1 Core Status pre-requisite) Natural Science – Quantitative or General (SQ or SG) | 3 | | | Grade of C | |
| JUS 300-level course (J-1 Core Status pre-requisite) Natural Science – Quantitative or General (SQ or SG) TERM SIX: 76-90 CREDIT HOURS JUS 400-level course (L) (Capstone Status Pre-requisite) Upper division Elective | 3 3 | | | Grade of C Grade of C | |
| JUS 300-level course (J-1 Core Status pre-requisite) Natural Science – Quantitative or General (SQ or SG) TERM SIX: 76-90 CREDIT HOURS JUS 400-level course (L) (Capstone Status Pre-requisite) Upper division Elective Upper division related field or Discipline Specific Focus course Elective | 3 3 3 3 | | | Grade of C | |
| JUS 300-level course (J-1 Core Status pre-requisite) Natural Science – Quantitative or General (SQ or SG) TERM SIX: 76-90 CREDIT HOURS JUS 400-level course (L) (Capstone Status Pre-requisite) Upper division Elective Upper division related field or Discipline Specific Focus course Elective Elective | 3 3 3 | | | Grade of C Grade of C | |
| JUS 300-level course (J-1 Core Status pre-requisite) Natural Science – Quantitative or General (SQ or SG) TERM SIX: 76-90 CREDIT HOURS JUS 400-level course (L) (Capstone Status Pre-requisite) Upper division Elective Upper division related field or Discipline Specific Focus course Elective Elective TERM SEVEN: 91-105 CREDIT HOURS | 3 3 3 3 3 | | | Grade of C Grade of C Grade of C | |
| JUS 300-level course (J-1 Core Status pre-requisite) Natural Science – Quantitative or General (SQ or SG) TERM SIX: 76-90 CREDIT HOURS JUS 400-level course (L) (Capstone Status Pre-requisite) Upper division Elective Upper division related field or Discipline Specific Focus course Elective Elective TERM SEVEN: 91-105 CREDIT HOURS JUS 400-level course (Capstone Status Pre-requisite) | 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C | |
| JUS 300-level course (J-1 Core Status pre-requisite) Natural Science – Quantitative or General (SQ or SG) TERM SIX: 76-90 CREDIT HOURS JUS 400-level course (L) (Capstone Status Pre-requisite) Upper division Elective Upper division related field or Discipline Specific Focus course Elective Elective TERM SEVEN: 91-105 CREDIT HOURS JUS 400-level course (Capstone Status Pre-requisite) JUS 400-level course (Capstone Status Pre-requisite) | 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C | |
| JUS 300-level course (J-1 Core Status pre-requisite) Natural Science – Quantitative or General (SQ or SG) TERM SIX: 76-90 CREDIT HOURS JUS 400-level course (L) (Capstone Status Pre-requisite) Upper division Elective Upper division related field or Discipline Specific Focus course Elective Elective TERM SEVEN: 91-105 CREDIT HOURS JUS 400-level course (Capstone Status Pre-requisite) | 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C | |



Major Map: Justice Studies - Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade | |
|---|------|-------------|--------------|---------------|--|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | if Required | Additional Critical Requirements Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper division designated capstone course (Capstone Status pre- | | | | | |
| requisite) | 3 | \boxtimes | | Grade of C | |
| Upper division related field or Discipline Specific Focus course | 3 | \boxtimes | | Grade of C | |
| JUS elective course (JUS 484 Internship recommended or if JUS 200 | | | | | |
| completed earlier, upper division elective or additional JUS 300 or 400 | | | | | |
| level course) | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | , | , | , | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Justice Studies – Bachelor of Science (B.S.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|----------------------------|--------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirements Notes |
| TERM ONE: 0-15 CREDIT HOURS ENG 101 and 102: First-Year Composition OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 107 and 108: English for Foreign Students OR | | | | | determines placement into first-year composition |
| ENG 105: Advanced First-Year Composition or | 3 | | | Grade of C | courses ASU Math Placement Exam score determines |
| WAC 101: Intro to Academic Writing Complete 1 course from: | 3 | Ш | | Grade of C | placement in Mathematics course |
| JUS 105: Introduction to Justice Studies (SB) | | | | | Complete First-Year Composition by end of semester |
| JUS elective | 3 | | | Grade of C | Complete Mathematical Studies (MA) by end of |
| Elective (recommend MAT prerequisite if needed) | |] | | | semester 3 |
| Elective | 3 | | | | Earn 2.50 ASU cumulative GPA recommended |
| Elective Academic Success Class or First Year Seminar | 1 | | | | All freshmen are required to pass an academic success class and therefore must enroll in an |
| Academic Success Class of First Teal Schillian | 1 | | | | Academic Success Cluster and/or a First-Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 or 102: First-Year Composition and | | | | | Complete First-Year Composition by end of semester |
| ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Complete Mathematical Studies (MA) by end of |
| Complete remaining course from: | | | | Grade of C | semester 3 |
| JUS 105: Introduction to Justice Studies (SB) | 2 | | | G 1 60 | Earn 2.50 ASU cumulative GPA recommended |
| JUS elective | 3 | | | Grade of C | |
| Natural Science-Quantitative (SQ) | 4 | | | | |
| Humanities, Fine Arts, and Design (HU) and Awareness Area (C) MAT 142: College Mathematics (MA) | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | Grade of C | |
| Complete one course from: | 3 | | | Grade of C | Complete First-Year Composition by end of semester |
| ENG 215 Strategies of Academic Writing (L) OR | | | | | 3 |
| ENG 216 Persuasive Writing on Public Issues (L) OR ENG 217 Writing Reflective Essays (L) OR | | | | | Complete Mathematical Studies (MA) by end of semester 3 |
| ENG 218 Writing About Literature (L) OR | | | | | Earn 2.50 ASU cumulative GPA recommended |
| ENG 301 Writing for the Professions (L) | | | | | Completing one of the following courses is critical at |
| Elective | 3 | | | | end of Term 4: ENG 215 Strategies of Academic Writing (L) OR |
| Humanities, Fine Arts, and Design (HU) and Awareness Areas (G) | 3 | | | | ENG 216 Persuasive Writing on Public Issues (L) OR |
| Natural Science – Quantitative or General (SQ or SG) | 4 | | | g 1 ag:ama | ENG 217 Writing Reflective Essays (L) OR |
| Social and Behavioral Sciences (recommend JUS 200 Topics in Concepts & Issues of Justice) (SB) | 3 | | | Grade of C if JUS 200 taken | ENG 218 Writing About Literature (L) OR ENG 301 Writing for the Professions (L) |
| TERM FOUR: 46-60 CREDIT HOURS | | | | 200 tanen | |
| JUS 301 Research in Justice Studies (SB) | 3 | \boxtimes | | Grade of C | Completing one of the following courses is critical at |
| JUS 302 Basic Statistical Analysis in Justice Studies (CS) | 3 | ⊠ | | Grade of C | end of Term 4: |
| JUS 303 Justice Theory | 3 | \boxtimes | | Grade of C | ENG 215 Strategies of Academic Writing (L) OR ENG 216 Persuasive Writing on Public Issues (L) OR |
| Historical Awareness (H) course | 3 | | | | ENG 217 Writing Reflective Essays (L) OR |
| Elective | 3 | | | | ENG 218 Writing About Literature (L) OR |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | ENG 301 Writing for the Professions (L) |
| JUS 300-level course | 3 | \boxtimes | | Grade of C | |
| Upper division related field or Discipline Specific Focus course | 3 | \boxtimes | | Grade of C | |
| Science & Society course | 3 | | | Grade of C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | ⊠ | | Grade or e | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | J | | | | |
| JUS 300-level course | 3 | \boxtimes | | Grade of C | |
| JUS 400-level course | 3 | ⊠ | | Grade of C | |
| Upper division related field or Discipline Specific Focus course | 3 | | | Grade of C | |
| Upper division Science & Society course | 3 | ⊠ | | Grade of C | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| JUS 400-level course | 3 | \boxtimes | | Grade of C | |
| JUS 400-level course | 3 | \boxtimes | | Grade of C | |
| Upper division related field or Discipline Specific Focus course | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |

Major Map: Justice Studies - Bachelor of Science (B.S.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade | AUX 10X ID : AV |
|--|------|-------------|--------------|---------------|--|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | if Required | Additional Critical Requirements Notes |
| TERM EIGHT: 106-120 CREDIT HOURS J-4 JUS course (JUS 484 Internship recommended or if JUS 200 | | | | | |
| completed earlier, upper division elective) | 3 | | | Grade of C | |
| Upper division related field or Discipline Specific Focus course | 3 | \boxtimes | | Grade of C | |
| Upper division elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|-------------------------------|-----------------------------------|--|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Mathematics – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | ansfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|----------|--|--------------|------------------------------------|---|--|
| Course Subject and Title | 11 | Upper | Transfer | Minimum Grade if Required | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 101 and 102: First-Year Composition OR | <u> </u> | | | Grade of C | determines placement into first-year | |
| ENG 107 and 108: English for Foreign Students OR | 2 | | | Cond. of C | composition courses ASU Math Placement Exam score determines | |
| ENG 105: Advanced First-Year Composition Second Language | 3 4-5 | | | Grade of C Grade of C | placement in Mathematics course | |
| General Elective | 3 | | | Grade of C | Minimum 2.80 cumulative GPA in all critical | |
| Academic Success Class or First Year Seminar | 1 | | | | courses Minimum grade of C required in all MAT and | |
| | | | | | STP classes; grade of B or better strongly | |
| | | | | | correlated with timely graduation All freshmen must pass an academic success | |
| | | | | | course and therefore must enroll in an Academic | |
| | | | | | Success Cluster and/or a First-Year Seminar | |
| TERM TWO: 16-30 CREDIT HOURS CSE 100: Principles of Programming with C++ (CS) OR | | | | | Minimum 2.80 cumulative GPA in all critical | |
| CSE 110: Principles of Programming with Java (CS) | 3 | | | Grade of C | courses | |
| ENG 101 or 102: First-Year Composition OR | | | | | Minimum grade of C required in all MAT and CTD I | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | STP classes; grade of B or better strongly correlated with timely graduation | |
| MAT 271: Calculus with Analytic Geometry II | 4 | | | Grade of C | graduite with timery graduition | |
| Second Language | 4-5 | | | Grade of C | | |
| Social & Behavioral Science (SB) | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| MAT 272: Calculus with Analytic Geometry III | 4 | | | Grade of C | First-year composition completed | |
| MAT Elective | 3 | | | Grade of C | Minimum 2.80 cumulative GPA in all critical requirement courses | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | Minimum grade of C required in all MAT and | |
| Second Language | 4-5 | | | Grade of C | STP classes; grade of B or better strongly correlated with timely graduation | |
| General Elective | 3 | | | Grade of C | correlated with timery graduation | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| MAT 243: Discrete Mathematical Structures OR | | _ | | | Minimum 2.80 cumulative GPA in all critical | |
| MAT 300: Mathematical Structures (L) MAT 342: Linear Algebra OR | 3 | | | Grade of C | requirement courses Minimum grade of C required in all MAT and | |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | \boxtimes | | Grade of C | STP classes; grade of B or better strongly | |
| Social & Behavioral Science AND Cultural Diversity in the US (C), | | | | | correlated with timely graduation | |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | PHY 121/122 (SQ) advised for Natural Sciences I semester 4, also fulfills related field | |
| Natural Science Quantitative (SQ) Second Language if necessary or | 4 | | | Grade of C in Second | If MAT 243 is taken in semester 4, must take | |
| Elective | 4-5 | | | Language | upper division Literacy in semester 6 | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I | 3 | | | Grade of C | Minimum grade of C required in all MAT and | |
| Upper division Humanities, Fine Arts & Design (HU) | 3 | | | Grade of C | STP classes; grade of B or better strongly correlated with timely graduation | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | Second Language requirement completed | |
| Literacy and Critical Inquiry (L) | 3 | | | | | |
| General Elective | 2 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | • | | | |
| Upper division MAT/STP (additional)course | 3 | \boxtimes | | Grade of C | Minimum grade of C required in all MAT and | |
| Upper division MAT/STP (additional)course | 3 | \boxtimes | | Grade of C | STP classes; grade of B or better strongly correlated with timely graduation | |
| Related field course | 3 | | | Grade of C | correlated with timery graduation | |
| Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science AND Cultural Diversity in the US (C), | | | | | | |
| Global Awareness (G) OR Historical Awareness (H) | 3 | \boxtimes | | | | |
| Upper division Literacy and Critical Inquiry (L) OR | | | | | | |
| if MAT 300 completed take Upper division MAT/STP course | 3 | \boxtimes | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 2 | 172 | | Crada of C | Minimum grade of C required in all MAT and | |
| Upper division MAT/STP (additional) course | 3 | | + | Grade of C | STP classes; grade of B or better strongly | |
| Upper division Related Field course Upper division Related Field course | 3 | | 1 | Grade of C | correlated with timely graduation | |
| Upper division Related Field course Upper division general elective | 3 | | | Grade of C | 1 | |
| TERM EIGHT: 106-120 CREDIT HOURS |) | | | | | |
| Upper division MAT/STP (additional) course | 3 | | | Grade of C | Minimum grade of C required in all MAT and | |
| Upper division Related Field course | 3 | | | Grade of C | STP classes; grade of B or better strongly | |
| Additional upper division course | 3 | | | | correlated with timely graduation | |
| Upper division general elective | 3 | ⊠ | | | 1 | |



Major Map: Mathematics – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 |
|---------------------------|-------------------------------|---------------------------------|---------------------------|---|---------------------------|---------------------------------|
| | | | | (56 minimum) | | maximum) |
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Mathematics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|--|-----------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE. 0-13 CREDIT HOURS | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | | | Grade of C | determines placement into first-year composition |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | | | | | courses ASU Math Placement Exam score determines |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | placement in Mathematics course |
| General Elective | 3 | | | | Minimum cumulative 2.80 GPA in all critical courses |
| General Elective | | | | | Minimum grade of C required in all MAT and |
| General Elective | 3 | | | | STP classes; grade of B or better strongly correlated with timely graduation |
| | | | | | All freshmen must pass an academic success |
| Andreis Corres Clare on First Wass Coming | 1 | | | | course and therefore must enroll in an Academic Success Cluster and/or a First-Year Seminar |
| Academic Success Class or First Year Seminar TERM TWO: 16-30 CREDIT HOURS | 1 | | | | Success Cluster and/or a First- Fear Seminar |
| Complete 1 course from: | | | | | Minimum cumulative 2.80 GPA in all critical |
| CSE 100: Principles of Programming with C++ (CS) OR | 2 | | | C 1 C | courses |
| CSE 110: Principles of Programming with Java (CS) | 3 | | | Grade of C Grade of C | Minimum grade of C required in all MAT and STP classes; grade of B or better strongly |
| MAT 271: Calculus with Analytic Geometry II ENG 101 or 102: First-Year Composition OR | 4 | ш | | Grade of C | correlated with timely graduation |
| ENG 105: Advanced First-Year Composition OR | | _ | | | |
| ENG 107 or 108: English for Foreign Students Social & Behavioral Science AND Cultural Diversity in the US (C), | 3 | | | Grade of C | - |
| Global Awareness (G) OR Historical Awareness (H) | 3 | | | | |
| General Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 1 | | | 1 | |
| MAT 272: Calculus with Analytic Geometry III | 4 | | | Grade of C | First-year composition completed Minimum cumulative 2.80 GPA in all critical |
| CSE 205: Object Oriented Programming and Data Structures | 3 | | | Grade of C | - courses |
| Literacy and Critical Inquiry (L) Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | | Minimum grade of C required in all MAT and STP algeorate grade of P or better strongly. |
| US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | | | | STP classes; grade of B or better strongly correlated with timely graduation |
| General Elective | 3 | | | |] |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| MAT 300: Mathematical Structures (L) | 3 | \boxtimes | | Grade of C | Minimum cumulative 2.80 GPA in all critical courses |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | | | Grade of C | Minimum grade of C required in all MAT and |
| Social & Behavioral Science (SB) | 3 | | | Grade of C | STP classes; grade of B or better strongly |
| Natural Science Quantitative (SQ) | 4 | | | | correlated with timely graduation PHY 121/122 (SQ) advised for Natural Sciences |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | semester 4, also fulfills related field |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| MAT 371: Advanced Calculus I | 3 | \boxtimes | | Grade of C | Minimum grade of C required in all MAT and STP places of or of P or better strongly. |
| MAT or STP (additional) course | 3 | | | Grade of C | STP classes; grade of B or better strongly correlated with timely graduation |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | 1 |
| Upper division Humanities, Fine Arts & Design (HU) | 3 | | | | 4 |
| Upper division general elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS Upper division MAT or STP (depth) course | 3 | \boxtimes | | Grade of C | Minimum grade of C required in all MAT and |
| MAT or STP (additional) course | 3 | | | Grade of C | STP classes; grade of B or better strongly |
| Upper division Humanities, Fine Arts & Design (HU) OR | , | | | Grade of C | correlated with timely graduation |
| Social & Behavioral Science AND | | | | | |
| Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H) | 3 | \boxtimes | | | |
| Upper division Related Field course | 3 | ⊠ | | Grade of C | 1 |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper division MAT/STP (depth) course | 3 | \boxtimes | | Grade of C | Minimum grade of C required in all MAT and STP classes; grade of B or better strongly |
| Upper division MAT/STP (advanced) course | 3 | \boxtimes | | Grade of C | correlated with timely graduation |
| Upper division Related Field | 3 | \boxtimes | | Grade of C | 1 |
| General Elective | 3 | | | | - |
| General Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | 2 | 1 73 | | Condo (CC | Minimum grade of C required in all MAT and |
| Upper division MAT/STP (advanced course | 3 | | | Grade of C | STP classes; grade of B or better strongly |
| Upper division MAT/STP (additional) course General Elective | 3 | | | Grade of C | correlated with timely graduation |
| General Elective | 3 | | | <u> </u> | 1 |



Major Map: Mathematics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 |
|---------------------------|-------------------------------|---------------------------------|---------------------------|---|---------------------------|---------------------------------|
| | | | | (56 minimum) | | maximum) |
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0
 - 0
 - 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Mathematics (Statistics) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|---|------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | ASU 101 is for ASU freshman students only |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | | | Grade of C | Not required of transfer students |
| ENG 101 and 102: First-Year Composition OR | | _ | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | determines placement into first-year composition courses |
| ENG 103. Advanced Pilst-Teal Composition | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| | _ | | | | placement in Mathematics course Minimum cumulative 2.80 GPA in all critical |
| Global Awareness (G) | 3 | | | | courses |
| | | | | | Minimum grade of C required in all MAT and |
| General Elective | 3 | | | | STP classes; grade of B or better strongly correlated with timely graduation |
| General Elective | | | | | All freshmen must pass an academic success |
| A L C C C F L V C C | , | | | | course and therefore must enroll in an Academic |
| Academic Success Class or First Year Seminar | 1 | | | | Success Cluster and/or a First-Year Seminar |
| TERM TWO: 16-30 CREDIT HOURS CSE 100: Principles of Programming with C++ (CS) OR | | | | | Minimum cumulative 2.80 GPA in all critical |
| CSE 110: Principles of Programming with Java (CS) | 3 | | | Grade of C | courses |
| MAT 271: Calculus with Analytic Geometry II | 4 | | | Grade of C | Minimum grade of C required in all MAT and STP classes grade of B or better strongly. |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | | | | | STP classes; grade of B or better strongly correlated with timely graduation |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | J |
| Social & Behavioral Science AND Cultural Diversity in the US (C), | | | | | 1 |
| Global Awareness (G) OR Historical Awareness (H) | 3 | | | | - |
| General Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 1 | | | 0 1 60 | First-year composition completed |
| MAT 272: Calculus with Analytic Geometry III | 4 | | | Grade of C | Minimum cumulative 2.80 GPA in all critical |
| CSE 205: Object Oriented Programming and Data Structures | 3 | | | Grade of C | courses |
| STP 420: Introductory Applied Statistics | 3 | | | Grade of C | Minimum grade of C required in all MAT and STP classes; grade of B or better strongly |
| Literacy and Critical Inquiry (L) Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | | correlated with timely graduation |
| US (C) OR Historical Awareness (H) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | 1 | | | |
| MAT 300: Mathematical Structures (L) | 3 | | | Grade of C | Minimum cumulative 2.80 GPA in all critical courses |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | \boxtimes | | Grade of C | Minimum grade of C required in all MAT and |
| STP 429: Experimental Statistics | 3 | ⊠ | | Grade of C | STP classes; grade of B or better strongly |
| Social & Behavioral Science (SB) | 3 | | | Grade of C | correlated with timely graduation PHY 121/122 (SQ) advised for Natural Sciences |
| Natural Science Quantitative (SQ) | 4 | | | | I semester 4, also fulfills related field |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| MAT 371: Advanced Calculus I | 3 | \boxtimes | | Grade of C | Minimum cumulative 2.80 GPA in all critical |
| STP 421: Probability | 3 | \boxtimes | | Grade of C | courses Minimum grade of C required in all MAT and |
| Upper division Humanities, Fine Arts & Design (HU) OR | 2 | № | | | STP classes; grade of B or better strongly |
| Social & Behavioral Science Upper division CLAS Science and Society | 3 | ⊠ ⊠ | | Grade of C | correlated with timely graduation |
| General Elective | 3 | | | Grade of C | 1 |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| STP 427: Mathematical Statistics | 3 | \boxtimes | | Grade of C | Minimum grade of C required in all MAT and |
| MAT or STP (advanced) course | 3 | | | Grade of C | STP classes; grade of B or better strongly |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | correlated with timely graduation |
| Upper division CLAS Science and Society | 3 | | | Grade of C | 1 |
| Upper division Humanities, Fine Arts & Design (HU) OR | | | | | 1 |
| Social & Behavioral Science | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | - | | | G 1 5G | Minimum grade of C required in all MAT and |
| Upper division MAT/STP (advanced) course | 3 | | | Grade of C | STP classes; grade of B or better strongly |
| Related Field course | 3 | | | Grade of C | correlated with timely graduation |
| Related Field course | 4 | | | Grade of C | - |
| Upper division general elective | 2 | | 1 | | - |
| General Elective | | | 1 | | |



Major Map: Mathematics (Statistics) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|--|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper division MAT or STP (advanced) course | 3 | \boxtimes | | Grade of C | Minimum grade of C required in all MAT and STP |
| Upper division Related Field course | 3 | \boxtimes | | Grade of C | classes; grade of B or better strongly correlated with timely graduation |
| General Elective | 3 | | | | with timery graduation |
| General Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|---------------------------|---|---------------------------|---|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Microbiology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-----------|-------------------|---|--|---|
| Course Subject and Title (courses in bold /s hading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | 3.44 | |
| CHM 113: General Chemistry I | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR | |] | | | determines placement into first-year composition courses |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| MAT 251 (MA): Calculus for Life Sciences or MAT 170: Pre-calculus | 3 | | | Grade of C | placement in Mathematics course |
| (if needed as a pre-requisite) | 3 |] | | Grade of C | All freshmen must pass an academic success course and therefore must enroll in an Academic |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) OR Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | Success Cluster and/or First Year Seminar |
| Academic Success Class or First Year Seminar | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| BIO 181: General Biology I OR BIO 182: General Biology II | 4 | | | Grade of C | CHM 113 must be complete by end of term 2 |
| CHM 116: General Chemistry II | 4 | | | Grade of C | |
| , , , , , , , , , , , , , , , , , , , | 4 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | | | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), | |] | | | |
| Global Awareness (G) or Historical Awareness (H) TERM THREE: 31-45 CREDIT HOURS | 3 | | | | |
| BIO 181: General Biology I OR | | | | | Choose between the following combinations (8 |
| BIO 182: General Biology II | 4 | | | Grade of C | hrs): CHM 231/235 & BCH 361/367 OR |
| CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory | 3/1 | | | | CHM 233/237 & CHM 234/238 • Complete first-year composition requirement |
| CHAI 255 Gen organic Chemistry Fee CHAI 257 Euroblatory | or 4 | | | Grade of C | CHM 116 must be complete by end of term 3 |
| STP 226: Elements of Statistics OR | | | | | |
| STP 231: Statistics for Life Science | 3 | | | Grade of C | |
| CLAS Science and Society TERM FOUR: 46-60 CREDIT HOURS | 3 | | | Grade of C | |
| MIC 220: Biology of Microorganisms | 3 | | | Grade of C | Choose between the following combinations (8 |
| MIC 206: Microbiology Laboratory | 1 | | | Grade of C | hrs): CHM 231/235 & BCH 361/367 OR CHM 233/237 & CHM 234/238 |
| CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory, if CHM | 3/1 or | | | Grade of C in CHM 231 & 235, 233 & 237, | CHIVI 255/257 & CHIVI 254/256 |
| 231/235 completed take General Elective | 3 | | | or 234/238 | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | Both MIC 302 and 401 must be completed for |
| BIO 340: General Genetics | 2 | | | Grade of C | Literacy & Critical Inquiry (L) credit |
| MIC 302: Advanced Bacteriology Laboratory PHY 111: General Physics & PHY 113: Laboratory | 3/1 | | | Grade of C Grade of C | |
| Upper Division CLAS Science and Society | 3 | | | Grade of C | |
| Upper division general elective or CHM 234 Gen Organic Chemistry II | 3 or | | | Grade of C in CHM | |
| & CHM 238 Laboratory if CHM 233 and 237 is completed in term 4 | 3/1 | ⊠or □ | | 233/237 or 234/238 | |
| TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory | 3/1 | | | | • Characheterrough - fallowing a suphing tions (0 |
| OR if CHM 233/237 & 234/238 completed, take | or | \boxtimes | | Grade of C in BCH | Choose between the following combinations (8 hrs): CHM 231/235 & BCH 361/367 OR |
| Upper division general elective | 3 | | | 361/367 | CHM 233/237 & CHM 234/238 |
| PHY 112: General Physics & PHY 114: Laboratory | 3/1 | | | Grade of C | |
| Complete one course from: MIC 421: Experimental Immunology (2) | | | | | |
| MIC 442: Bacterial Genetics Lab (1) | 1, | | | | |
| MIC 446: Techniques in Molecular Biology/Genetics Lab (2) MIC 470: Bacterial Diversity & Systematics (4) | 2, 3 | \boxtimes | | Grade of C | |
| MIC 470: Bacterial Diversity & Systematics (4) MIC 484: Internship (3) | or 4 | | | | |
| MIC 494: ST: Clinical Bacteriology Lab (3) | | | | | |
| MIC 495: Undergraduate Research (2) Upper division Humanities, Fine Arts & Design (HU) OR | | | | | |
| Social & Behavioral Science (SB) | 3 | \boxtimes | | | |
| General Elective | 4 | | | | |



Major Map: Microbiology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|--------------------|-------------------|--------------------------|------------------------------|---|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| MIC 360: Bacterial Physiology | 4 | \boxtimes | | Grade of C | |
| Upper division Major Elective | 3 | \boxtimes | | Grade of C | |
| Complete one course from: MIC 421: Experimental Immunology (2) MIC 442: Bacterial Genetics Lab (1) MIC 446: Techniques in Molecular Biology/Genetics Lab (2) MIC 470: Bacterial Diversity & Systematics (4) MIC 484: Internship (3) MIC 494: ST: Clinical Bacteriology Lab (3) MIC 495: Undergraduate Research (2) Upper division general elective | 1, 2, 3 or 4 | <u>⊠</u> | | Grade of C | |
| Upper division general elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | ! | |
| MIC 401: Research Paper | 1 | ⊠ | | Grade of C | Both MIC 302 and 401 must be completed for |
| Upper division Major Elective | 3 | \boxtimes | | Grade of C | Literacy & Critical Inquiry (L) credit. MIC 401 requires the completion of an |
| Upper division Major Elective (Lab) | 3 | ⊠ | | Grade of C | individualized instruction form and meeting with |
| Upper division Major Elective | 2 | \boxtimes | | Grade of C | a faculty member before the semester begins. |
| Upper division General Elective | 3 | \boxtimes | | | |

Graduation Requirements Summary:

Upper division General Elective

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|------------------------------|------------------------|---|---------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Molecular Biosciences and Biotechnology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | □ MAPP □ | ister Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|--------------------------|----------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | IIIS. | Division | Course/Grade | Minimum Grade ii Required | Additional Critical Requirement Notes |
| CHM 113: General Chemistry I | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR | 7 | | | Grade of C | determines placement into first-year composition courses |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | ASÚ Math Placement Exam score determines placement in Mathematics course |
| PHY 111: General Physics & PHY 113: Laboratory | 3/1 | | | Grade of C | MAT 251 or equivalent to be completed by end of term 2 All freshmen must pass an academic success |
| Academic Success Class or First Year Seminar | 1 | | | | course and therefore must enroll in an Academic Success Cluster and/or a First Year |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | Seminar |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| CHM 116: General Chemistry II or CHM 113: General Chemistry I if not complete in term 1 | 4 | | | Grade of C | MAT 251 or equivalent to be completed by end of term 2 |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | CHM 113 must be complete by end of term 2 |
| MAT 251: Calculus for Life Sciences (MA) | 3 | | | Grade of C | |
| PHY 112: General Physics & PHY 114: Laboratory | 3/1 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US | 3 | | | | |
| (C), Global Awareness (G) or Historical Awareness (H) | _ | | | | |
| TERM THREE: 31-45 CREDIT HOURS CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR | | | | | Choose between the following combinations |
| CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory OR CHM 116: General Chemistry II if not complete in term 2 | 3/1 | | | Grade of C | (8 hrs): CHM 231/235 OR CHM 233/237 & CHM 234/238 |
| MBB 245: Principles of Cellular and Molecular Biology I | 4 | | | Grade of C | Complete first-year composition requirement CHM 116 must be complete by end of term 3 |
| Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | CTIVI 110 must be complete by end of term 3 |
| CLAS Science and Society | 3 | | | Grade of C | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| MBB 247: Principles of Cellular and Molecular Biology II | 4 | | | Grade of C | Choose between the following combinations (9 low): CIM 221/225 CP |
| MIC 220: Biology of Microorganisms & MIC 206: Laboratory | 3/1 | | | Grade of C | (8 hrs): CHM 231/235 OR CHM 233/237 & CHM 234/238 |
| CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR | | | | | |
| CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory, if CHM | 3/1 | | | Grade of C in CHM 231 | |
| 231/235 completed take OR | or | | | & 235, 233 & 237, or | |
| General Elective Humanities, Fine Arts & Design (HU) | 3 | | | 234 & 238 | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| MBB 343: Genetic Engineering and Society (L) | 4 | \boxtimes | | Grade of C | MBB 484 or 499 requires the completion of |
| Choose from the following courses or combinations: | | | | | an individualized instruction form and |
| MBB 484: Internship (minimum 3.3 GPA (3); MBB 499: Individualized Instruction (minimum GPA 3.0) (3) OR | | | | | meeting with a faculty member before the semester begins. These are positions and |
| Upper division major elective | 3 -5 | \boxtimes | | Grade of C | research experience secured by the student on |
| BIO 340: General Genetics | 4 | \boxtimes | | Grade of C | their own. |
| Upper division general elective or CHM 234 Gen Organic Chemistry II | 3 or | ⊠or □ | | Grade of C in CHM | |
| & CHM 238 Laboratory if CHM 233 and 237 is completed in term 4 TERM SIX: 76-90 CREDIT HOURS | 3/1 | | | 233/237 or 234/238 | |
| BCH 361: Principles of Biochemistry & BCH 367: Laboratory | 3/1 | \boxtimes | | Grade of C | MBB 484 or 499 requires the completion |
| MAT 351: Mathematical Methods for Genetic Analysis (CS) OR | | | | | of an individualized instruction form and |
| MAT/BIO/MBB 355: Computational Molecular Biology (CS) Choose from the following courses or combinations: | 3 | ⊠ | | Grade of C | meeting with a faculty member before the semester begins. These are positions and |
| MBB 484: Internship (minimum 3.3 GPA (3); | | | | | research experience secured by the student |
| MBB 499: Individualized Instruction (minimum GPA 3.0) (3) OR | 2.5 | ⊠ | | Contact C | on their own. |
| Upper division major elective Upper division Humanities, Fine Arts & Design (HU) OR | 3-5 | | | Grade of C | |
| Social & Behavioral Science (SB) | 3 | \boxtimes | | | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| MBB 490: Issues in Biotechnology Upper division Major Elective if needed. If complete, then Upper | 2 | | | Grade of C | |
| Division General Elective | 2-3 | \boxtimes | | Grade of C | |
| Upper division general elective | 3 | × | | | |
| Upper division general elective | 3 | | | | |
| Upper division general elective | 3 | | | | |
| General elective | 3 | ΙП | l | 1 | |



Major Map: Molecular Biosciences and Biotechnology –

Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| MBB 491: Issues in Molecular Biosciences | 2 | | | Grade of C | |
| Upper division general elective | 3 | | | | |
| Upper division general elective | 3 | | | | |
| Upper division general elective | 3 | | | | |
| Upper division general elective | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---------------------------------|------------------------|---|------------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Philosophy - Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Trai | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|---|------|-------------|---------------|-------------------------------|--|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes | | |
| ENG 101 and 102: First-Year Composition OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score | | |
| ENG 107 and 108: English for Foreign Students OR | | _ | | | determines placement into first-year composition | | |
| ENG 105: Advanced First-Year Composition MAT 142: College Mathematics (MA) | 3 | | | Grade of C | courses ASU Math Placement Exam score determines | | |
| . , , | 3 | | | Grade of C | placement in Mathematics course | | |
| Second Language | 4 | | | Grade of C | Complete Mathematical Studies (MA) by | | |
| Elective (recommend: PHI 1** - Any 3 hour 100 level PHI course) | 3 | | | Grade of C in PHI course | semester 4. | | |
| Elective | 2 | | | | Complete all critical courses by the end of semester 4. | | |
| | | | | | All freshmen are required to pass an academic | | |
| | | | | | success class and therefore must enroll in an Academic Success Cluster and/or a First Year | | |
| | | | | | Seminar | | |
| Academic Success Class or First Year Seminar | 1 | | | | Maintain 2.00 cumulative GPA in critical courses | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | | | | | Maintain 2.00 cumulative GPA in critical courses | | |
| ENG 107 and 100: English for Foreign Students OK ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | | | |
| Second Language | 4 | | | Grade of C | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | | | |
| ` ` ` ` ` ` ` | | | | Grade of C in PHI | | | |
| Elective (recommend: PHI 1** - Any 3 hour 100 level PHI course) Elective | 3 | | | course | | | |
| | 3 | | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | İ | | Maintain 2000 annual time CDA in anti-1 | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | Maintain 2.00 cumulative GPA in critical courses Complete First-Year Composition requirement: | | |
| Continue Second Language if necessary or Elective | 4 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 | | |
| Social and Behavioral Science (SB) and Cultural Awareness Area (C) Awareness Area – Global (G) - if needed | 3 | | | | | | |
| Awareness Area – Globar (G) - II necueu | 3 | | | Grade of C in PHI | | | |
| Elective (recommend: PHI 1** - Any 3 hour 100 level PHI course) | 3 | | | course | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | | |
| PHI 3001: Philosophical Argument and Exposition (L) | 3 | \boxtimes | | Grade of C | Maintain 2.00 cumulative GPA in critical courses | | |
| Natural Science-Quantitative or General (SQ/SG) | 4 | | | | Complete Mathematical Studies (MA) requirement. | | |
| Continue Second Language if necessary or Elective | 4 | | | Grade of C | requirement. | | |
| Social and Behavioral Science (SB) | 3 | | | | ¹ Open to Philosophy majors only; student must | | |
| Major Elective | 3 | | | | meet with advisor prior to enrolling. | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | | |
| PHI 301: History of Ancient Philosophy (HU, H) | 3 | \boxtimes | | Grade of C | Complete second language. | | |
| PHI 312: Theory of Knowledge (HU) or PHI 314: Philosophy of | | | | | | | |
| Science (HU) OR PHI 316: Metaphysics (HU) or PHI 317: Philosophy of Mind (HU) | 3 | \boxtimes | | Grade of C | | | |
| Upper Division Major Elective | 3 | ⊠ | | | | | |
| Major Elective | 3 | | | | | | |
| Elective | 3 | | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | | |
| PHI 302: History of Modern Philosophy | 3 | \boxtimes | | Grade of C | Select one course from PHI 312 or PHI 314 and | | |
| PHI 305 ² : Ethical Theory (HU) OR | | _ | | | another one from PHI 316 or PHI 317. | | |
| PHI 335: History of Ethics (HU) PHI 312: Theory of Knowledge (HU) or PHI 314: Philosophy of | 3 | \boxtimes | | Grade of C | ² 305 has a prerequisite of PHI 105 or PHI 306. | | |
| Science (HU) OR | | | | | | | |
| PHI 316: Metaphysics (HU) or PHI 317: Philosophy of Mind (HU) | 3 | \boxtimes | | Grade of C | | | |
| Major Elective if needed, or Elective | 3 | | | Grade of C | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | 1 | | 3 | | |
| PHI 400-Level ³ | 3 | \boxtimes | | Grade of C | ³ The 400-level requirement is met by taking two courses from the list PHI 401: Rationalism, 402: | | |
| Upper Division Major Elective | 3 | \boxtimes | | Grade of C | Empiricism, 403: Contemporary Analytic | | |
| Upper Division Elective | 3 | \boxtimes | | | Philosophy, 413: Advanced Symbolic Logic, 420: | | |
| Upper Division Elective | 3 | \boxtimes | | | Topics in Philosophy (420 may be taken multiple times.) | | |
| | | | | | unics.) | | |

Major Map: Philosophy - Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | 1 | |
| PHI 4** | 3 | \boxtimes | | Grade of C | |
| Upper Division Major Elective | 3 | \boxtimes | | Grade of C | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Academic Success Class or First Year Seminar | 1 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Physics Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------|--------------|------------------------------------|---|--|
| Course Subject and Title | | Upper | Transfer | | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | 0 1 60 | An SAT, ACT, Accuplacer, or TOEFL score | |
| MAT 270: Calculus with Analytic Geometry I (MA) ENG 101 and 102: First-Year Composition OR | 4 | | | Grade of C | determines placement into first-year | |
| ENG 105: Advanced First-Year Composition OR | | | | | composition courses | |
| ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course | |
| Academic Success Class or First Year Seminar | 1 | | | | Maintain 2.6 cumulative GPA in all critical | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the | 3 | | | | courses | |
| US (C) or Historical Awareness (H) | 3 | Ш | | | • PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, | |
| | | | | | respectively | |
| | | | | | All freshmen must pass an academic success | |
| | | | | 0 1 60 | course and therefore must enroll in an Academic | |
| CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | Success Cluster or First Year Seminar | |
| TERM TWO: 16-30 CREDIT HOURS MAT 271: Calculus with Analytic Geometry II (MA) | 4 | | | Grade of C | All critical courses must be completed by the | |
| PHY 150: Physics I (SQ) | 4 | | | Grade of C | end of semester 4 | |
| • • • • | 4 | | | Grade of C | Maintain 2.6 cumulative GPA in all critical | |
| Second Language ENG 101 and 102: First-Year Composition OR | 4 | | | Grade of C | requirement courses PHY 121/122 and 131/132 (or other equivalents) | |
| ENG 105: Advanced First-Year Composition OR | | | | | may be used in place of PHY 150 and 151, | |
| ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | respectively | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| MAT 272: Calculus with Analytic Geometry III | 4 | | | Grade of C | First-year composition completed. All critical courses must be completed by the | |
| PHY 151: Physics II (SQ) | 4 | | | Grade of C | end of semester 4 | |
| Second Language | 4 | | | Grade of C | Maintain 2.6 cumulative GPA in all critical | |
| Social & Behavioral Science (SB) AND Global Awareness (G) | 3 | | | | courses | |
| | | | | | • PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, | |
| General Elective | 3 | | | | respectively | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| PHY 252: Physics III | 4 | | | Grade of C | All critical courses must be completed by the | |
| PHY 201: Mathematical Methods in Physics I (CS) | 3 | | | Grade of C | end of semester 4 • Maintain 2.6 cumulative GPA in all critical | |
| Social & Behavioral Science (SB) | 3 | | | | courses | |
| Humanities, Fine Arts & Design (HU) | | | | | • PHY 121/122 and 131/132 (or other equivalents) | |
| and Cultural Diversity in the US (C) or Historical Awareness (H) | 3 | | | | may be used in place of PHY 150 and 151, respectively | |
| | | | | | A grade of C must be earned in the 4 th semester | |
| Second language (if needed or general elective) | 4 | | | Grade of C | language course (usually 202). | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| PHY 302: Mathematical Methods in Physics II | 3 | \boxtimes | | Grade of C | A grade of C must be earned in the 4 th semester | |
| PHY 310: Classical Particles, Fields, and Matter I | 3 | \boxtimes | | Grade of C | language course (usually 202). | |
| PHY 314: Quantum Physics I | 3 | \boxtimes | | Grade of C | | |
| Upper division Humanities, Fine Arts & Design (HU) OR | | | | | | |
| Social & Behavioral Science (SB) | 3 | | | | | |
| Second Language (if needed) or General Elective | 4 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | | | 0 1 60 | PHY Breadth Course must be approved by | |
| PHY 311: Classical Particles, Fields, and Matter II | 3 | | | Grade of C | Physics advisor. | |
| PHY Upper Division Breadth course | 3 | | | Grade of C | | |
| General Elective | 3 | | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | | |
| Upper division elective | 3 | \boxtimes | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 2 | 5 7 | | 0 1 60 | PHY Breadth Course must be approved by | |
| PHY Upper Division Breadth course | 3 | | | Grade of C | Physics advisor. | |
| Upper Division Elective | 3 | | 1 | | Thysics devisor. | |
| Upper Division Elective | 3 | | | | | |
| Upper division elective | 3 | | | | | |
| General Elective | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | <u>-</u> | | | | |
| Upper Division Elective | 3 | | | | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | | | |
| Upper division elective | 3 | | | | | |
| Upper division elective | 3 | \boxtimes | 1 | 1 | | |



Major Map: Physics Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|------------------------------|---------------------------|---|------------------------------|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:

 o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0
 - 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, minor or certificate.



Major Map: Physics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | nsfer Pathway: | Completed General Education: | | |
|--|----------|-------------|--------------|-------------------------------|--|--|--|
| Course Subject and Title | | Upper | Transfer | TAG ATP None Minimum Grade if | □AGEC □IGETC/CSUGE □None | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | | |
| ENG 101 and 102: First-Year Composition OR | 4 | | | Grade of C | determines placement into first-year composition | | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course | | |
| Academic Success Class or First Year Seminar | 1 | | | | Maintain 2.6 cumulative GPA in all critical | | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C) or Historical Awareness (H) | 3 | | | | • PHY 121/122 and 131/132 (or other equivalents) | | |
| Social & Behavioral Science (SB) | 3 | | | | may be used in place of PHY 150 and 151, respectively All freshmen must pass an academic success course and therefore must enroll in an Academic Success Cluster or First Year Seminar | | |
| TERM TWO: 16-30 CREDIT HOURS | 3 | | 1 | | Success Cluster of First Tear Schillian | | |
| MAT 271: Calculus with Analytic Geometry II | 4 | | | Grade of C | All critical courses must be completed by the end | | |
| PHY 150: Physics I (SQ) | 4 | | | Grade of C | of semester 4 | | |
| Humanities, Fine Arts & Design (HU) and Cultural Diversity in the | <u> </u> | | | Grade of C | Maintain 2.6 cumulative GPA in all critical requirement courses | | |
| US (C) or Historical Awareness (H) | 3 | | | | PHY 121/122 and 131/132 (or other equivalents) | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | may be used in place of PHY 150 and 151, respectively | | |
| TERM THREE: 31-45 CREDIT HOURS | 3 | | | Grade of C | | | |
| MAT 272: Calculus with Analytic Geometry III | 4 | П | | Grade of C | First-year composition completed. | | |
| PHY 151: Physics II (SQ) | 4 | | | Grade of C | All critical courses must be completed by the end | | |
| CLAS Science and Society | 3 | | | Grade of C | of semester 4 Maintain 2.6 cumulative GPA in all critical | | |
| General Elective | 3 | | | Grade or C | courses | | |
| | | | | | • PHY 121/122 and 131/132 (or other equivalents) | | |
| Social & Behavioral Science (SB) AND Global Awareness (G) | 3 | | | | may be used in place of PHY 150 and 151, respectively | | |
| TERM FOUR: 46-60 CREDIT HOURS | 3 | | | | respectively | | |
| PHY 252: Physics III | 4 | | | Grade of C | All critical courses must be completed by the end | | |
| PHY 201: Mathematical Methods in Physics I | 3 | | | Grade of C | of semester 4 • Maintain 2.6 cumulative GPA in all critical | | |
| PHY 334:Advanced Lab I | 2 | \boxtimes | | Grade of C | courses | | |
| Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) | 3 | ⊠ | | | PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, | | |
| Upper division CLAS Science and Society TERM FIVE: 61-75 CREDIT HOURS | 3 | | | Grade of C | respectively • Students must choose one of two possible two-course sequences: PHY 333 and PHY 334 OR PHY 334 and PHY 465 | | |
| PHY 302: Mathematical Methods in Physics II | 3 | \boxtimes | | Grade of C | A second option is available to Physics majors. | | |
| PHY 310: Classical Particles, Fields, and Matter I | 3 | | | Grade of C | See department advisor for a map of the B.S. in | | |
| PHY 314: Quantum Physics I | 3 | | | Grade of C | Physics Option 2 | | |
| Upper division Elective | 3 | | | Grade or C | | | |
| General Elective | 3 | | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | | |
| PHY 311: Classical Particles, Fields, and Matter II | 3 | \boxtimes | | Grade of C | A second option is available to Physics majors. | | |
| PHY 315: Quantum Physics II | 3 | \boxtimes | | Grade of C | See department advisor for a map of the B.S. in Physics Option 2 | | |
| PHY 333 Electronic Circuits and Measurements OR | 2 | | | 0 1 60 | Students must choose one of two possible two- | | |
| PHY 465: Advanced Lab II | 3 | | | Grade of C | course sequences: PHY 333 and PHY 334 OR | | |
| Literacy and Critical Inquiry (L) Upper division elective | 3 | | | | PHY 334 and PHY 465 | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 3 | | | | | | |
| PHY 412: Classical Particles, Fields, and Matter III OR | | | | | A second option is available to Physics majors. | | |
| PHY 416: Quantum Physics III | 3 | | | Grade of C | See department advisor for a map of the B.S. in | | |
| General Elective | 3 | | | | Physics Option 2 | | |
| PHY 441: Statistical and Thermal Physics | 3 | | | Grade of C | 4 | | |
| Upper division elective | 3 | | | | 4 | | |
| General Elective | 3 | | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | A count of a count of the count | | |
| PHY Upper Division Breadth Course | 3 | | | Grade of C | A second option is available to Physics majors. See department advisor for a map of the B.S. in | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | | Physics Option 2 | | |
| Upper division elective | 3 | | | | Students must choose one of two possible two- | | |
| Upper division elective | 3 | | | | course sequences: PHY 333 and PHY 334 OR PHY 334 and PHY 465 | | |
| General Elective | 3 | | L | | 1111 334 AIIU FTT 403 | | |



Major Map: Physics -**Bachelor of Science (B.S.)**

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hou minimum) | - (| Total Hrs at ASU (30 minimum) | Cumulative GPA (minimum 2.0) | Major GPA (2.000 Min.) | Hrs Resident Credit for Academic Recognition (56 minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|-----------------------|-----|-------------------------------|------------------------------|------------------------|---|---------------------------|--|
| | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, minor or certificate.



Major Map: Political Science – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------|---|-------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS Complete 1 course from: POS 110: Government and Politics (SB) or POS 150: Comparative Government (SB, G) or | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| POS 160: Global Politics (SB, G) | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in mathematics course |
| WAC 101: Introduction to Academic Writing or ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | _ | | | | All freshmen are required to pass an academic success class and therefore must enroll in an |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Academic Success Cluster and/or a First-Year Seminar |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | Complete First-Year Composition requirement |
| Second language Academic Success Class or First-Year Seminar | 4 | | | Grade of C in 202 | by the end of semester 3 |
| Academic Success Class of First-Year Seminar | 1 | | | | Complete math course requirement by end of semester 3 Consult with an advisor to determine second language proficiency and grade required. |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete 1 additional course from: POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G) or POS 160: Global Politics (SB, G) | 3 | | | Grade of C | Complete First-Year Composition requirement by the end of semester 3 Complete math course requirement by end of semester 3 |
| WAC 101: Introduction to Academic Writing or ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | | _ | | | |
| ENG 107 or 108: English for Foreign Students Second language OR | 3 | | | Grade of C | |
| if language requirement completed, take elective | 4 | | | Grade of C if 202 | |
| Natural Sciences-Quantitative (SQ) | 4 | П | | Glude of C if 202 | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| POS 210: Political Ideologies (SB) | 3 | | | Grade of C | Complete First-Year Composition requirement |
| POS elective | 3 | | | Grade of C | by the end of semester 3 |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | Complete math course requirement by end of semester 3 |
| Humanities, Fine Arts, and Design (HU) and Historical Awareness (H) | 3 | | | | |
| Second language OR if language requirement completed, take elective | 4 | | | Grade of C if 202 | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Upper-division POS elective | 3 | ⊠ | | Grade of C | Complete all critical courses by the end of semester 4 |
| POS elective (recommend POS 230: Current Issues National Politics [L or SB] or POS 260: Current Issues in International Politics [(L or SB) and G]) | 3 | | | Grade of C | Complete math course requirement by end of semester |
| POS related field | 3 | | | Grade of C | Choose related field course from courses with |
| Humanities, Fine Arts, and Design (HU) | 3 | | | Grade of C | following prefixes: AES, AFH, AFR, AFS, AIS, |
| Second language OR | 3or 4 | | | Grade of C if 202 | APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST,HIS, JUS, MIS, PGS, PHI, PSY, |
| if language requirement completed, take elective | | | | | REL, SGS, SOC, TCL, WSH, WST |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| POS 301: Empirical Political Inquiry (SB) | 3 | \boxtimes | | Grade of C | Choose related field course from courses with following prefixes: AES, AFH, AFR, AFS, AIS, |
| POS related field course | 3 | | | Grade of C | APA, ASB, ASM, COM, ECN, FAS, GCU, |
| POS related field course | 3 | | | Grade of C | GPH, HST,HIS, JUS, MIS, PGS, PHI, PSY, |
| Literacy and Critical Inquiry (L) OR if L completed, take general elective | 3 | | | | REL, SGS, SOC, TCL, WSH, WST |
| Natural Sciences-Quantitative (SQ) or Natural Sciences-General (SG) | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Upper-division POS elective (recommend POS 435: Women and | | | | | Choose related field course from courses with |
| Politics [SB, C] or POS 439: Minority Group Politics in America [SB, C]) | 3 | | | Grade of C | following prefixes: AES, AFH, AFR, AFS, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, |
| POS 484: Internship OR | 3 | | | Grade Of C | GPH, HST,HIS, JUS, MIS, PGS, PHI, PSY, |
| upper-division POS elective | 3 | \boxtimes | | Grade of C | REL, SGS, SOC, TCL , WSH, WST |
| POS related field course | 3 | | | Grade of C | _ |
| Upper-division general elective | 3 | ⊠ | | | |
| General elective (must be upper division if 45 hours upper-division coursework not yet met) | 3 | | | | |



Major Map: Political Science - Bachelor of Arts (B.A.)

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|----------|--------------|-------------|---------|---------|-------------|------|----|
| ollege o | of Liberal A | Arts and So | ciences | Catalog | Year: 2010- | 2011 | |

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper-division POS elective (POS 498 [L] recommended) | 3 | \boxtimes | | Grade of C | |
| POS 484: Internship OR Upper-division POS elective | 3 | \boxtimes | | Grade of C | |
| Cultural Diversity in the U.S. (C) OR if C requirement completed, take elective | 3 | | | | |
| Upper-division general elective | 3 | \boxtimes | | | |
| Upper-division general elective | 3 | ⊠ | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper-division Literacy and Critical Inquiry (L) OR if upper-division L requirement completed, take upper-division general | | | | | |
| elective | 3 | | | | |
| Upper-division general elective | 3 | \boxtimes | | | |
| General elective (must be upper division if 45 hours upper-division coursework not yet met) | 3 | | | | |
| General elective (must be upper division if 45 hours upper-division coursework not yet met) | 3 | | | | |
| General elective (must be upper division if 45 hours upper-division coursework not yet met) | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|----------------|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - 0 Social and Behavioral Sciences (SB)
 - Natural Sciences-Quantitative (SQ) 0
 - Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

· There is room in the roadmap for a concurrent degree, minor or certificate



Major Map: Political Science – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: □AG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------|---------------|---------------------------------|--|--|
| Course Subject and Title | | Upper | Transfer | | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS Complete 1 course from: POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G) or POS 160: Global Politics (SB, G) | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines | |
| WAC 101: Introduction to Academic Writing or ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First-Year | |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | Seminar | |
| Academic Success Class or First Year Seminar | 1 | | | | | |
| General Elective | 3 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| Complete 1 additional course from: POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G) (or POS 160: Global Politics (SB, G) | 3 | | | Grade of C | Choose related field course from courses with following prefixes: AES, AFH, AFR, AFS, AIS, APA, ASB, ASM, COM, , ECN, FAS, GCU, GPH, HST,HIS, JUS, MIS, PGS, PHI, | |
| POS Related Field | 3 | | | Grade of C | PSY, REL, SGS, SOC, TCL,WSH, WST | |
| WAC 101: Introduction to Academic Writing or ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| Natural Science Quantitative (SQ) | 4 | | | | | |
| General Elective | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| POS 210: Political Ideologies (SB) | 3 | | | Grade of C | Complete First-Year Composition requirement by the end of semester 3 | |
| POS Related Field | 3 | | | Grade of C | Complete Math course requirement by end of | |
| POS Elective | 3 | | | Grade of C | term 3 | |
| Humanities, Fine Arts & Design (HU) and Historical Awareness (H) | 3 | | | | Choose related field course from courses with | |
| General Elective | 3 | | | | following prefixes: AES, AFH, AFR, AFS, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST,HIS, JUS, MIS, PGS, PHI, PSY, REL, SGS, SOC, TCL, WSH, WST | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| POS Related Field | 3 | | | Grade of C | Complete all critical courses by the end of semester 4 | |
| POS elective (recommend POS 230: Current Issues National Politics [L or SB] or POS 260: Current Issues in International Politics [G and L or SB]) | 3 | | | Grade of C | Choose related field course from courses with following prefixes: AES, AFH, AFR, AFS, | |
| POS Related Field | 3 | | | Grade of C | AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST,HIS, JUS, MIS, PGS, PHI, | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | PSY, REL, SGS, SOC, TCL, WSH, WST | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| POS 301: Empirical Political Inquiry (SB) | 3 | | | Grade of C | CLAS Science & Society Courses available at: http://clas.asu.edu/scienceandsociety | |
| Upper division General Elective | 3 | ⊠ | | | http://cias.asu.edu/scienceandsociety | |
| Upper division POS Elective | 3 | ⊠ | | Grade of C | | |
| Literacy & Critical Inquiry (L) OR If L completed take, General Elective | 3 | | | | | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| Upper division POS Elective (recommend POS 435: Women & Politics [SB, C] or POS 439: Minority Group Politics in America [SB, C]) | 3 | ⊠ | | Grade of C | CLAS Science & Society Courses available at: http://clas.asu.edu/scienceandsociety | |
| POS 484: Internship OR Upper division POS elective | 3 | \boxtimes | | Grade of C | | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | | |
| POS 401: Political Statistics (CS) | 3 | \boxtimes | | Grade of C | | |
| General Elective | 3 | | | | | |



Major Map: Political Science – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper division POS Elective (POS 498 [L] recommended) | 3 | \boxtimes | | Grade of C | |
| Cultural Diversity in the U. S. (C) OR If C requirement completed, take Elective | 3 | | | | |
| Upper division General Elective | 3 | \boxtimes | | | |
| Upper division General Elective | 3 | \boxtimes | | | |
| General Elective (must be upper division if 45 hours upper division coursework not met yet) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Upper division POS Elective: | 3 | \boxtimes | | Grade of C | |
| Upper division Literacy and Critical Inquiry (L) OR If Upper division L requirement completed, take upper division General Elective | 3 | | | | |
| Upper division General Elective | 3 | | | | |
| General Elective (must be upper division if 45 hours upper division coursework not met yet) | 3 | | | | |
| General Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) Mathematical Studies (MA) 0

 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - 0 Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

There is room in the major map for a concurrent degree, minor or certificate



Major Map: Psychology – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|---------------|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | AGEC BIGETC/CSOGE BNoile |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| Academic Success Class or First Year Seminar | 1 | | | Grade of C | All freshmen must pass an academic success course and therefore must enroll in an Academic |
| ENG 101 and 102: First-Year Composition OR | | | | | Success Cluster and/or a First Year Seminar |
| ENG 107 and 108: English for Foreign Students OR | 3 | | | Crado of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition MAT 170: Pre Calculus (MA) | 3 | | | Grade of C | determines placement into first-year |
| (or pre-req based on Math Placement Exam score) | 3 | | | Grade of C | composition courses ALEKS Math Placement Exam score determines |
| PGS 101:Introduction to Psychology (SB) | 3 | | | Grade of C | placement in Mathematics course |
| Second Language | 4 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | _ | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition If requirement is completed – Additional PGS/PSY course (Not from PGS 194, PGS 270) or General Elective | 3 | | | Grade of C | Complete First Year Composition by end of semester 3 See note 1 below in additional notes for Foundations of Behavior courses See note 3 for Additional Psychology |
| MAT 170 Pre Calculus (MA) or If MAT 170 completed – General Elective | 3 | | | Grade of C in Math course | (PGS/PSY) Courses |
| Second Language, or if completed – General Elective | 4 | | | Grade of C | 1 |
| Complete one course from : | 4 | ш | | Grade of C | - |
| Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course | 3 | | | Foundations of Behavior - Grade of C | |
| | | | | | 1 |
| General elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | Grade of C | First Year Composition completed by end of |
| PSY 230: Introduction to Statistics (CS) | 3 | | | | semester 3 |
| General Elective | 1 | | | Grade of C | See note 1 below in additional notes for |
| Second Language or, if completed General Elective | 4 | | | Grade of C in Second Language | Foundations of Behavior courses |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| Complete one additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course TERM FOUR: 46-60 CREDIT HOURS | 3 | | | Grade of C in Foundations of Behavior course | |
| PSY 290: Research Methods (L) | 4 | | | Grade of C | See note 1 below in additional notes for |
| Complete one additional course from: | 7 | | | Grade of C | Foundations of Behavior courses |
| Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course | 3 | | | Grade of C in Foundations of Behavior course | See note 3 for Additional Psychology (PGS/PSY) Courses |
| Second Language or, if completed, General Elective | 4 | | | Grade of C in Second Language | |
| Additional PGS/PSY course (Not from PGS 194, PGS 270) or General elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| Complete one Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If requirement complete – Upper Division General Elective | 3 | ⊠ | | Grade of C in Foundations of Behavior course | See note 1 below in additional notes for Foundations of Behavior courses See note 2 below for Breadth within Psychology courses |
| Breadth within Psychology course | 3 | ⊠ | | Grade of C | _ |
| Breadth within Psychology course | 3 | \boxtimes | | Grade of C | |
| Natural Science General (SQ) or Quantitative (SG) | 4 | | | | |
| General Elective | 3 | | | |] |



Major Map: Psychology – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| ı | Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|--|------|-------------|--------------|------------------------------|--|
| ı | (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ı | TERM SIX: 76-90 CREDIT HOURS | | | | | |
| | Complete an Upper Division additional course from: • Humanities, Fine Arts & Design (HU) • Cultural Diversity in the U.S. (C), Global Awareness (G) OR | 3 | \boxtimes | | Grade of C in Foundations of | See note 1 below in additional notes for Foundations of Behavior courses See note 2 below for Breadth within Psychology |
| | Historical Awareness (H) • Foundations of Behavior course | | _ | | Behavior course | • See note 3 for Additional Psychology (PGS/PSY) |

| Foundations of Behavior course If requirement complete – Upper Division General Elective | | | I | Behavior course | See note 3 for Additional Psychology (PGS/PSY) Courses |
|---|---|-------------|---|--|--|
| Breadth within Psychology course | 3 | | (| Grade of C | |
| Breadth within Psychology course | 3 | | (| Grade of C | |
| Additional PGS/PSY course – Upper Division | 3 | \boxtimes | (| Grade of C | |
| Additional PGS/PSY course – Upper Division | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Complete an Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If requirement complete – Upper Division General Elective | 3 | ⊠ | I | Grade of C in Foundations of Behavior course | See note 1 below in additional notes for Foundations of Behavior courses See note 3 for Additional Psychology (PGS/PSY) Courses Consult the class schedule for PGS/PSY courses to fulfill upper division literacy and critical |
| Depth Within Psychology PGS/PSY course – 400 level | 3 | | (| Grade of C | inquiry requirement. |
| Depth Within Psychology PGS/PSY course - Upper Division | 3 | | (| Grade of C | |
| Upper division Literacy & Critical Inquiry (L) or, if completed, Upper Division General Elective | 3 | ⋈ | | | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| TERM FIGURE 407 400 CREDIT HOURS | | | | | |

| 3 | \bowtie | | | |
|---|-----------|-----|---------------------------------|---|
| | | | | |
| 3 | | | Grade of C in PGS/PSY course | See note 1 below in additional notes for Foundations of Behavior courses |
| 3 | ⊠ | | | |
| 3 | | | | |
| 3 | | | | |
| | 3 3 3 3 | 3 🗵 | 3 🗵 | 3 ☑ Grade of C in PGS/PSY course 3 ☑ |

Graduation Requirements Summary:

General Elective

| Total Hours (120 minimum) | Total Hrs at ASU (30 hours minimum) | Hrs Resident Credit required for Academic Recognition (56) | Major GPA (2.000 Minimum) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------------|--|------------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science Quantitative (SQ)
 - o Natural Science General (SG) General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First Year Composition

Additional Notes:

- 1. Foundations of Behavior (12 hours required) related courses from any of the following prefixes: ASB, ASM, BIO, GCU, HPS, PHI, or SOC. NOTE: Students must complete a minimum of 6 hours of HU courses, three Awareness courses (C, G, and H) and 12 hours of Foundations of Behavior courses; however, with careful selection, courses may be used to fulfill more than one of these requirements.
- 2. Breadth within Psychology (Take 1 course each from 4 of the following 5 clusters (4 courses):
 - Biological: PSY 325,
 - o Personality/Mental Health: PGS 315 or PGS 466,
 - o Cognitive/Learning: PSY 320 or PSY 323 or PSY 324,
 - o Developmental: PGS 341,
 - o Social: PGS 306 or PGS 350
- Depth within Psychology (Take 2 additional courses from the following list. At least one must be 400 – level)

PGS 306 PGS 315 PSY 320 PSY 323 PSY 324 PGS 344 PGS 350 or PGS 351* PGS 365 PGS 414 PSY 420* PSY 424* PSY 425* PSY 426 PSY 427 PGS 430 PSY 434* PSY 437* PGS 441* PGS 443* PGS 444 PGS 445 PGS 446* PGS 451* PGS 452* PGS 458 PGS 461 PGS 462 PGS 464 PGS 465 PGS 466 PGS 468 PGS 471 PGS 472 PSY 498 [BEH NEUROE] PSY 498 [MEMO AGING] PSY 498 [NEUR LEARN MEMO] PGS 498 [INTEL DISAB AUT FRAG] PGS 498 [HEAL PROM MINO POP] PGS 498 [PROM MINO POP] PGS 498 [PSYC ADDICT] PSY 498 [EMO STRES HEAL] PGS 498 [PSYC E-LEARGAM] PSY 498 [EMO STRES HEAL] PGS 498 [PSYC E-LEARGAM] PSY 498 [EMBO COGN] PSY 498 [DYNAM PSYCH] PSY 498 [PSY LANG] PGS 498 [HOM IMP CHILD DEV] PGS 498 [CULT PSYCH] PGS 498 [DIVER PSYCH WOM] PGS 498 [PSYCH EMOTIONS] *Satisfies upper division (L)

4. Additional Psychology Courses (Take 3 additional courses):



Major Map: Psychology – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

- At least 2 MUST be upper division and 1 MAY be lower division (excluding PGS 194 and PGS 270)
- b. No more than 6 hours (total) from the following course list may be used to fulfill this requirement: PSY 390, PGS 394: Undergrad TA, PGS/PSY 399, PGS/PSY 484, PSY 492, PSY 493, PGS/PSY 499
- Upper Division Psychology Residency Requirement: 12 credit hours of PGS/PSY courses must be completed at the Tempe campus.
- 6. Minimum of 37 hours of Psychology (PGS/PSY) coursework must be taken.
- 7. There is room in this map to add a concurrent degree, minor, or certificate



Major Map: Psychology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|-------------------|--------------------------|---------------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | |
| Academic Success Class or First Year Seminar | 1 | | | Grade of C | All freshmen must pass an academic success | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | course and therefore must enroll in an Academic Success Cluster and/or First Year Seminar • An SAT, ACT, Accuplacer, or TOEFL score | |
| MAT 251: Calculus for Life Sciences (MA) (or pre-req based on Math Placement Exam score) | 3 | | | Grade of C | determines placement into first-year composition courses | |
| PGS 101:Introduction to Psychology (SB) | 3 | | | Grade of C | ALEKS Math Placement Exam score | |
| Complete one course from: | , | | | Grade of C | determines placement in Mathematics course | |
| Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. ©, Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course | 3 | | | Foundations of Behavior – Grade of C | See Note 1 below in additional notes for Foundations of Behavior | |
| General Elective | 3 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition If requirement is completed - PGS/PSY course (Not from PGS 194, PGS 270) | 3 | | | Grade of C | First Year Composition completed by end of Term 3 See Note 1 below in additional notes for Foundations of Behavior | |
| MAT 251: Calculus for Life Sciences OR MAT 270 Calc 1 (MA) (or pre-req MAT 170: Pre calculus) or If MAT 251 completed - General Elective | 3 | | | MAT course - Grade of C | | |
| Complete an additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course | 3 | | | Foundations of Behavior — Grade of C | | |
| Natural Science Quantitative (SQ) | 4 | | | | | |
| General Elective | 2 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition If requirement is completed – Additional PGS/PSY course (Not from PGS 194, PGS 270) or General Elective | 3 | | | Grade of C in MAT course | First Year Composition completed by end of Term 3 See Note 1 below in additional notes for Foundations of Behavior See Note 4 below in additional notes for | |
| MAT 251: Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry, If MAT 251 ore MAT 270 completed – General Elective | 3 | | | Grade of C | Additional Psychology Courses | |
| PSY 230: Introduction to Statistics (CS) | 3 | | | Grade of C | | |
| Complete an additional course from: O Humanities, Fine Arts & Design (HU) O Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course | 3 | | | Foundations of Behavior – Grade of C | | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| PSY 290: Research Methods (L) | 4 | | | Grade of C | See Note 1 below in additional notes for | |
| CLAS Science and Society | 3 | | | Grade of C | Foundations of Behavior CLAS Science and Society requirement: | |
| Complete an additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If requirement is completed—General Elective | 3 | | | Foundations of Behavior – Grade of C | CLAS Science and Society requirement: http://clas.asu.edu/scienceandsociety See Note 4 below in additional notes for Additional Psychology Courses | |
| Additional PGS/PSY Course (Not from PGS 194, PGS 270) or General Elective | 3 | | | Grade of C | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| PSY 330 Statistical Methods | 3 | \boxtimes | | Grade of C | See Note 1 below in additional notes for End of the control | |
| Breadth within Psychology | 3 | \boxtimes | | Grade of C | Foundations of Behavior • See Note 2 below in additional notes for | |
| Breadth within Psychology | 3 | \boxtimes | | Grade of C | appropriate Breadth within Psychology courses | |
| CLAS Science and Society – Upper Division | 3 | \boxtimes | | Grade of C | See Note 3 below in additional notes for | |
| Complete an Upper Division additional course from : Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course | 3 | × | | Foundations of Behavior – Grade of C | information on the Research and PSY 330 Statistical Methods requirement. • CLAS Science and Society requirement http://clas.asu.edu/scienceandsociety | |



Major Map: Psychology – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|---|------|-------------------|--------------------------|---|--|
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Breadth within Psychology | 3 | \boxtimes | | Grade of C | See Note 1 below in additional notes for |
| Breadth within Psychology | 3 | \boxtimes | | Grade of C | Foundations of Behavior |
| PGS/PSY 399/499: Supervised Research | 3 | | | Grade of C | See Note 2 below in additional notes for appropriate Breadth within Psychology courses |
| Depth within Psychology PGS/PSY Course – 400 level | 3 | | | Grade of C | See Note 3 below in additional notes for |
| Complete an Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If requirement is completed – Upper Division General Elective | 3 | ⊠ | | Grade of C | information on the Research and PSY 330 Statistical Methods requirement. • See Note 4 below in additional notes for Additional Psychology Courses |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Depth within Psychology PGS/PSY Course – upper division | 3 | \boxtimes | | Grade of C | See Note 1 below in additional notes for |
| Upper division Literacy and Critical Inquiry (L) or, if completed, Upper Division General Elective | 3 | ⋈ | | | Foundations of Behavior • See Note 4 below in additional notes for |
| Complete an Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If completed, Upper Division General Elective | 3 | | | Foundations of Behavior – Grade of C | Additional Psychology Courses Consult the course schedule for PGS/PSY courses to fulfill upper division literacy and critical inquiry requirement |
| General Elective | 3 | | | | |
| General Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS Complete an Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If requirement is completed – Upper Division General Elective | 3 | ⊠ | | | |
| Upper division General Elective | 3 | \boxtimes | | |] |
| General Elective | 3 | | | | 1 |
| General Elective | 3 | | | | 1 |
| General Elective | 3 | | | | 1 |

Graduation Requirements Summary:

| Total Hours (120 | Total Hrs at ASU (30 | Hrs Resident Credit required | Major GPA (2.000 | Total UD Hrs (45 | Total Comm. College |
|------------------|----------------------|------------------------------|------------------|------------------|---------------------|
| minimum) | hours minimum) | for Academic Recognition | Minimum) | minimum) | Hrs. (64 maximum) |
| | | (56) | | | |
| | | | | | |

General University Requirements: Legend:

General Studies Core Requirements

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

General Studies Awareness Requirements

- Cultural Diversity in the US (C)
- Global Awareness (G)
- Historical Awareness (H)

First Year Composition

- 1. Foundations of Behavior (12 hours required) related courses from any of the following prefixes: ASB, ASM, BIO, GCU, HPS, PHI, or SOC.

 Note: Students must complete a minimum of six hours of HU courses, three Awareness courses (C, G, and H) and 12 hours of Foundations of Behavior courses; however, with careful selection, courses may be used to fulfill more than one of these requirements.
- 2. Breadth within Psychology: Take 1 course each from 4 of the following 5 clusters (4 courses):
 - o Biological: PSY 325,
 - o Personality/Mental Health: PGS 315 or PGS 466,
 - o Cognitive/Learning: PSY 320 or PSY 323 or PSY 324,
 - o Developmental: PGS 341,
 - o Social: PGS 306 or PGS 350
- Depth within Psychology (Take 2 additional courses from the following list. At least one must be 400 level) PGS 306 PGS 315 PSY 320 PSY 323 PSY 324 PGS 344 PGS 350 or PGS 351* PGS 365 PGS 414 PSY 420* PSY 424* PSY 425* PSY 426 PSY 427 PGS 430 PSY 434* PSY 437* PGS 441* PGS 443* PGS 444 PGS 445* PGS 446* PGS 451* PGS 452* PGS 458 PGS 461 PGS 462 PGS 464 PGS 465 PGS 466 PGS 468 PGS 471 PGS 472 PSY 498 [BEH NEUROE] PSY 498 [MEMO AGING] PSY 498 [NEUR LEARN MEMO] PGS 498 [INTEL DISAB AUT FRAG] PGS 498 [HEAL PROM MINO POP] PGS 498 [PROM MINO POP] PGS 498 [PSYC ADDICT] PSY 498 [EMO STRES HEAL] PGS 498 [PSYC E-LEARGAM] PSY 498 [EMBO COGN] PSY 498 [DYNAM PSYCH] PSY 498 [PSY LANG] PGS 498 [HOM IMP CHILD DEV] PGS 498 [CULT PSYCH] PGS 498 [DIVER PSYCH WOM] PGS 498 [PSYCH EMOTIONS] *Satisfies upper division (L)
- Additional Psychology Courses (Take 3 additional courses):
 - PSY 330 Statistical Methods
 - 3 credit hours of Research Experience: PSY 390, PGS/PSY 399, PGS/PSY 484, PSY 492, PSY 493, PGS/PSY 499
 - o 3 credit hours of PGS/PSY, excluding PGS 194 and PGS 270



Major Map: Psychology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

- Upper Division Psychology Residency Requirement: 12 credit hours of PGS/PSY courses must be completed at the Tempe campus.
- Minimum of 37 hours of Psychology (PGS/PSY) coursework must be taken.
- There is room in this map to add a concurrent degree, minor, or certificate



Major Map: Religious Studies – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | ansfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|--------------------------|------------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | DIVISION | Course, Grade | William Grade if Required | Additional Chical Hacking Foles |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| REL Elective 1**xx or 2* OR Humanities, Fine Arts and Design (HU) | 3 | | | Grade of C if REL course | ASU Math Placement Exam score determines placement in Mathematics course |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | Course | All freshmen are required to pass an academic |
| Foreign Language I: | 4 | | | Grade of C | success class and therefore must enroll in an |
| Academic Success Class or First Year Seminar | 1 | | | | Academic Success Cluster and/or a First Year Seminar Consult with academic advisor for Learning Community, Academic Success Clusters and First Year Seminar options Recommend 2.50 cumulative GPA in REL courses. Second Language: recommend French, German or language related to field of interest (Greek for Christian studies, Hebrew, Arabic, Spanish for Latin American, Chicano, etc) |
| TERM TWO: 16-30 CREDIT HOURS | | | | | American, Cincano, etc) |
| ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students | 3 | | | Grade of C | Recommend 2.50 cumulative GPA in REL courses. |
| REL 207: Ritual, Symbol, and Myth (L or HU) | 3 | | | Grade of C | |
| MAT 119 Finite Mathematics or higher (MA); MAT 142 College Mathematics recommended | 3 | | | | |
| Foreign Language II: | 4 | | | Grade of C | |
| REL Elective 1**xx or 2* OR | 3 | | | Grade of C if REL | |
| Humanities, Fine Arts and Design (HU) | 3 | | | Grade of C II KEE | |
| TERM THREE: 31-45 CREDIT HOURS | 4 | | | | Recommend 2.50 cumulative GPA in REL |
| Natural Science - Quantitative (SQ) | 3 | | | | courses. |
| CSE 180: Computer Literacy or other (CS) Foreign Language III: | 4 | | | Grade of C | Complete First-Year Composition requirement: Complete First-Year Composition requirement: Complete First-Year Composition requirement: |
| Social and Behavioral Sciences (SB) and Cultural Diversity Awareness(C), Global Awareness (G), or Historical Awareness (H): | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 • Complete MA requirement |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| REL 307: Approaches to Religion | 3 | \boxtimes | | Grade of C | Recommend 2.50 cumulative GPA in REL |
| REL elective 2** or 3** | 3 | | | Grade of C | courses. |
| Foreign Language IV: | 4 | | | Grade of C | |
| Social and Behavioral Sciences (SB) and Cultural Diversity Awareness(C), Global Awareness (G), or Historical Awareness (H): | 3 | | | | |
| Social and Behavioral Sciences (SB) and Cultural Diversity Awareness(C), Global Awareness (G), or Historical Awareness (H): | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| REL 3** | 3 | \boxtimes | | Grade of C | |
| REL 3** | 3 | ⊠ | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS REL 3**/4**: Theme/Tradition/Geo Area | 3 | \boxtimes | | Grade of C | Theme/Tradition/Geo Area represents course |
| REL 3**/4**: Theme/Tradition/Geo Area | 3 | ⊠ | | Grade of C | work required for the major distribution area |
| Elective | 3 | | | | chosen by the student in consultation with the religious studies advisor |
| Elective | 3 | | | | Tengious studies advisor |
| Elective | 2 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper Division Related Area | 3 | ⊠ | | Grade of C | Related Area represents required related field redit hours (15 hours) chase from ammond |
| Upper Division Related Area | 3 | | | Grade of C | credit hours (15 hours) - chose from approved courses in POS, PHI, PGS, SOC, ASB, AFR, |
| REL 3**/4**: Theme/Tradition/GeoArea | 3 | | | Grade of C | AFS, AIS, APA, HST, a third language, WST, |
| Upper division Literacy and Critical Inquiry (L) | 3 | | | | and other prefixes selected in consultation with the religious studies advisor |
| Upper Division Elective | 3 | \boxtimes | | 1 | |



Major Map: Religious Studies - Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|---|------|-------------------|--------------------------|------------------------------|--|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| REL 405: Problems in Religious Studies | 3 | \boxtimes | | Grade of C | Related Area – see tracking term seven notes |
| Upper division Related Area | 3 | \boxtimes | | Grade of C | |
| Upper Division Related Area | 3 | | | Grade of C | |
| Upper Division Related Area | 3 | \boxtimes | | Grade of C | |
| Upper Division Elective | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Russian – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Completed General Education: Competed Transfer Pathway: $\Box TAG$ □AGEC □IGETC/CSUGE □None \square MAPP $\Box ATP$ □None Course Subject and Title Upper Transfer Minimum Grade if Additional Critical Requirement Notes (courses in bold/shading are critical) Course/Grade Required **TERM ONE: 0-15 CREDIT HOURS** An SAT, ACT, Accuplacer, or TOEFL score RUS 101: Elementary Russian (or higher level RUS course depending on placement) Grade of C determines placement into first-year ENG 101 and 102: First-Year Composition OR composition courses ENG 105: Advanced First-Year Composition OR ASU Math Placement Exam score determines ENG 107 and 108: English for Foreign Students Grade of C placement in Mathematics course Minimum 2.33 GPA required in all critical MAT 142: College Mathematics or higher (MA) 3 Grade of C Social and Behavioral Sciences (SB) 3 All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Class or First Year Seminar Academic Success Cluster and/or a First Year **TERM TWO: 16-30 CREDIT HOURS** Minimum 2.33 GPA required in all critical **RUS 102: Elementary Russian** 4 Grade of C courses ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR Grade of C ENG 107 and 108: English for Foreign Students 3 Social and Behavioral Sciences (SB) 3 Historical Awareness (H) 3 3 Elective П **TERM THREE: 31-45 CREDIT HOURS** Minimum 2.33 GPA required in all critical RUS 201: Intermediate Russian (or higher) (G) Grade of C 4 П Grade of C RUS 211: Basic Russian Conversation (G) 3 Complete First-Year Composition Complete one course from. requirement: ENG 101 & 102 OR ENG 107 & SLC 201: Introduction to Linguistics (HU or SB) OR 108 or 105 SLC 202: Introduction to Literacy and Cultural Theory Grade of C Complete Mathematical Studies (MA) Natural Science-Quantitative (SQ) 4 Cultural Diversity in the US (C) 3 **TERM FOUR: 46-60 CREDIT HOURS** Minimum 2.33 GPA required in all critical RUS 202: Intermediate Russian (or higher) (G) 4 Grade of C courses. 3 \boxtimes RUS 212: Basic Russian Conversation (G) Grade of C Complete one course from: SLC 201: Introduction to Linguistics (HU or SB) OR Grade of C SLC 202: Introduction to Literacy and Cultural Theory П Natural Science-Quantitative (SQ) or General (SG) 4 **TERM FIVE: 61-75 CREDIT HOURS** Enroll in "IPO" study Abroad Program credits RUS 311: Russian Composition and Conversation (G) 3 \boxtimes Grade of C or listed courses RUS/ SLV 3** or 4** 3 \boxtimes Grade of C RUS Related Field (list in DARS) 3 Grade of C Literacy and Critical Inquiry (L) 3 Humanities, Fine Arts, and Design (HU) 3 П **TERM SIX: 76-90 CREDIT HOURS** Enroll in "IPO" study Abroad Program credits 3 RUS 312: Russian Composition and Conversation (G) \boxtimes Grade of C or listed courses RUS 3**/4** (Literacy) 3 \boxtimes Grade of C SLV 304: Computational Linguistics of Slavic Languages (CS) 3 Grade of C \boxtimes RUS Related Field (list in DARS) 3 Grade of C 2 \Box Elective TERM SEVEN: 91-105 CREDIT HOURS RUS 411: Advanced Composition and Conversation I (G) OR 3 \boxtimes Grade of C Enroll in "IPO" study Abroad Program credits RUS 412: Advanced Composition and Conversation II (G) or listed courses RUS/ SLV 3**/4** (select a course that also satisfies the Literacy and \boxtimes 3 Grade of C Critical Inquiry (L) requirement: 3 Ø Upper Division Elective Upper Division Elective 3 Ø Humanities, Fine Arts, and Design (HU) or Social and Behavioral 3 П Sciences (SB) **TERM EIGHT: 106-120 CREDIT HOURS** RUS 498: Pro- Seminar or SLV 498: Pro- Seminar 3 \boxtimes Grade of C Enroll in "IPO" study Abroad Program credits or listed courses SLC 400-level course 3 \boxtimes Grade of C Upper Division Elective 3 \boxtimes Upper Division Elective \boxtimes 3 Upper Division Elective 3 \boxtimes



Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all RUS, SLC and Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs

Russian is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Russian. RUS 101, 102 or 111 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. A maximum of 6 hours from the Intermediate Russian language sequence (RUS 201: Intermediate Russian I and RUS 202: Intermediate Russian II) may be used toward major requirements. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Sociology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | nsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|-----|-------------|--------------|-----------------------------------|--|--|
| Course Subject and Title | | Upper | Transfer | | | |
| (courses in bold/shading are critical, <u>concentration courses are underlined</u>) TERM ONE: 0-15 CREDIT HOURS | Hrs | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | |
| ENG 107 or 108: English for Foreign Students SOC 101: Introductory Sociology (SB) | 3 | | | Grade of C | composition courses ASU Math Placement Exam score determines placement in mathematics course | |
| (transfer students take SOC 301: Principles of Sociology (SB) Elective (math prerequisite if needed) | 3 | | | | All freshmen are required to pass an academic | |
| Elective | 3 | | | | success class and therefore must enroll in an | |
| Academic Success Class or First-Year Seminar | 1 | | | | Academic Success Cluster and/or a First-Year Seminar | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | Seminar | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| SOC 241: Modern Social Problems (SB) or SOC 270: Racial and Ethnic Relations (SB and C) or SOC 264: Gender and Society (L or SB) & C | 3 | | | Grade of C | | |
| Related field course | 3 | | | Grade of C | | |
| Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| Sociology elective | 3 | | | Grade of C | First-year composition requirement must be | |
| MAT 142: College Mathematics (MA) or higher | 3 | | | | completed MA (MAT 142 or above) must be completed | |
| Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | by the end of the third semester. | |
| Natural Science-Quantitative (SQ) or General (SG) | 4 | | | | | |
| Elective TERM FOUR: 46-60 CREDIT HOURS | 3 | | | | | |
| SOC 390: Social Statistics I (CS) or SBS 304 Social Statistics I (CS) | 3 | | | Grade of C | | |
| Related field course with Social and Behavioral Sciences designation (SB) | 3 | | | Grade of C | | |
| Literacy and Critical Inquiry (L) | 3 | | | | | |
| Elective | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | | | 0 1 60 | | |
| Related Field course Upper-division related field course | 3 | | | Grade of C Grade of C | - | |
| Upper-division sociology elective | 3 | | | Grade of C | - | |
| ** | _ | | | Grade of C | - | |
| Science and Society Elective | 3 | \vdash | | Grade of C | - | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| SOC 391: Research Methods (L or SB) or SBS 303 Quantitative Methods | 3 | | | Grade of C | | |
| Upper-division sociology elective | 3 | | | Grade of C | 1 | |
| LIA 394: Careers for CLAS | 3 | | | | 1 | |
| Upper-division Science and Society | 3 | | | Grade of C |] | |
| Elective | 3 | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| SOC 483: History of Social Thought (SB) OR SOC 486: Contemporary Theory (SB) | 3 | | | Grade of C | | |
| Upper-division sociology elective | 3 | | | Grade of C | | |
| Upper-division Literacy and Critical Inquiry (L) | 3 | | | |] | |
| Elective | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | 2 | | | 0 1 60 | | |
| Upper-division sociology elective | 3 | | | Grade of C | | |
| Upper-division Related field course | 3 | | 1 | Grade of C | | |
| Upper-division elective | 3 | | | | | |
| Upper-division elective | 3 | | 1 | | | |
| Upper-division elective | 3 | \boxtimes | 1 | ĺ | 1 | |



Major Map: Sociology -**Bachelor of Science (B.S.)**

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|----------------|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition
- **Additional Notes:**



Major Map: Spanish – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □Non | | Completed General Education: e □AGEC □IGETC/CSUGE □None | | | |
|---|------|-------------|---|---------------------------|---|--|--|--|
| Course Subject and Title | Hrs. | Upper | Transfer | | | | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | HIS. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | | | |
| SPA 111: Fundamentals of Spanish (or higher level SPA course | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses | | | |
| depending on placement) ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | | | | |
| ENG 107 and 108: English for Foreign Students OR | | | | Grade of C | ASU Math Placement Exam score | | | |
| ENG 105: Advanced First-Year Composition or | | | | | determines placement in Mathematics | | | |
| WAC 101: Intro to Academic Writing MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | course SPA 111: Fundamentals of Spanish is | | | |
| Social and Behavioral Sciences (SB) | 3 | | | Grade of C | SPA 111: Fundamentals of Spanish is equivalent to SPA 101: Elementary Spani | | | |
| Academic Success Class or First Year Seminar | 1 | | | | and SPA 102: Elementary Spanish | | | |
| Academic Success Class of First Fear Seminar | 1 | | | | Minimum 2.33 GPA required in all critical courses. | | | |
| | | | | | All freshmen are required to pass an | | | |
| | | | | | academic success class and therefore must | | | |
| | | | | | enroll in an Academic Success Cluster and/or a First Year Seminar. | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | | | |
| SPA 201: Intermediate Spanish OR | 4 | | | Grade of C | Minimum grade of "C" in all SPA, SLC | | | |
| SPA 203: Intermediate Spanish for Bilinguals (or higher) (G) ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | and Spanish Related Fields courses. • Minimum 2.33 GPA required in all critica | | | |
| ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | courses. | | | |
| ENG 105: Advanced First-Year Composition | | | | | | | | |
| Social and Behavioral Sciences (SB) | 3 | | | | | | | |
| Awareness Area - Cultural (C) | 3 | | | | | | | |
| Awareness Area – Historical (H) | 3 | | | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 4 | | | Grade of C | Minimum grade of "C" in all SPA, SLC | | | |
| SPA 202: Intermediate Spanish OR SPA 204: Intermediate Spanish for Bilinguals (or higher) | 4 | | | Grade of C | and Spanish Related Fields courses. | | | |
| SLC 201: Introduction to Linguistics OR | 3 | | | Grade of C | Minimum 2.33 GPA required in all critical | | | |
| SLC 202: Introduction to Literacy and Cultural Theory (G) Natural Science-Quantitative (SQ) | 4 | | | | courses. Complete First-Year Composition | | | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | requirement: ENG 101 & 102 OR ENG 107 | | | |
| | 3 | | | | & 108 or 105 | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | . W.: 1 cwcn: Hope of c | | | |
| SPA 313: Spanish Conversation and Composition OR SPA 315: Spanish Conversation and Composition for Bilinguals (if | | | | | Minimum grade of "C" in all SPA, SLC and Spanish Related Fields courses. | | | |
| necessary or Upper Division Elective) (G) | 3 | | | Grade of C | Minimum 2.33 GPA required in all critical | | | |
| SLC 201: Introduction to Linguistics OR | 2 | | | Crado of C | courses. | | | |
| SLC 202: Introduction to Literacy and Cultural Theory (G) Natural Science-Quantitative or General (SQ/SG) | 3 | | | Grade of C | | | | |
| Computer/Statistics/Quantitative applications (CS) (SLV 304: | + | | | | | | | |
| Computational Linguistics of Slavic Languages recommended) | 3 | | | | | | | |
| Elective | 4 | | | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | , | , | 1 | | A CONTRACTOR OF | | | |
| SPA 314: Spanish Conversation and Composition OR SPA 316: Spanish Conversation and Composition for Bilinguals (if | | | | | Minimum grade of "C" in all SPA, SLC and Spanish Related Fields courses. | | | |
| necessary or Upper Division Elective) | 3 | \boxtimes | | Grade of C | Enroll in "IPO" Study Abroad Program | | | |
| SPA 325: Introduction to Hispanic Literature (HU) | 3 | \boxtimes | | Grade of C | credits or listed courses | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | | | | |
| Elective | 3 | | | | | | | |
| Elective | 2 | | | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | L. W.: L. CHCN: HODA GLC | | | |
| SPA 412: Advanced Conversation and Composition | 3 | | | Grade of C | Minimum grade of "C" in all SPA, SLC and Spanish Related Fields courses. | | | |
| SPA 471: Civilization of the Spanish Southwest or SPA 472: Spanish American Civilization or SPA 473: Spanish Civilization | 3 | | | Grade of C | Enroll in "IPO" Study Abroad Program | | | |
| SPA425: Spanish Literature | 3 | | | Grade of C | credits or listed courses | | | |
| SPA Track Course (list on page 2 and in DARS) | 3 | | | Grade of C | See additional notes below for track courses | | | |
| SPA Track Course (list on page 2 and in DARS) | 3 | | | Grade of C | <u> </u> | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | | | |
| SPA Track Course (list on page 2 and in DARS) | 3 | \boxtimes | | Grade of C | Minimum grade of "C" in all SPA, SLC | | | |
| SPA Track Course (list on page 2 and in DARS) | 3 | \boxtimes | | Grade of C | and Spanish Related Fields courses. Enroll in "IPO" Study Abroad Program | | | |
| SPA Track Course (list on page 2 and in DARS) | 3 | ⊠ | | Grade of C | credits or listed courses | | | |
| SPA Track Course (list on page 2 and in DARS) | 3 | ⊠ | | Grade of C | See additional notes below for track courses | | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | | | | |



| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|------|-------------------|--------------------------|------------------------------|---|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SLC 400-level course or SPA 498: Pro- Seminar | 3 | \boxtimes | | Grade of C | Minimum grade of "C" in all SPA, SLC and |
| SPA Track Course (list on page 2 and in DARS) | 3 | \boxtimes | | Grade of C | Spanish Related Fields courses. • Enroll in "IPO" Study Abroad Program credits |
| SPA Track Course (list on page 2 and in DARS) | 3 | \boxtimes | | Grade of C | or listed courses |
| SPA Track Course (list on page 2 and in DARS) | 3 | \boxtimes | | Grade of C | See additional notes below for track courses |
| Humanities or Social Behavioral Sciences (if necessary) or Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all SPA and SLC courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs

TRACK COURSES

Literature & Culture Track Courses:

SPA 400-level Literature & Culture Elective (complete two)

SPA 426: Spanish Literature,

SPA 427: Spanish American Literature,

SPA 428: Spanish American Literature or

SPA 464: Mexican American Literature (complete three)

SPA 429: Mexican Literature

SPA 485: Mexican-American Short Story

SPA 486: Mexican American Novel

SPA 487: Mexican0American Drama

One additional course from:

SPA 471: Civilization of the Spanish Southwest,

SPA 472: Spanish American Civilization or

SPA 473: Spanish Civilization

SPA 474: Mexican Culture

SPA 400-level elective or POR 4** (complete two)

Linguistic Track Courses:

SPA 400: Introduction to Spanish Linguistics,

SPA 413: Advanced Spanish Grammar,

SPA 417: Spanish Phonetics and Phonology, SPA 420: Applied Spanish Linguistics,

SPA 425: Spanish Literature,

SPA 426: Spanish Literature,

SPA 427: Spanish American Literature,

SPA 428: Spanish American Literature or

SPA 464: Mexican American Literature (complete one)

SPA 494: Language Variation,

SPA 494: Spanish Syntax

Upper division SPA/SLC Linguistics/Translation Course (complete two)

Spanish is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Spanish. SPA 101, 102, 111, 201 or 202 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Speech and Hearing Science – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | | □ Completed General Education: □ AGEC □ IGETC/CSUGE □ None | | |
|--|------|-------------|--------------|------------------|--|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | Aller Torribation (No. | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | | |
| SHS 105: Introduction to Human Communication Disorders | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | | |
| ENG 101 and 102: First-Year Composition OR | | | | Grade of C | determines placement into first-year | | |
| ENG 107 and 108: English for Foreign Students OR | 2 | | | 0 1 60 | composition courses ASU Math Placement Exam score determines | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | placement in Mathematics course | | |
| Historical Awareness (H) Academic Success Class or First Year Seminar (SHS 191 | 3 | | | | Maintain 2.8 cumulative GPA in critical courses | | |
| recommended) | 1 | | | | All freshmen must pass an academic success course and therefore must enroll in an Academic | | |
| MAT prerequisite (if needed) OR General Elective | 3 | | | | Success Cluster and/or a First-Year Seminar | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | | |
| PGS 101: Introduction to Psychology (SB) | 3 | | | Grade of C | Maintain 2.8 cumulative GPA in critical courses | | |
| MAT 170: Precalculus (MA) | 3 | | | Grade of C | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | | | | | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | | | |
| Humanities, Fine Arts & Design (HU) or | |] | | | | | |
| Social & Behavioral Sciences (SB) | 3 | | | | | | |
| TERM THREE: 31-45 CREDIT HOURS PSY 230: Introduction to Statistics (CS) or | | | | | First-year composition completed | | |
| STP 226: Elements of Statistics (CS) | 3 | | | Grade of C | Maintain 2.8 cumulative GPA in critical courses | | |
| Complete 1 course from: | | | | | | | |
| BIO 201: Human Anatomy/Physiology I (SG) PHY 101: Introduction to Physics (SQ) | 4 | | | Grade of C | | | |
| SHS 250: Introduction to Physics (SQ) | 3 | | | Grade of C | | | |
| Global Awareness (G) | 3 | | | Grade of C | | | |
| General Elective | 3 | | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 3 | | | | | | |
| Complete remaining course from: | | | | | MA (math requirement) completed | | |
| BIO 201: Human Anatomy/Physiology I (SG) | | - | | 0 1 60 | Complete all critical requirement courses by the | | |
| PHY 101: Introduction to Physics (SQ) | 3 | | | Grade of C | end of semester 4 Maintain 2.8 cumulative GPA in critical courses | | |
| ENG 215: Strategies of Academic Writing (L) Cultural Diversity in the US (C) | 3 | | | Grade of C | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | | | |
| General Elective | 3 | | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | | | |
| SHS 310: Anatomical and Physiological Bases of Speech | 3 | \boxtimes | | Grade of C | | | |
| SHS 311: Physical and Physiological Bases of Hearing | 3 | | | Grade of C | | | |
| SHS 367: Language Science (SB) | 3 | | | Grade of C | | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | | | |
| General Elective | 3 | | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | | |
| SHS 375: Speech Science | 3 | \boxtimes | | Grade of C | | | |
| SHS 401: Introduction to Audiology | 3 | \boxtimes | | Grade of C | | | |
| SHS 465: Speech and Language Acquisition | 3 | \boxtimes | | Grade of C | | | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | | | |
| General Elective | 3 | | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | | |
| General Elective | 3 | \boxtimes | | | | | |
| SHS 496: Aural Rehabilitation | 3 | | | Grade of C | | | |
| SHS 470: Developmental Speech and Language Disorders | 3 | | | Grade of C | | | |
| Upper division CLAS Science and Society | 3 | \boxtimes | | Grade of C | | | |
| General Elective | 3 | | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | | |
| SHS 485: Acquired Speech and Language Disorders | 3 | | | Grade of C | | | |
| SHS 402: Clinical Methods and Treatment of Communication Disorders | 3 | | | Grade of C | | | |
| Upper division General Elective | 3 | | | Grade of C | | | |
| Upper division General Elective | 3 | | | | | | |
| General Elective | 3 | | | | | | |



Major Map: Speech and Hearing Science – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Transborder Chicana/o & Latina/o Studies (Media, Literature and Arts) –

Bachelor of Arts (B.A.)
College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Trans | fer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|-------|-------------------|--------------------------|---------------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirements Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course, Grade | Required | Additional Critical Requirements Notes | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses | |
| Second language (must be Spanish (SPA) course* | 4 | | | Grade of C if SPA 202 | ASU Math Placement Exam score determines placement in Mathematics course 2.0 minimum cumulative ASU GPA required All freshmen must pass an academic success course and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar 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 TCLS course taught in Spanish | |
| Humanities, Fine Arts, and Design (HU). Recommend TCL 101: | 3 | | | 202 | | |
| Introduction to Transborder Chicana/o and Latina/o Studies (HU, C) Elective | 3 | | | | | |
| Academic Success Class or First Year Seminar | 1 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | 1 | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | First-year composition requirement must be completed by end of term 3 2.0 minimum cumulative ASU GPA required | |
| Second language (must be Spanish (SPA) course* | 4 | | | Grade of C if SPA 202 | 2.0 minimum cumulative ASO GPA required | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | - |] | |
| Social and Behavioral Sciences (SB) | 3 | | | | 1 | |
| Elective or course for a minor | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS TCL 201: Transborder Society & Culture I: Interdisc Approaches | 3 | | | Grade of C | First-year Composition Completed | |
| Second language (must be Spanish (SPA) course* if needed, or | 4 | | | Grade of C if SPA | 2.0 minimum cumulative ASU GPA required | |
| Elective MAT 142: College Mathematics (MA) | 3 | | | 202 | - | |
| Social & Behavioral Sciences (SB) AND, if not already completed, | 3 | | | | 1 | |
| Global Awareness (G) Natural Science-Quantitative (SQ) | 4 | | | | - | |
| TERM FOUR: 46-60 CREDIT HOURS | 7 | | | | | |
| TCL 202: Transborder Society & Culture II: Contemporary Issues | | | | | All critical courses must be completed by end of | |
| (SB & C) Second language (must be Spanish (SPA) course* if needed, or | 3 | | | Grade of C Grade of C if SPA | term 4 • 2.0 minimum cumulative ASU GPA required | |
| Elective | 4 | | | 202 | Spanish language proficiency completed | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | Must complete Spanish language proficiency by end of term 4 | |
| Natural Science-Quantitative (SQ) or General (SG) | 4 | | | | - Chid of term 1 | |
| Literacy & Critical Inquiry (L) | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory | 3 | \boxtimes | | Grade of C | | |
| TCL 332: Mexican American History Since 1900 (SB, H, C) | 3 | ⊠ | | Grade of C | - | |
| Concentration course | 3 | ⊠ | | Grade of C | | |
| Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | | |
| TCL 304: Transborder Research Methods | 3 | | | Grade of C | | |
| Concentration course | 3 | ⊠ | | Grade of C | | |
| Concentration course | 3 | ⊠ | | Grade of C | - | |
| Concentration course Upper division TCL or related field course | 3 | | | Grade of C Grade of C | - | |
| TERM SEVEN: 91-105 CREDIT HOURS | 3 | | | Grade of C | | |
| TCL 305: Transborder Practicum & Field Research | 3 | \boxtimes | | Grade of C | | |
| Upper division TCL or related field course | 3 | ⊠ | | Grade of C | | |
| Upper division TCL or related field course | 3 | | | Grade of C | - | |
| Concentration course | 3 | | | Grade of C | - | |
| Upper division Elective or course for a minor TERM EIGHT: 106-120 CREDIT HOURS | 3 | \boxtimes | | | | |
| TCL 498: Pro Seminar Capstone | 3 | | | Grade of C | | |
| Concentration Course | 3 | ⊠ | | Grade of C | 1 | |
| Upper division Elective or course for a minor | 3 | × | | | | |
| Upper division Elective or course for a minor | 3 | | | | | |



Major Map: Transborder Chicana/o & Latina/o Studies

(Media, Literature and Arts) -

Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - 0 Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

Courses that fulfill concentration requirements:

Media, Literature and Arts

TCL 305 Transborder Practicum & Field Research (required) TCL 310 Transborder Chicano/a & Latino/a Folklore of

Southwest North America TCL 331 Mexican American History to 1900

TCL 350 Transborder Mexican & Chicano/a Artistic Production TCL 351 Transborder Chicano/a & Latino/a Art

TCL 352 Chicana/o Film

TCL 363 Transborder Mexican & Chicano/a Literature of Southwest North America

TCL 370 Signs of Aliens: Semiotics of Film & Popular Culture

TCL 464 Latina/o Literature TCL 465 Chicana/o & Latina/o History on Film

TCL 466 Constructing the Border on Film TCL 470 Race, Sex, & Identity Online

TCL 471 Latinos in Hollywood

TCL 485 Chicana & Latina Writers TCL 488 Border Global Narratives

Transborder Community Development & Health

TCL 305 Transborder Practicum & Field Research (required) TCL 321 Transborder Community Development & Health

(required) TCL 315 Chicana/o & Latina/o Family Structures

TCL 323 Latino Health Issues TCL 327 Health & Migration TCL 331 Mexican American History to 1900

TCL 410 Race, Medicine & the Body TCL 422 U.S.-Mexico Border Health

TCL 424Theory & Practice of Community Development &

Health

TCL 484 Internship

US & Mexican Regional Immigration Policy & Economy

TCL 305 Transborder Practicum & Field Research

TCL 314 Transborder Regional Immigration and

Economy (required)
TCL 315 Chicana/o and Latina/o Family Structures
TCL 331 TCL 331 Mexican American History to 1900
TCL 335 Historical Studies in Race, Crime, & the Law

TCL 340 Chicana/o & Latina/o Politics & Policy TCL 341 Policy Issues in Chicana/o & Latina/o Urban

Settings
TCL 342 Social Demographics of Latino Populations
TCL 443 Political Ecology of the Border

Section Production Production Productions Producti

TCL 444 The Ethnography of Mexican Border Rural

Settings TCL 484 Internship

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: Transborder Chicana/o & Latina/o Studies (Transborder Community Development & Health) – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|--|-------------------|--------------------------|---|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirements Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses | |
| Second language (must be Spanish (SPA) course* | 4 | | | Grade of C if SPA 202 | ASU Math Placement Exam score determines | |
| Humanities, Fine Arts, and Design (HU). Recommend TCL 101: | 3 | | | | placement in Mathematics course • 2.0 minimum cumulative ASU GPA required | |
| Introduction to Transborder Chicana/o and Latina/o Studies (HU, C) Elective | 3 | | | | All freshmen are required to pass an academic | |
| Academic Success Class or First Year Seminar TERM TWO: 16-30 CREDIT HOURS | 1 | ם | | | success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar • 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 TCLS course taught in Spanish | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | First-year composition requirement must be completed by end of term 3 2.0 minimum cumulative ASU GPA required | |
| Second language (must be Spanish (SPA) course* | 4 | | | Grade of C if SPA 202 | · | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | | |
| Social and Behavioral Sciences (SB) | 3 | | | | | |
| Elective or course for a minor | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | • First coor Commonition Commisted | |
| TCL 201: Transborder Society & Culture I: Interdisc Approaches Second language (must be Spanish (SPA) course* if needed, or | 3 | | | Grade of C | First-year Composition Completed 2.0 minimum cumulative ASU GPA required | |
| Elective | 4 | | | Grade of C if SPA 202 | • | |
| MAT 142: College Mathematics (MA) | 3 | | | | | |
| Social & Behavioral Sciences (SB) AND, if not already completed, Global Awareness (G) | 3 | | | | | |
| Natural Science-Quantitative (SQ) | 4 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| TERENTI GOTA TO GREEN THE GREEN | | | | | All critical courses must be completed by end of term 4 | |
| TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) | 3 | | | Grade of C | | |
| | 3 | | | Grade of C Grade of C if SPA 202 | term 4 • 2.0 minimum cumulative ASU GPA required | |
| (SB & C) Second language (must be Spanish (SPA) course* if needed, or | | | | | term 4 | |
| (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective | 4 | | | | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) | 4 | | | | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS | 4 3 4 3 | | | Grade of C if SPA 202 | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory | 4 3 4 3 | | | Grade of C if SPA 202 Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) | 4 3 4 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course | 4 3 4 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) | 4 3 4 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective | 4 3 4 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS | 4 3 4 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods | 4 3 4 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course | 4 3 4 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course | 4 3 4 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course Upper division TCL or related field course | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy & Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy & Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course Upper division TCL or related field course | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course Concentration course | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy & Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy & Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course Concentration course Upper division TCL or related field course Upper division TCL or related field course Concentration course Upper division TCL or related field course Upper division TCL or related field course Upper division Elective or course for a minor TERM EIGHT: 106-120 CREDIT HOURS | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy & Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course Upper division TCL or related field course | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |
| Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy & Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course Upper division TCL or related field course Concentration course Upper division TCL or related field course Upper division TCL or related field course Concentration course Upper division TCL or related field course Upper division TCL or related field course Concentration course Upper division Elective or course for a minor TERM EIGHT: 106-120 CREDIT HOURS TCL 498: Pro Seminar Capstone | 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by | |



Major Map: Transborder Chicana/o & Latina/o Studies (Transborder Community Development & Health) -Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
- Cultural Diversity in the US (C)
 - 0
 - 0 Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

Courses that fulfill concentration requirements:

Media, Literature and Arts

TCL 305 Transborder Practicum & Field Research (required) TCL 310 Transborder Chicano/a & Latino/a Folklore of Southwest North America

TCL 331 Mexican American History to 1900

TCL 350 Transborder Mexican & Chicano/a Artistic Production

TCL 351 Transborder Chicano/a & Latino/a Art

TCL 352 Chicana/o Film

TCL 363 Transborder Mexican & Chicano/a Literature of Southwest North America

TCL 370 Signs of Aliens: Semiotics of Film & Popular Culture

TCL 464 Latina/o Literature

TCL 465 Chicana/o & Latina/o History on Film

TCL 466 Constructing the Border on Film

TCL 470 Race, Sex, & Identity Online TCL 471 Latinos in Hollywood

TCL 485 Chicana & Latina Writers TCL 488 Border Global Narratives

Transborder Community Development & Health

TCL 305 Transborder Practicum & Field Research (required) TCL 321 Transborder Community Development & Health

(required)
TCL 315 Chicana/o & Latina/o Family Structures

TCL 323 Latino Health Issues
TCL 327 Health & Migration
TCL 331 Mexican American History to 1900

TCL 410 Race, Medicine & the Body TCL 422 U.S.-Mexico Border Health

TCL 424Theory & Practice of Community Development & Health

TCL 484 Internship

US & Mexican Regional Immigration Policy & Economy

TCL 305 Transborder Practicum & Field Research

TCL 314 Transborder Regional Immigration and

Economy (required) TCL 315 Chicana/o and Latina/o Family Structures

TCL 331 TCL 331 Mexican American History to 1900 TCL 335 Historical Studies in Race, Crime, & the Law

TCL 340 Chicana/o & Latina/o Politics & Policy
TCL 341 Policy Issues in Chicana/o & Latina/o Urban

Settings

TCL 342 Social Demographics of Latino Populations TCL 443 Political Ecology of the Border TCL 444 The Ethnography of Mexican Border Rural

Settings TCL 484 Internship

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: Transborder Chicana/o & Latina/o Studies (U.S. & Mexican Regional Immigration Policy & Economy)

- Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Competed Transfer Pathway: Completed General Education: \square MAPP □TAG □ATP \square None □AGEC □IGETC/CSUGE □None Course Subject and Title Upper Minimum Grade if Transfer (courses in **bold/shading** are critical) Hr Required Course/Grade Additional Critical Requirements Notes **TERM ONE: 0-15 CREDIT HOURS** ENG 101 and 102: First-Year Composition OR An SAT. ACT. Accuplacer, or TOEFL score 3 ENG 107 and 108: English for Foreign Students OR Grade of C determines placement into first-year composition ENG 105: Advanced First-Year Composition courses. • ASU Math Placement Exam score determines Second language (must be Spanish (SPA) course* 4 Grade of C if SPA 202 Humanities, Fine Arts, and Design (HU) Recommend TCL 101: placement in Mathematics course 3 • 2.0 minimum cumulative ASU GPA required Introduction to Transborder Chicana/o and Latina/o Studies (HU, C) · All freshmen are required to pass an academic 2 success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar. • Majors are expected to fulfill the College's Academic Success Class or First Year Seminar 1 language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper division TCLS course taught in Spanish. **TERM TWO: 16-30 CREDIT HOURS** ENG 101 and 102: First-Year Composition OR · First-year composition requirement must be ENG 107 and 108: English for Foreign Students OR 3 Grade of C completed by end of term 3. ENG 105: Advanced First-Year Composition · 2.0 minimum cumulative ASU GPA required. Second language (must be Spanish (SPA) course) 4 П Grade of C if SPA 202 Humanities, Fine Arts, and Design (HU) 3 3 Social and Behavioral Sciences (SB) Elective or course for a minor 3 **TERM THREE: 31-45 CREDIT HOURS** First-year Composition Completed. TCL 201: Transborder Society & Culture I: Interdisc Approaches 3 Grade of C • 2.0 minimum cumulative ASU GPA required. Second language (must be Spanish (SPA) course* if needed, or 4 Grade of C if SPA 202 Elective MAT 142: College Mathematics (MA) 3 Social & Behavioral Sciences (SB) AND, if not already completed, Global Awareness (G) 4 Natural Science-Quantitative (SQ) **TERM FOUR: 46-60 CREDIT HOURS** TCL 202: Transborder Society & Culture II: Contemporary Issues · All critical courses must be completed by end of 3 Grade of C term 4 Second language (must be Spanish (SPA) course if needed, or • 2.0 minimum cumulative ASU GPA required. 4 Grade of C if SPA 202 Elective · Must complete Spanish language proficiency by Computer/Statistics/Quantitative applications (CS) 3 end of term 4 Natural Science-Quantitative (SQ) or General (SG) 4 Literacy & Critical Inquiry (L) 3 П **TERM FIVE: 61-75 CREDIT HOURS** 3 \boxtimes Grade of C TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) 3 \boxtimes Grade of C Concentration course 3 \boxtimes Grade of C Upper division Literacy& Critical Inquiry (L) 3 \boxtimes Upper division SPA course if needed or Elective 3 \boxtimes **TERM SIX: 76-90 CREDIT HOURS** \boxtimes TCL 304: Transborder Research Methods 3 Grade of C Concentration course 3 \boxtimes Grade of C \boxtimes Concentration course 3 Grade of C \boxtimes Concentration course 3 Grade of C Upper division TCL or related field course \boxtimes Grade of C 3 TERM SEVEN: 91-105 CREDIT HOURS M Grade of C TCL 305: Transborder Practicum & Field Research 3 \boxtimes Upper division TCL or related field course 3 Grade of C 3 \boxtimes Upper division TCL or related field course Grade of C Concentration course 3 \boxtimes Grade of C \boxtimes Upper division Elective or course for a minor 3 **TERM EIGHT: 106-120 CREDIT HOURS** 3 \boxtimes Grade of C TCL 498: Pro Seminar Capstone Concentration Course 3 \boxtimes Grade of C Upper division Elective or course for a minor \boxtimes 3 Upper division Elective or course for a minor 3 \boxtimes



Major Map: Transborder Chicana/o & Latina/o Studies (U.S. & Mexican Regional Immigration Policy & Economy) - Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - 0 Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Courses that fulfill concentration requirements:

Media, Literature and Arts

Health

TCL 305 Transborder Practicum & Field Research (required) TCL 310 Transborder Chicano/a & Latino/a Folklore of Southwest North America

TCL 331 Mexican American History to 1900 TCL 350 Transborder Mexican & Chicano/a Artistic Production

TCL 351 Transborder Chicano/a & Latino/a Art

TCL 352 Chicana/o Film TCL 363 Transborder Mexican & Chicano/a Literature of

Southwest North America

TCL 370 Signs of Aliens: Semiotics of Film & Popular Culture TCL 464 Latina/o Literature

TCL 465 Chicana/o & Latina/o History on Film

TCL 466 Constructing the Border on Film

TCL 470 Race, Sex, & Identity Online

TCL 471 Latinos in Hollywood TCL 485 Chicana & Latina Writers

TCL 488 Border Global Narratives

Transborder Community Development &

TCL 305 Transborder Practicum & Field Research (required) TCL 321 Transborder Community Development & Health

(required) TCL 315 Chicana/o & Latina/o Family Structures TCL 323 Latino Health Issues

TCL 327 Health & Migration

TCL 331 Mexican American History to 1900 TCL 410 Race, Medicine & the Body

TCL 422 U.S.-Mexico Border Health TCL 424Theory & Practice of Community Development &

TCL 484 Internship

US & Mexican Regional Immigration Policy & Economy

TCL 305 Transborder Practicum & Field Research (required)
TCL 314 Transborder Regional Immigration and

Economy (required)
TCL 315 Chicana/o and Latina/o Family Structures

TCL 331 TCL 331 Mexican American History to 1900 TCL 335 Historical Studies in Race, Crime, & the Law

TCL 340 Chicana/o & Latina/o Politics & Policy

TCL 341 Policy Issues in Chicana/o & Latina/o Urban

Settings TCL 342 Social Demographics of Latino Populations

TCL 443 Political Ecology of the Border TCL 444 The Ethnography of Mexican Border Rural

Settings TCL 484 Internship

There is room in this roadmap to add a concurrent degree, a minor or a certificate.



Major Map: Urban Planning — Bachelor of Science in Planning (B.S.P.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | | ansfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|--------------|------------------------------------|---|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-16 CREDIT HOURS Academic Success Class or First Year Seminar | 1 | | | | All freshmen must pass an academic success class |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | and therefore must enroll in an Academic Success |
| ENG 107 and 108: English for Foreign Students OR | | | | Grade of C | Cluster and/or a First Year Seminar. |
| ENG 105: Advanced First-Year Composition | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | courses |
| Humanities and Fine Arts (HU) | 3 | | | | ASU Math Placement Exam score determines |
| General Elective | 3 | | | | placement in Mathematics course |
| TERM TWO: 17-32 CREDIT HOURS | | | | | |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | | | | | |
| PUP 190: Sustainable Cities ² (HU/SB, G) | 3 | | | Grade of C | 1 |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| Social and Behavioral Sciences (SB) | 3 | | | | |
| General Elective | 3 | | | | - |
| | , | | | | |
| TERM THREE: 33-47 CREDIT HOURS PUP 200: The Planned Environment (HU, H) | 3 | | | Grade of C | Complete First-Year Composition requirement: |
| Science and Society | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Natural Sciences Quantitative (SQ) or General (SG) | 4 | | | Grade of C | Complete MAT 142 or higher (MA) by the end of |
| General Elective | 3 | | | | term 3 |
| General Elective | 3 | | | | - |
| TERM FOUR: 48-61 CREDIT HOURS | , | | | | |
| PUP 301: Introduction to Urban Planning (L) | 3 | \boxtimes | | Grade of C | |
| Statistics (CS) (See the list in DARS) | 3 | | | Grade of C | |
| Upper Division Social and Behavioral Science or Humanities and Fine | 3 | ⊠ | | | |
| Arts (SB, C or HU, C) | 2 | | | | |
| General Elective General Elective | 3 | | | | - |
| TERM FIVE: 62-75 CREDIT HOURS | 3 | | | | |
| PUP 361: Introductory Urban Planning Studio | 4 | | | Grade of C | |
| PUP 424: Planning Methods | 4 | \boxtimes | | Grade of C | 1 |
| Upper Division PUP Elective | 3 | \boxtimes | | Grade of C | 1 |
| General Elective | 3 | | | | |
| Upper Division Science and Society | 3 | | | Grade of C | - |
| TERM SIX: 76-89 CREDIT HOURS | , | | | Grade of C | |
| PUP 363: History of Planning | 3 | \boxtimes | | Grade of C | |
| PUP 434: Urban Land Economics or PUP 442: Environmental | 3 | \boxtimes | | Grade of C | 1 |
| Planning H. Birris P. L. Birris G. (G. Frei PAPS) | 2 | | | 0.1.60 | _ |
| Upper Division Related Field Course (See list in DARS) Upper Division General Elective | 3 | | | Grade of C | |
| FF | 3 | | | | - |
| Upper Division General Elective TERM SEVEN: 92-109 CREDIT HOURS | 3 | | | | |
| PUP 432: Planning & Development Control Law or PUP 433: Zoning, | 3 | | | Grade of C | |
| Subdivision Regulations, Building Codes | | | | | |
| PUP 436: City Structure and Planning | 3 | \boxtimes | | Grade of C | |
| Upper Division PUP Elective | 3 | \boxtimes | | Grade of C | |
| Upper Division Related Field (See list in DARS) | 3 | | | Grade of C | |
| General Elective | 3 | | | | |
| TERM EIGHT: 108-120 CREDIT HOURS | 2 | | | 0 1 60 | |
| Upper Division Related Field (See list in DARS) | 3 | | | Grade of C | - |
| PUP 452: Ethics and Theory in Planning (L) PUP 462: Advanced Urban Planning Studio | 3 | | - | Grade of C Grade of C | 4 |
| | 4 | | | Grade of C | - |
| Upper Division General Elective | 3 | | | | |



Major Map: Urban Planning — Bachelor of Science in Planning (B.S.P.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (3.00 minimum for major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|--|-------------------------------|--|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 & 102 OR ENG 107 & 108 or ENG 105)

Additional Notes:

A concurrent degree, minor or certificate may be added.



Major Map: Women and Gender Studies – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|--|----------|---|---|
| Course Subject and Title | 1,, | Upper | Transfer Minimum Grade if | ALIX LOW IT II NO |
| (courses in bold/shading are critical, concentration courses are underlined) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade Required | Additional Critical Tracking Notes |
| WST 100: Women and Society (SB, C) | 3 | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR | 3 | | Grade of C | determines placement into first-year |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | | | | composition courses. ASU Math Placement Exam score determines |
| MAT 142: College Mathematics or higher (MA) | 3 | | Grade of C | placement in Mathematics course. |
| Second language | 4 | | Grade of C | All freshmen are required to pass an academic success class and therefore must enroll in an |
| 2222.22.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2. | | | | Academic Success Cluster and/or a First Year |
| | | | | Seminar. |
| | | | | Complete First Year Composition requirement by the end of term 3. |
| | | _ | | Complete MAT requirement, MAT 119 or |
| Academic Success Class or First Year Seminar TERM TWO: 16-30 CREDIT HOURS | 1 | | | higher by the end of term 3. |
| ENG 101 and 102: First-Year Composition OR | 3 | | Grade of C | Complete First Year Composition requirement |
| ENG 107 and 108: English for Foreign Students OR | | _ | | by the end of term 3. |
| ENG 105: Advanced First-Year Composition WST Elective | 3 | | Grade of C | Complete MAT requirement, MAT 119 or higher by the end of term 3. |
| Second language | 4 | | Grade of C | Selection of general studies courses (HU, SB, G, |
| Computer/Statistics/Quantitative applications (CS) | 3 | | Grade of C | C, H, L) will be determined by elective courses |
| Humanities, Fine Arts, and Design (HU) and Global (G) or | 3 | | | taken to fulfill the major. |
| Historical (H) | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 3 | | Grade of C | Complete First Veer Commention requirements |
| Related Area Natural Science – Quantitative or General (SQ/SG) | 4 | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105. |
| Second Language | 4 | | Grade of C | Complete Mathematical Studies (MA) requirement. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses |
| Humanities, Fine Arts, and Design (HU): | 3 | | Grade of C | |
| rumanities, i me 7itis, and Design (110). | 3 | | | |
| Literacy and Critical Inquiry (L) | | | | taken to fulfill the major. |
| TERM FOUR: 46-60 CREDIT HOURS | | | | |
| WST 380: Race, Gender and Class (SB, C) | 3 | | Grade of C | Selection of general studies courses(HU, SB, G, |
| WST 377: History of American Feminist Thought (H, C) OR | 3 | | Grade of C | C, H) will be determined by elective courses taken to fulfill the major. |
| | | | | taken to fulfill the major. |
| WST 378: Global Feminist Theory (L, C, G) Natural Science – Ouantitative (SO) | 4 | | | |
| Natural Science – Quantitative (SQ) Second Language | 4 | | Grade of C | |
| Natural Science – Quantitative (SQ) | | _ | Grade of C | - - - |
| Natural Science – Quantitative (SQ) Second Language | 4 | | Grade of C | |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective | 4 | | Grade of C Grade of C | Selection of general studies courses(HU, SB, G, |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS | 3 3 | | Grade of C Grade of C | C, H) will be determined by elective courses |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective | 3 3 3 3 | | Grade of C | |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division Related Area Upper Division WST Elective General Elective | 3 3 3 3 3 | | Grade of C Grade of C | C, H) will be determined by elective courses |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division Related Area Upper Division WST Elective General Elective General Elective | 3 3 3 3 | | Grade of C Grade of C | C, H) will be determined by elective courses |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division Related Area Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS | 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division Related Area Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective | 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective | 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective | 4 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective General Elective Upper Division Related Area General Elective General Elective | 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective | 4 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective Upper Division Related Area General Elective General Elective Upper Division Related Area General Elective Upper Division General Elective | 4 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division Related Area Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division Related Area General Elective Upper Division Related Area General Elective Upper Division General Elective TERM SEVEN: 91-105 CREDIT HOURS | 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. See advisor for Related Course options. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division Related Area Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division Related Area General Elective Upper Division Related Area General Elective Upper Division General Elective TERM SEVEN: 91-105 CREDIT HOURS WST 484: Internship | 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. See advisor for Related Course options. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division Related Area Upper Division WST Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective Upper Division Related Area General Elective General Elective Upper Division Related Area General Elective TERM SEVEN: 91-105 CREDIT HOURS WST 484: Internship Upper Division WST Elective | 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. See advisor for Related Course options. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division Related Area Upper Division WST Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective Upper Division Related Area General Elective General Elective Upper Division General Elective TERM SEVEN: 91-105 CREDIT HOURS WST 484: Internship Upper Division Related Area Upper Division Related Area Upper Division Related Area General Elective | 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. See advisor for Related Course options. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective Upper Division Related Area General Elective Upper Division Related Area General Elective Upper Division General Elective Upper Division General Elective Upper Division General Elective Upper Division WST Elective Upper Division WST Elective Upper Division WST Elective Upper Division WST Elective Upper Division Related Area Upper Division Related Area General Elective TERM EIGHT: 106-120 CREDIT HOURS | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. See advisor for Related Course options. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division Related Area General Elective Upper Division Related Area General Elective Upper Division General Elective Upper Division General Elective Upper Division General Elective Upper Division General Elective Upper Division Related Area Upper Division WST Elective Upper Division WST Elective Upper Division Related Area General Elective TERM EIGHT: 106-120 CREDIT HOURS WST 498: Professional Seminar (L) | 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. See advisor for Related Course options. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division Related Area General Elective Upper Division Related Area General Elective TERM SEVEN: 91-105 CREDIT HOURS WST 484: Internship Upper Division Related Area Upper Division Related Area General Elective Upper Division WST Elective Upper Division Related Area Upper Division Related Area General Elective TERM EIGHT: 106-120 CREDIT HOURS WST 498: Professional Seminar (L) Upper Division General Elective | 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. See advisor for Related Course options. |
| Natural Science – Quantitative (SQ) Second Language Social Behavioral Science (SB) or General Elective TERM FIVE: 61-75 CREDIT HOURS Upper Division WST Elective Upper Division WST Elective General Elective General Elective TERM SIX: 76-90 CREDIT HOURS Upper Division WST Elective Upper Division Related Area General Elective Upper Division Related Area General Elective Upper Division General Elective Upper Division Related Area General Elective Upper Division General Elective Upper Division General Elective Upper Division WST Elective Upper Division WST Elective Upper Division WST Elective Upper Division Related Area Upper Division Related Area General Elective TERM EIGHT: 106-120 CREDIT HOURS WST 498: Professional Seminar (L) | 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | C, H) will be determined by elective courses taken to fulfill the major. Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses taken to fulfill the major. See advisor for Related Course options. |



Major Map: Women and Gender Studies – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

A concurrent degree, minor or certificate may be added.



Major Map: American Studies – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|--------------------------|------------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course/Orade | William Grade ii Required | Auditional Critical Flacking Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| ENG 101 or 102: First-Year Composition OR | | | | | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | composition courses |
| Humanities/Fine Arts (HU) | 3 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| Social/Behavioral Science (SB) | 3 | | | | • |
| Natural Science (SQ) | 4 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Focus Area Lower Division (ENG, HIS, AMS, or JMC) | 3 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities/Fine Arts (HU) | 3 | | | | |
| Social/Behavioral Science (SB) | 3 | | | | |
| Natural Science (SQ or SG) | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 2 | | | | First-Year Composition Completed |
| Computer Literacy (CS) Cultural Diversity (C) | 3 | | | | • First-Tear Composition Completed |
| Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Upper | | | | | |
| Division | 3 | | | | |
| Literacy & Critical Inquiry (L) (PHI 103: Principles of Sound Reasoning recommended) | 3 | | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Focus Area Lower Division (ENG, HIS, AMS, or JMC) | 3 | | | | |
| AMS 301: Introduction to American Studies (L) OR | 3 | | | | |
| AMS 330: Introduction to American Lives (HU, C) Global Awareness (G) | 3 | | | | |
| Focus Area Upper Division (list in DARS) | 3 | | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| AMS 301: Introduction to American Studies (L) OR AMS 330: Introduction to American Lives (HU, C) (course not taken in semester 4) | 3 | | | | Language and Cultures: see Additional Notes, page 2 |
| AMS 310: History of American Systems to 1865 (H) or AMS 320: American Cultural History I (SB,H) | 3 | \boxtimes | | | |
| Languages & Cultures: Global Awareness (G) or Cultural Diversity | 3 | | | | |
| (C) if needed ¹ | | | | | |
| Focus Area Upper Division (list in DARS) | 3 | | | | |
| Elective Upper Division | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS AMS 311: History of American Systems Since 1865 (H) (if AMS 310 | | | | | |
| taken in semester 5) AMS 321: American Cultural History II (H) (if AMS 320 taken in semester 5) | 3 | ⊠ | | | |
| Focus Area Upper Division (list in DARS) | 3 | | | | |
| Literacy & Critical Inquiry Upper Division (L) | 3 | | | | |
| Elective Upper Division | 3 | | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed ¹ | 3 | | | | Language and Cultures: see Additional Notes, page 2 |
| Focus Area Upper Division (list in DARS) | 3 | | | | |
| Elective Upper Division | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | - | | | |
| Focus Area Upper Division (list in DARS) Final Project (HST 484: Internship, HST 498: Pro-Seminar (L) OR | 3 | | | | |
| HST 499: Individualized Instruction) | 3 | | | | |
| Elective Upper Division | 3 | | | | |
| Elective | 3 | | 1 | | |

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU | Resident Credit for Academic | Major GPA | Total UD Hrs | Total Comm. College |
|-------------------|------------------|------------------------------|---------------|--------------|---------------------|
| | (minimum 30) | Recognition (minimum 56) | (2.00 Min.) | (minimum 45) | Hrs. (maximum 64) |
| | (| | (2100 212111) | (| |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
 - General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- A minimum of 12 upper-division semester hours in the major must be taken in campus resident credit. No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.

Language and Cultures: This requirement may be satisfied through one of the following:

- 1. completion of secondary education at a school in which the language of instruction is not English
- 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
- 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
- 4. 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.
- 5. completion of two sequential semesters of coursework in a current computer language



Major Map: Applied Computing – Bachelor of Science (B.S.)

New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | Completed ATP: | □Yes □ No | Completed AGEC: Yes No |
|--|------|-------------------|--------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| ENG 101 or 102: First-Year Composition OR | | | | | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition OR | | lп | | 0 1 60 | determines placement into first-year composition |
| ENG 107 or 108: English for Foreign Students | 3 | ᅡ | | Grade of C Grade of C | courses |
| ACO 101 (CS): Intro to Computer Science | | | | Grade of C | ASU Math Placement Exam score determines |
| Historical Awareness (H) | 3 | | | | placement in Mathematics course |
| General Elective or MAT 117 if needed | 3 | | | | _ |
| General Elective | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ACO 102 (CS): Principles of Computer Science | 3 | | | Grade of C | |
| MAT 210 (MA): Brief Calculus or MAT270 Calculus& Analytical Geometry I (MA) | 3 | Ιп | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR | | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | | |
| Global Awareness (G) | 3 | | | | |
| Science Quantitative: (SQ) | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| ACO 201 (CS): Data Structures and Algorithms | 3 | | | Grade of C | First-Year Composition Completed |
| MAT 243: Discrete Mathematical Structures | 3 | | | Grade of C | |
| Humanities/Fine Arts (HU) | 3 | | | | |
| Social Behavioral Science (SB) | 3 | | | | |
| Cultural Diversity (C) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| ACO 210 (CS): Introduction to Systems Programming | 3 | | | Grade of C | Students must choose one of the following |
| ACO 220 (CS): Introduction to Database Systems | 3 | | | Grade of C | concentrations by the end of the forth semester: Database Systems, Digital Media & Graphic |
| STP326: Intermediate Probability | 3 | ⊠ | | Grade of C | Design, or Network and Distributed Processing. |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Humanities/Fine Arts (HU) | 3 | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements

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 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Applied Mathematics – Bachelor of Science (B.S.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Trans | afer Pathway: AG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|----------------|-----------------------------|---|
| Course Subject and Title | Hao | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | П | | | ASU 101 is for ASU freshman students only Not |
| ACO 101: Introduction to Computer Science (CS) | 3 | | | Grade of C | required of transfer students |
| MAT 270: Calculus & Analytical Geometry I (MA) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| ENG 101 or 102: First-Year Composition OR | | | | Grade of C | courses |
| ENG 105: Advanced First-Year Composition OR | 2 | _ | | 0 1 60 | ASU Math Placement Exam score determines |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | 3 | | | Grade of C | |
| ACO 102: Principles of Computer Science (CS) MAT 271: Calculus & Analytic Geometry II (MA) | 4 | | | Grade of C | - |
| ENG 101 or 102: First-Year Composition OR | 4 | | | Glade of C | - |
| ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | _ |
| Social & Behavioral Science (SB) | 3 | | | | _ |
| Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | Consolate First Vers C |
| MAT 272: Calculus & Analytic Geometry III (MA) | 4 | | | Grade of C | Complete First-Year Composition by the end of semester 3 |
| MAT 300: Mathematical Structures (L) | 3 | \boxtimes | | Grade of C | Semester 5 |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | _ |
| Social & Behavioral Science (SB) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | C 1. MAT 272 C 1 1 0 A 1. |
| MAT 275: Modern Differential Equations (MA) | 3 | | | Grade of C | Complete MAT 272: Calculus & Analytic Geometry III |
| MAT 343: Applied Linear Algebra | 3 | | | Grade of C | - |
| Natural Science – Quantitative (SQ) or General (SG) | 4 | | | | 4 |
| Elective | 3 | | | | 4 |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | M | | 6 1 66 | Language and Cultures: see Additional Notes, |
| MAT 371: Advanced Calculus I | 3 | | | Grade of C | below |
| MAT 421: Applied Computational Methods (CS) STP 421: Probability | 3 | | | Grade of C | - |
| Language and Cultures: Global Awareness (G) | 3 | | | Grade of C | - |
| Cultural Diversity (C) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| STP 420: Introductory Applied Statistics (CS) | 3 | \boxtimes | | Grade of C | Language and Cultures: see Additional Notes, on |
| Language and Cultures (G) Cultural Diversity (C) | 3 | | | | pg. 2 |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Historical (H), Global (G), and/or Cultural Diversity in the U.S. (C) | , | | | | |
| Awareness area | 3 | | | | - |
| Upper division elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 3 | M | | Grada of C | |
| Capstone course | 3 | | | Grade of C | - |
| Applied Math elective Historical (H), Global (G), and/or Cultural Diversity in the U.S. (C) | 3 | | 1 | Grade of C | - |
| Awareness area | 3 | | | | |
| Upper division Humanities, Fine Arts & Design (HU) or Social & | _ | | | | |
| Behavioral Science (SB) | 3 | | | | - |
| Elective | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | a | |
| Capstone course | 3 | | | Grade of C | - |
| Applied Math elective Historical (H), Global (G), and/or Cultural Diversity in the U.S. (C) | 3 | | | Grade of C | - |
| Historical (H), Global (G), and/or Cultural Diversity in the U.S. (C) Awareness area | 3 | | | | |
| Upper division elective | 3 | \boxtimes | | | 7 |
| Upper division elective | 3 | | | | 7 |



Major Map: Applied Mathematics – Bachelor of Science (B.S.)

New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (minimum 120) | Total UD Hrs (minimum 50) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Hrs Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (64 Max) |
|------------------------------|------------------------------|----------------------------------|--------------------------|----------------------------------|---|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- A minimum of 12 upper-division semester hours in the major must be taken in campus resident credit. No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.
 - o Language and Cultures: This requirement may be satisfied through one of the following:
 - 1. completion of secondary education at a school in which the language of instruction is not English
 - 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
 - 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - 4. 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.
 - 5. completion of two sequential semesters of coursework in a current computer language



Bachelor of Applied Science Catalog Year: 2010-2011

Advising Appointments: (602) 543-4444

| Name (Last, First) | | | | ASU ID# | Date | |
|-------------------------------|---|------|---------------------|--|------------|-----------------|
| Total Hours (120) | Total BAS Hours (60) Courses must be 300-400 level, except MA & SQ/SG | l l | Transfer rs (60) | ASU Resident Credit (30 hours minimum) | GPA (| 2.0 minimum) |
| BAS Core Requireme | , , | | | BAS General Studies (minimum of 13 ho | urs) | |
| | ent & Communication Ski | ills | 9 hours | | | |
| | se below is required | | | 1) Mathematics (MA)* | | 0-3 hours |
| | er Development (L/SB) | | | MAT 142 College Mathematics (or highe | r) | |
| IAS 305 Work and I | | | | | | |
| ENG 301 Writing for | r the Professions (L) | | | 2) Social & Behavioral Science (SB) 300/4 | | 0-3 hours |
| | | | | May be shared with other requiren | ients in g | eneral studies |
| 2) Quantitative Skills | | | 3 hours | | | |
| | ne of the following | | | 3) Natural Science with lab (SG) 100/400 le | evel | 4 hours |
| EDT 321 Computer 1 | | | | | | |
| SBS 304 Social Statis | stics (CS) | | | 4) Cultural Diversity in the U.S. (C) 300/4 | 00 level | 3 hours |
| | | | | | | |
| 3) Aesthetics/Creativit | | | 3 hours | 5) Global Awareness (G) 300/400 level | | 3 hours |
| | ne of the following | | | | | |
| ARS 300 Introductio | ` / | | | 6) Historical Awareness (H) 300/400 level | | 3 hours |
| | ystems of Art (HU, H) | | | | | |
| THE 320 History of t | | | | BAS Individualized Concentration | | 18-21 hours |
| THE 321 History of | ` ' ' | | | All courses must be 300/400 level | | |
| THE 400 Focus on Fi | ilm | | | A) ASU West Minor. Must be constructed | | |
| | | | | program or faculty advisor. Minor requirem | ents are g | uidelines only. |
| MUS 347 Jazz in Am | ` ' / | | | | | |
| MUS 349 Music in A | | | | OR | | |
| MUS 354 Popular M | usic (HU) | | | B) Individualized Concentration. Must | | ucted in |
| | | | | consultation with program or faculty advisor | r. | |
| | | | | | | |
| 4) Ethics - Choose of | · · | | 3 hours | | , | |
| PHI 306 Applied Eth | ` , | | | | | |
| IAS/PHI 340 Bioethic | ` , | | | | | |
| | d Professional Ethics (H | U) | | | | |
| IAS/PHI 406 Moral l | \ / | | | | | |
| IAS/PHI 407 Environ (L/HU) | mental Philosophy & Policy | У | | | | |
| IAS/PHI 408 Feminis | st Ethics (HU) | | | | | |
| | mmunity Ethics (HU) | | | Elective Credit | | |
| | / | | | | | 0-8 hours |
| 5) Exit Project - Cho | oose one of the following | | 3 hours | | | |
| IAS 484 Internship | <u> </u> | | | | | |
| | | | | | | |

Minors offered at ASU at the West campus include: American Studies, Communication Studies, English, Ethnic Studies, Film and Video Studies, History, Interdisciplinary Arts & Performance, Interdisciplinary Organizational Studies, Life Sciences, Mathematics, Philosophy, Political Science, Psychology, Public Relations & Strategic Communication, Religious Studies, Social & Behavioral Sciences, Socio-cultural Anthropology, Sociology, Spanish, and Women's Studies. See catalog for more information. * Must be met by the 24th hour or student will be blocked from registering.



Major Map: Communication – Bachelor of Arts (B.A.)

New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011 Completed General Education: Competed Transfer Pathway: \Box ATP □None □AGEC □IGETC/CSUGE □None \square MAPP $\Box TAG$ Course Subject and Title Upper Transfer Minimum Grade Hrs Additional Critical Tracking Notes (courses in bold/shading are critical) Division Course/Grade if Required **TERM ONE: 0-15 CREDIT HOURS** ASU 101 is for ASU freshman students only. Not ASU 101: The ASU Experience 1 required of transfer students ENG 101 or 102: First-Year Composition OR An SAT, ACT, Accuplacer, or TOEFL score ENG 105: Advanced First-Year Composition OR determines placement into first-year composition ENG 107 or 108: English for Foreign Students 3 Grade of C 3 Grade of C COM 100: Introduction to Human Communication (SB) ASU Math Placement Exam score determines 3 Grade of C MAT 142: College Mathematics or higher (MA) placement in Mathematics course Complete Mathematics (MA) by end of semester 4 Humanities, Fine Arts, & Design (HU) 3 П Complete First Year Composition by end of semester 3 П 3 Complete critical courses by end of semester 5 **TERM TWO: 16-30 CREDIT HOURS** ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students П Grade of C Social and Behavioral Science (SB) 3 Natural Science-Quantitative (SQ) 4 Computer/Statistics/Quantitative applications (CS) 3 General Elective 3 **TERM THREE: 31-45 CREDIT HOURS** Complete First-Year Composition requirement COM 225: Public Speaking (L) 3 Grade of C Minimum 2.0 GPA in all critical courses Humanities, Fine Arts, & Design (HU) 3 Global Awareness (G) 3 Natural Science - Quantitative (SQ) or General (SG) 4 Grade of C General Elective 3 **TERM FOUR: 46-60 CREDIT HOURS** COM 207: Introduction to Communication Inquiry 3 Grade of C Minimum 2.0 GPA in all critical courses Mathematics (MA) completed Historical Awareness (H) 3 Grade of C Cultural Diversity in the US (C) 3 Grade of C General Elective 3 General Elective П **TERM FIVE: 61-75 CREDIT HOURS** \boxtimes Grade of C COM 308: Empirical Research Methods in Communication (L) 3 Language & Cultures Global Awareness (G) or Grade of C \boxtimes Cultural Diversity (C) 1 COM Elective Upper Division (300 or 400 level) 3 \boxtimes Grade of C Grade of C COM Elective Upper Division (300 or 400 level) 3 \boxtimes 3 **TERM SIX: 76-90 CREDIT HOURS** COM 309: Rhetorical, Interpretive, and Critical Methods in Grade of C Communication 3 \boxtimes COM 400 Level Elective Grade of C COM Elective Upper Division (300 or 400 level) 3 \boxtimes Grade of C COM Elective Upper Division (300 or 400 level) \boxtimes 3 Grade of C Humanities, Fine Arts, & Design (HU) or Social and Behavioral \boxtimes Science (SB) Upper Division TERM SEVEN: 91-105 CREDIT HOURS COM 400 Level Elective 3 \boxtimes Grade of C COM 400 Level Elective \boxtimes Grade of C Language & Cultures Global Awareness (G) or \boxtimes Grade of C Cultural Diversity (C) 1 3 General Elective General Elective 3 **TERM EIGHT: 106-120 CREDIT HOURS** COM 400 Level Elective 3 \boxtimes Grade of C \boxtimes COM 400 Level Elective Grade of C

 \boxtimes

3

General Elective

Upper Division General Elective

¹ May be substituted with (4) semester hours of a foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.



Major Map: Communication – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU | Resident Credit for Academic | Major GPA | Total UD Hrs | Total Comm. College |
|-------------------|------------------|------------------------------|------------|--------------|---------------------|
| | (minimum 30) | Recognition (minimum 56) | (2.0 Min.) | (minimum 45) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.
 - o Language and Cultures: This requirement may be satisfied through one of the following:
 - 1. completion of secondary education at a school in which the language of instruction is not English
 - 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
 - 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - 4. 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.
 - 5. completion of two sequential semesters of coursework in a current computer language



Major Map: Communication – Bachelor of Science (B.S.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

| | | Competed Transfer Pathway: | | V: | Completed General Education: |
|--|------|----------------------------|--|------------------------------|--|
| | | ☐ MAPP ☐TAG ☐ATP ☐None | | ΓP □None | □AGEC □IGETC/CSUGE □None |
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | · | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. Not |
| ENG 101 or 102: First-Year Composition OR | | | | | required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition OR | 3 | Ιп | | C | determines placement into first-year composition |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | courses |
| COM 100: Introduction to Human Communication (SB) | | | | Grade of C | ASU Math Placement Exam score determines |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | placement in Mathematics course Complete Mathematics (MA) by end of semester 2 |
| Humanities, Fine Arts, & Design (HU) | 3 | | | | Complete First-Year Composition by end of semester 3 |
| Elective | 3 | | | | Complete critical courses by end of semester 4 |
| TERM TWO: 16-30 CREDIT HOURS | | | | _ | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Social and Behavioral Science (SB) | 3 | | | Grade or c | 1 |
| Global Awareness (G) | 3 | | | | 1 |
| Natural Science-Quantitative (SQ) | 4 | | <u> </u> | † | 1 |
| General Elective | 3 | | 1 | 1 | 1 |
| TERM THREE: 31-45 CREDIT HOURS | ر ا | | | | <u></u> |
| COM 225: Public Speaking (L) | 3 | | | Grade of C | Complete First-Year Composition requirement |
| Statistics course (list in DARS) (CS) | 3 | | | Grade of C | Minimum 2.0 GPA in all critical courses |
| Humanities, Fine Arts, & Design (HU) | 3 | | | Grade of C | 1 |
| | 4 | | | | - |
| Natural Science – Quantitative (SQ) or General (SG) General Elective | 3 | | | | - |
| | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | | | 6 1 66 | Minimum 2.0 GPA in all critical courses |
| COM 207: Introduction to Communication Inquiry | 3 | | | Grade of C | Mathematics (MA) completed |
| Historical Awareness (H) | 3 | | | | - |
| Cultural Diversity in the US (C) | 3 | | | | - |
| General Elective | 3 | | | | - |
| General Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | 0 1 10 | |
| COM 308: Empirical Research Methods in Communication (L) | 3 | | | Grade of C | - |
| Statistics course Upper Division (list in DARS) (CS) | 3 | | | Grade of C | 4 |
| COM Elective Upper Division (300 or 400 level) | 3 | | | Grade of C | 4 |
| COM Elective Upper Division (300 or 400 level) Upper Division Humanities, Fine Arts, & Design (HU) or Social and | 3 | | | Grade of C | 4 |
| Behavioral Science (SB) | 3 | \boxtimes | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| COM 309: Rhetorical, Interpretive, and Critical Methods in | | | | | |
| Communication | 3 | | | Grade of C | _ |
| COM 400 Level Elective | 3 | \boxtimes | | Grade of C | |
| COM Elective Upper Division (300 or 400 level) | 3 | \boxtimes | | Grade of C | |
| COM Elective Upper Division (300 or 400 level) | 3 | \boxtimes | | Grade of C | |
| Language & Cultures Global Awareness (G) or | 2 | | | Crada of C | |
| Cultural Diversity (C) ¹ | 3 | \boxtimes | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | 2 | [7] | | Contacto | |
| COM 400 Level Elective | 3 | | | Grade of C | - |
| COM 400 Level Elective Language & Cultures Global Awareness (G) or | 3 | | | Grade of C | - |
| Cultural Diversity (C) ¹ | 3 | \boxtimes | | Grade of C | |
| General Elective | 3 | | | | 1 |
| General Elective | 3 | | | | 1 |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| COM 400 Level Elective | 3 | \boxtimes | | Grade of C | |
| COM 400 Level Elective | 3 | | 1 | | 1 |
| | 3 | | | Grade of C | 1 |
| General Elective | + | | + | + | 1 |
| General Elective | 3 | | | | |

¹ May be substituted with (4) semester hours of a foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.



Major Map: Communication – Bachelor of Science (B.S.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU | Resident Credit for Academic | Major GPA | Total UD Hrs | Total Comm. College |
|-------------------|------------------|------------------------------|------------|--------------|---------------------|
| | (minimum 30) | Recognition (minimum 56) | (2.0 Min.) | (minimum 45) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.
 - o Language and Cultures: This requirement may be satisfied through one of the following:
 - 1. completion of secondary education at a school in which the language of instruction is not English
 - 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
 - 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - 4. 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.
 - 5. completion of two sequential semesters of coursework in a current computer language



Major Map: English – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Trans ☐ MAPP ☐ T | sfer Pathway: CAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|----------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. Not required of transfer students |
| ENG 101 or 102: First-Year Composition OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year |
| Social/Behavioral Science (SB) | 3 | | | | composition courses |
| MAT 142: College Mathematics or higher (MA) | 3 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| MITT 112. Conege Machematics of higher (MIT) | | | | | Complete Math (MA) requirement by end of |
| | | | | | semester 2 |
| Natural Science – Quantitative (SQ) | 4 | | | | Complete First-Year Composition by end of semester 3 |
| TERM TWO: 16-30 CREDIT HOURS | 4 | | | | Semester 3 |
| ENG 101 or 102: First-Year Composition OR | | | | | Mathematics (MA) requirement completed |
| ENG 105: Advanced First-Year Composition OR | | | | | - Mandematics (1911) requirement completed |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Social/Behavioral Science (SB) | 3 | | | | |
| Computer Literacy (CS) | 3 | | | | |
| Science (SQ/SG) | 4 | | | | |
| Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| ENC 200. Cuitical Danding & Writing About Literature (L) | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| ENG 200: Critical Reading & Writing About Literature (L) Complete one course from: | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 01 103 |
| Literature & Culture Before 1860 (Cluster #1)** | 3 | | | | |
| English Elective | 3 | | | | |
| Cultural Diversity (C) | 3 | | | | 1 |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| ENG Elective Upper Division | 3 | \boxtimes | | Grade of C | |
| Complete one course from: | | | | | 7 |
| Literature & Culture After 1860 (Cluster #2)** | 3 | | | | |
| Global Awareness (G) | 3 | | | | |
| English Elective Upper Division | 3 | | | | |
| Elective (Historical Awareness (H) if not already completed) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | <u> </u> | |
| ENG Elective Upper Division "L" | 3 | | | | Language and Cultures: see Additional Notes, page 2 |
| Choose one course from: Literary Theory & Interdisciplinary Studies (Cluster #3)** | 3 | | | | puge 2 |
| Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) | | | | | - |
| if needed ¹ | 3 | | | | |
| English Elective (HU) Upper Division | 3 | \square | | | |
| Elective (Humanities (HU) if not already completed) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | _ | |
| Complete one course from: | 2 | | | | |
| Ethnicity, Gender, & Postcolonality (Cluster #4)** Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) | 3 | \vdash | 1 | 1 | - |
| if needed ¹ | 3 | | | | |
| Elective Upper Division | 3 | ⊠ | | |] |
| Elective Upper Division | 3 | \boxtimes | | | 7 |
| English Elective Upper Division | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Choose one course from: | | | | | |
| Rhetoric, Writing, & Linguistics (Cluster #5)** | 3 | | | | |
| English Elective Upper Division | 3 | | | | 4 |
| Elective Upper Division | 3 | | | | 4 |
| Elective Upper Division | 3 | | | | _ |
| Elective (Humanities (HU) if not already completed) | 3 | | | <u> </u> | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| English Elective Upper Division | 3 | \boxtimes | | | |
| English Elective Upper Division | 3 | \boxtimes | | | |
| Elective Upper Division | 3 | | | | |
| Elective Upper Division | 3 | | | | |
| Elective Upper Division | 3 | \boxtimes | | | |
| | | | | | |

Major Map: English – Bachelor of Arts (B.A.)

New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

¹ May be substituted with (4) semester hours of a foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division course are used.

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU | Resident Credit for Academic | Major GPA | Total UD Hrs | Total Comm. College |
|-------------------|------------------|------------------------------|-------------|--------------|---------------------|
| | (minimum 30) | Recognition (minimum 56) | (2.00 Min.) | (minimum 45) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
 - General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Cultural Diversity in the
 - Global Awareness (G)Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C"
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.

Language and Cultures: This requirement may be satisfied through one of the following:

- 1. completion of secondary education at a school in which the language of instruction is not English
- 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
- 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
- 4. 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.
- 5. completion of two sequential semesters of coursework in a current computer language

**Cluster Requirements:

1) Literature and Culture before 1860:

ENG 201, 202, 221, 241, 303, 305, 315, 321, 328, 356, 416, 418, 421, 423, 424

2) Literature and Culture after 1860:

ENG 204, 222, 242, 329, 330, 342, 353, 354, 359, 386

- 3) Literary Theory and Interdisciplinary Studies:
 - ENG 230, 244, 245, 334, 400, 490, 491
- 4) Ethnicity, Gender, and Postcolonality:

ENG 201, 202, 317, 333, 334, 359, 363, 364, 420, 454, 455, 460, 462, 463, 477

5) Rhetoric, Writing, and Linguistics:

 $ENG\ 210,\ 213,\ 21\overline{4},\ 215,\ 21\overline{6},\ 217,\ 218,\ 219,\ 243,\ 287,\ 288,\ 301,\ 302,\ 307,\ 310,\ 311,\ 312,\ 313,\ 314,\ 317,\ 323,\ 368,\ 374,\ 412,\ 413,\ 420,\ 472,\ 472,\ 473,\$

Additional English major notes:

- Select one course from each distribution cluster. At least two courses must be at the 400-level.
- Check pre-requisites you must complete before enrolling in desired 400-level courses.
- One of the upper division courses in the major must carry a General Studies Literacy & Critical Inquiry "L".
- A grade of "C" or higher is required in all courses taken for the major.
- Up to 4 Writing Certificate courses can be used in both the major and certificate.
- Up to 6 hours of Independent Study, Research Assistantship, or Teaching Apprenticeship may be used as electives.
- PREPARING FOR GRADUATE SCHOOL: Take as many survey and 400-level English courses as possible.



Major Map: Ethnicity, Race, and First Nations Studies -Bachelor of Arts (B.A.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer □ MAPP □TAG | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|--------------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. Not |
| ENG 101 or 102: First-Year Composition OR | | | | | required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition |
| MAT 142: College Mathematics/or higher (MA) | 3 | | | Grade of C | courses |
| Social/Behavioral Science (SB) | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| Humanities/Fine Arts (HU) | 3 | | | | placement in Mathematics course |
| Elective | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ETH 100 Intro to Ethnic Studies (SB & C) | 3 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Social/Behavioral Science (SB) | 3 | | | Grade of C | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Science (SQ) | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Humanities (HU) | 3 | | | | Complete First-Year Composition requirement: |
| Science (SQ or SG) | 4 | | | | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Elective | 3 | | | | |
| Elective Upper Division | 3 | \boxtimes | | | |
| Elective Upper Division | 3 | \boxtimes | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Complete 1 course from: ETH 300: Principles of Ethnic Studies (C) | | | | | |
| ETH 310: Research Methods in Ethnic, Racial, and First | | | | | |
| Nations Populations (SB) | | _ | | | |
| ENG 317: Cross-Cultural Writing (L/HU, G) | 3 | | | Grade of C | |
| Computer Science/Quantitative (CS) One course from one of the four Course Clusters | 3 | | | | |
| Lower Division/Upper Division (list in DARS) | 3 | | | | |
| Historical Awareness (H) | 3 | | | | |
| Elective Upper Division | 3 | \boxtimes | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| Complete 1 additional course from: | | | | | Language and Cultures: see Additional Notes, page |
| ETH 300: Principles of Ethnic Studies (C) ETH 310: Research Methods in Ethnic, Racial, and First Nations | | | | | 2 |
| Populations (SB) | | | | | |
| ENG 317: Cross-Cultural Writing (L/HU, G) One course from one of the four Course Clusters | 3 | | | | |
| Lower Division/Upper Division (list in DARS) | 3 | | | | |
| One course from Career List (list in DARS) | 3 | | | | |
| Language & Cultures : Global Awareness (G) or Cultural Diversity | |] | | | |
| (C)* | 3 | | | | |
| Elective Upper Division | 3 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS Complete remaining course from: | | | | | |
| ETH 300: Principles of Ethnic Studies (C) | | | | | |
| ETH 310: Research Methods in Ethnic, Racial, and First Nations Populations (SB) | | | | | |
| ENG 317: Cross-Cultural Writing (L/HU, G) | 3 | \boxtimes | | | |
| One course from one of the four Course Clusters Upper Division | | | | | |
| (list in DARS) One course from one of the four Course Clusters | 3 | | | | |
| Lower Division/Upper Division (list in DARS) | 3 | | | | |
| One course from Career List (list in DARS) | 3 | | | | |
| Language & Cultures : Global Awareness (G) or Cultural Diversity | 2 | | | | |
| (C)* | 3 | | I | l | |



Major Map: Ethnicity, Race, and First Nations Studies – Bachelor of Arts (B.A.)

New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|---|------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| One course from one of the four Course Clusters Upper Division (list in DARS) | 3 | | | | |
| One course from one of the four Course Clusters Upper Division (list in DARS) | 3 | | | | |
| One course from Career List (list in DARS) | 3 | | | | |
| Elective Upper Division | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| One course from one of the four Course Clusters Upper Division (list in DARS) | 3 | \boxtimes | | | |
| One course from one of the four Course Clusters Upper Division (list in DARS) | 3 | × | | | |
| ETH 484: Internship | 3 | \boxtimes | | | |
| Elective Upper Division | 3 | \boxtimes | | | |

^{*} May be substituted with four (4) semester hours of a foreign language or (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

Graduation Requirements Summary:

| (minimum 30) Recognition (minimum 56) (2.00 Min.) (minimum | |
|--|-------------------------|
| (minimum 30) Recognition (minimum 56) (2.00 Min.) (minimum | (145) Hrs. (maximum 64) |
| | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least
 a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.

Language and Cultures: This requirement may be satisfied through one of the following:

- 1. completion of secondary education at a school in which the language of instruction is not English
- 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
- 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
- 4. 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.
- 5. completion of two sequential semesters of coursework in a current computer language



Major Map: History – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Transf ☐ MAPP ☐ TA | fer Pathway: AG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|------------------------------|-------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course/Grade | Ксцинси | Additional Critical Fracking Polics |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| ENG 101 or 102: First-Year Composition OR | | _ | | | Not required of transfer students |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| Complete Icourse: | | | | | courses |
| HST 109: United States to 1865 (HU/SB & H) OR | | _ | | | ASU Math Placement Exam score determines placement in Mathematics course |
| HST 100: Global History to 1500 (HU, H & G) OR HST 313: American Cultural History to 1865 (SB & H) OR | 3 | | | | Complete Math (MA) requirement by end of |
| HST 102/103/104: Western Civilization (SB & H) | | | | | semester 2 |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | Complete First Year Composition by end of semester 3 |
| Humanities, Fine Arts, & Design (HU) | 3 | | | | |
| General Elective | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | 1 | | | 1 | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | |
| ENG 107 or 108: English for Foreign Students | 3 |] | | Grade of C | |
| Complete 1 set: | | | | | |
| HST 110: United States since 1865 (SB & H) OR HST 101: Global History since 1500 (HU & H & G) OR | 3 | | | | |
| HST 314: American Cultural History since 1865 ((HU/SB & H) OR | | | | | |
| HST 102/103/104:Western Civilization (SB & H) | | | | | |
| Science (SQ/SG) | 4 | | | | |
| Humanities/Fine Arts (HU) | 3 | | | | |
| Computer/Statistics/Quantitative (CS) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS HST Elective | 3 | | | | |
| Cultural Diversity (C) | 3 | | | | |
| Social/Behavioral Science (SB) | 3 | | | | |
| Literacy & Critical Inquiry (L) Rec. PHI 103 | 4 | | | | |
| Natural Science-Quantitative (SQ) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | J | | | | |
| HST 300: Historical Inquiry (L/HU/SB &H) | 3 | ⋈ | | | |
| Upper Division Non-Eur/Non-US HST course | 3 | \boxtimes | | | |
| Global Awareness (G) | 3 | | | | |
| Elective | 3 | ⊠ | | | |
| Elective | 3 | \boxtimes | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| Non-EUR/Non-US HST course Upper Division Critical Literacy (L) with Global (G) or Cultural | 3 | | | | |
| Diversity in the U.S. (C) | 3 | \boxtimes | | | |
| HST related | 3 | | | | |
| Elective | 3 | | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Upper Division HST Elective | 3 | | | | |
| Upper Division HST Elective | 3 | | | | |
| Upper Division Critical Literacy (L) with Global (G) or Cultural Diversity in the U.S. (C) | 3 | \boxtimes | | | |
| HST Related | 3 | | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Upper Division HST elective | 3 | \boxtimes | | | |
| HST Related | 3 | | | | |
| HST Related | 3 | | | | |
| Elective | 3 | ⊠ | | | |
| Elective | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| HST 498: Pro-Seminar (L) | 3 | ⊠ | | | |
| HST Related | 3 | | | | |
| Upper Division Elective | 3 | ⊠ | | | |
| Upper Division Elective | 3 | \boxtimes | | | |



Major Map: History – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Major GPA (2.0 Min.) | Total UD Hrs (minimum 45) | Total Comm. College Hrs. (maximum 64) |
|-------------------|----------------------------------|--|-------------------------|---------------------------|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H)
- First Year Composition

Additional Notes:

There is room in this map to add a concurrent degree, minor, or certificate.



Major Map: Integrative Studies – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transf | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|-----------------|------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | Condo of C | ASU 101 is for ASU freshman students only. |
| ASU 101: The ASU Experience ENG 101 or 102: First-Year Composition OR | 1 | | | Grade of C | Not required of transfer students |
| ENG 105: Advanced First-Year Composition OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition courses |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| Computer Literacy (CS) | 3 | | | | placement in Mathematics course |
| Humanities/Fine Arts (HU) | 3 | | | | Complete First-Year Composition by end of semester 3 |
| Elective | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Natural Science - Quantitative (SQ) | 4 | | | | |
| Humanities/Fine Arts (HU) | 3 | | | | |
| Historical Awareness (H) | 3 | | | | |
| Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Cultural Diversity in the U.S. (C) | 3 | | | Grade of C | Complete First-Year Composition requirement: |
| Literacy & Critical Inquiry (L) | 3 | | | | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Social/Behavioral Science (SB) | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| IAS 300: Adult Career Development (L or SB) | 3 | \boxtimes | | | |
| Natural Science – Quantitative (SQ) or General (SG) | 4 | | | | |
| Global Awareness (G) | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| Social/Behavioral Science (SB) | 3 | | | Grade of C | * May be substituted with four (4) semester hours of |
| Ethical Reflection Course (IAS Core#2) (HU) (list in DARS) | 3 | \boxtimes | | | a foreign language or (2) semesters of a current computer language. Adjustment to upper division |
| Language & Cultures: Global Awareness (G) or Cultural Diversity (C)* | 3 | \boxtimes | | | hours is required if lower division courses are used |
| Elective | 3 | | | | (see pg. 2) |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | ı | i | |
| Diverse Identities Course (IAS Core#3) (list in DARS) | 3 | \boxtimes | | | * May be substituted with four (4) semester hours of a foreign language or (2) semesters of a current |
| IAS Area of Concentration Course Upper Division | 3 | \boxtimes | | | computer language. Adjustment to upper division |
| IAS Area of Concentration Course Upper Division | 3 | \boxtimes | | | hours is required if lower division courses are used |
| Elective Upper Division | 3 | \boxtimes | | | (see pg. 2) |
| Language & Cultures: Global Awareness (G) or Cultural Diversity (C)* | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| IAS Elective Course UD/LD (IAS Core#6) (list in DARS) | 3 | | | | |
| Scientific Mathematical Perspectives (IAS Core#4) (list in DARS) | 3 | \boxtimes | | | |
| IAS Area of Concentration Course Upper Division | 3 | \boxtimes | | | |
| IAS Area of Concentration Course Upper Division | 3 | \boxtimes | | | |
| Elective Upper Division | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| IAS Capstone Course (IAS Core#7) | 3 | \boxtimes | | | |
| Secular & Sacred Worldviews Course LD/UD (IAS Core #5) (list in DARS) | 3 | | | | |
| IAS Area of Concentration Course Upper Division | 3 | \boxtimes | | | |
| IAS Area of Concentration Course Upper Division | 3 | \boxtimes | | | |



Major Map: Integrative Studies – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (minimum | Resident Credit for Academic | Major GPA | Total UD Hrs (minimum | Total Comm. College Hrs. |
|-------------------|---------------------------|------------------------------|-------------|-----------------------|--------------------------|
| | 30) | Recognition (minimum 56) | (2.00 Min.) | 45) | (maximum 64) |
| | | | | | |
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher-level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.

Language and Cultures: This requirement may be satisfied through one of the following:

- 1. completion of secondary education at a school in which the language of instruction is not English
- 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
- 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
- 4. 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.
- 5. completion of two sequential semesters of coursework in a current computer language



Major Map: Interdisciplinary Arts & Performance -Bachelor of Arts (B.A.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | ısfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|--------------------------|----------------------------------|---|
| Course Subject and Title | Hrs. | Upper | Transfer Course/Grade | | Additional Critical Tracking Notes |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | IIIS. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| IAP Foundations course (see below) | 3 | | | | composition courses • ASU Math Placement Exam score determines |
| Historical Awareness (H) | 3 | | | | placement in Mathematics course |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | Complete Math (MA) requirement by end of |
| Elective | 3 | | | | semester 2 Complete First-Year Composition by end of semester 3 |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| IAP Foundations course (see below) | 3 | | | | |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| Social/Behavioral Science (SB) | 3 | | | | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202:Perspectives on Interdisciplinary Arts and Performance | 3 | | | | |
| IAP Foundations course (see below) | 3 | | | | |
| IAP Foundations course (see below) | 3 | | | | |
| Science (SQ/SG) | 4 | | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS IAP 304: Traditions of the Avant-Garde & Experimental Art (L/ HU) | | | | | |
| OR IAP 305: 20th/21st Century Art, Perf., & Media (L/HU) | 3 | | | | |
| IAP 325: Sound Performance | 3 | \boxtimes | | | |
| Cultural Diversity in the U.S. (C) | 3 | | | | |
| Humanities (HU) | 3 | | | | |
| Global Awareness (G) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | 1 | i | |
| IAP 334: Conceptual Development in the Arts | 3 | \boxtimes | | | |
| IAP 354: Visual Representation | 3 | | | | |
| Upper Division IAP elective | 3 | | | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | | | |
| Humanities (HU) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | | | | |
| IAP 361: Digital Editing & Media Literacy (CS) | 3 | | | | |
| Upper Division IAP Elective | 3 | $oxed{\boxtimes}$ | | | |
| Upper Division IAP Elective Language & Cultures requirement (C/G) | 3 | | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 3 | | | | |
| IAP 375 (IAP 394) Performance: Contemporary Theories and Practice | 3 | \boxtimes | | | |
| Upper Division IAP Elective | 3 | \boxtimes | | | |
| Language & Cultures requirement (C/G) | 3 | \boxtimes | | | |
| HU or SB UD | 3 | \boxtimes | | | |
| Social and Behavioral Science (SB) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| IAP 480: Senior Project | 3 | \boxtimes | | | |
| Upper Division IAP | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |



Major Map: Interdisciplinary Arts & Performance -Bachelor of Arts (B.A.)

New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU | Resident Credit for Academic | Major GPA | Total UD Hrs | Total Comm. College |
|-------------------|------------------|------------------------------|------------|--------------|---------------------|
| | (minimum 30) | Recognition (minimum 56) | (2.0 Min.) | (minimum 45) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

- There is room in this map to add a concurrent degree, minor, or certificate.
- Foundations courses:
 - IAP 101: Art, Artist & Culture (HU)
 - IAP 102: Foundations I: Performance Techniques and Composition
 - IAP 103: Foundations I: Interdisiplinary Digital Media
 - IAP 104: Foundations I: Fundamentals of Sound Art 0
 - IAP 105: Foundations I: Fundamentals of Interdisciplinary Art
 - **IAP 294: Special Topics**



Major Map: Life Sciences – Bachelor of Science (B.S.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer I | | Completed General Education: |
|--|--------|-------------|------------------------|-----------------------------|---|
| Course Subject and Title | | Upper | ☐ MAPP ☐ TAG Transfer | □ATP □None Minimum Grade if | □AGEC □IGETC/CSUGE □None |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | ASU 101 is for ASU freshman students only Not |
| ASU 101: The ASU Experience Complete 2 courses from: | 1 | | | | required of transfer students |
| BIO 181: General Biology I -4 (SQ) or | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| BIO 100: The Living World - 4 (SQ) • BIO 182: General Biology II - 4 (SQ) | | | | | courses |
| CHM 113: General Chemistry I (SQ) – 4) or | | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| CHM 101: Introductory Chemistry – 4 (SQ) • CHM 116: General Chemistry II – 4 (SQ) | 4 or | | | | BIO181 & 182 must be completed by end of term 3 |
| • MAT 210: Brief Calculus – 3 (MA) or MAT270 Calculus I | 3 | | | Grade of C | CHM 113 & 116 must be completed by end of term 3 |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete 1 additional course from: BIO181: General Biology I -4 (SQ) or | | | | | BIO 181 & 182 must be completed by end of term 3 CHM 113 & 116 must be completed by end of term 3 |
| BIO 182: General Biology II – 4 (SQ) or | | | | | CTIM 113 & 110 mast be completed by that of term 5 |
| CHM 113: General Chemistry I (SQ) – 4) or CHM 116: General Chemistry II – 4 (SQ) | 4 or | | | | |
| MAT 210: Brief Calculus – 3 (MA) or MAT270 Calculus I | 3 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete remaining courses from: BIO 182: General Biology II – 4 (SQ) or | 4 or 3 | | | Grade of C | BIO 181 & 182 must be completed by end of term 3 CHM 113 & 116 must be completed by end of term 3 |
| • CHM 116: General Chemistry II – 4 (SQ) | 3 | | | | Complete First-Year Composition by the end of |
| • MAT 210: Brief Calculus – 3 (MA) or MAT270 Calculus I | 4 or 3 | | | Crada af C | semester 3 |
| Complete 1 course from: | 3 | J | | Grade of C | |
| LSC 347/348: Fundamentals of Genetics/ Laboratory or | | | | | |
| BIO353/354: Cell Biology/ Laboratory or BIO320/LSC322: Fundamentals of Ecology/ Laboratory | 4 | \boxtimes | | Grade of C | |
| Social & Behavioral Science (SB) | 3 | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Complete 1 course from: LSC 347/348: Fundamentals of Genetics/ Laboratory or | | | | | |
| BIO 353/354: Cell Biology/ Laboratory or | | | | | |
| BIO320/LSC322: Fundamentals of Ecology/ Laboratory CHM 234/238: General Organic Chemistry II/Laboratory or | 4 | \boxtimes | | Grade of C | |
| CHM 233/237: General Organic Chemistry I/Laboratory | 3/1 | | | Grade of C | |
| Social & Behavioral Science (SB) | 3 | | | | |
| Elective | 3 | \boxtimes | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | Language and Cultures: see Additional Notes, below |
| Complete remaining course(s) from: LSC 347/348: Fundamentals of Genetics/ Laboratory or | | | | | Language and Cultures: see Additional Notes, below |
| BIO 353/354: Cell Biology/ Laboratory or | | | | | |
| BIO 320/LSC322: Fundamentals of Ecology/ Laboratory Complete remaining course from: | 4 | | | Grade of C | |
| CHM 234/238: General Organic Chemistry II/Laboratory or | | _ | | | |
| CHM 233/237: General Organic Chemistry I/Laboratory | 3/1 | | | | |
| PHY 111/113: General Physics/Laboratory Language and Cultures: Global Awareness (G) | 3/1 | | | | |
| Cultural Diversity (C) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| PHY 112/114: General Physics/Laboratory | 3/1 | | | | Language and Cultures: see Additional Notes, below |
| Language and Cultures (G) Cultural Diversity (C) | 3 | | | | |
| Distribution Course (see DARS) | 4 | \boxtimes | | | 1 |
| Major Elective Course | 3 | \boxtimes | | | |
| Upper division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |



Major Map: Life Sciences – Bachelor of Science (B.S.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| BIO 415 : Biometry or General Elective (CS) required if student completed MAT 210 OR BIO 415 or any Computer/Statistics/Quantitative applications (CS) course if student completed MAT 270/271 | 4 or | | | Grade of C | |
| Awareness Area (H, C, G) or General Elective | 3 | | | Grade of C | † |
| Distribution Course (see DARS) | 1 | | | | + |
| Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | | | | |
| Major Course Elective | 3 | \boxtimes | | | 1 |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Awareness Area (H, C, G) or Elective | 3 | | | | |
| Awareness Area (H, C, G) | 3 | | | | 1 |
| Distribution Course (see DARS) | 4 | \boxtimes | | |] |
| Major Elective Course | 3 | Ø | | | |

Graduation Requirements Summary:

| Total Hours (minimum 120) | Total UD Hrs (minimum 50) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Hrs Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (64 Max) |
|------------------------------|------------------------------|----------------------------------|--------------------------|----------------------------------|---|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a
 pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- A minimum of 12 upper-division semester hours in the major must be taken in campus resident credit. No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.
 - o Language and Cultures: This requirement may be satisfied through one of the following:
 - 1. completion of secondary education at a school in which the language of instruction is not English
 - 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
 - 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - 4. 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.
 - 5. completion of two sequential semesters of coursework in a current computer language



Major Map: Political Science – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|--------------------------|---------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1110. | Bivision | Course Grade | recuired | Additional Critical Hacking Forces |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. Note that the state of the state o |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition |
| Complete 1 course from: | | | | | courses ASU Math Placement Exam score determines |
| POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G)/POS 160: Global | | | | | placement in Mathematics course |
| Politics (SB,G) | 3 | | | Grade of C | Complete First Year Composition by end of semester 3 |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | Minimum 2.0 GPA in all critical courses |
| Related course work (ASB, COM, CRJ, ECN, GCU, HST, PGS, POS, SBS, SOC, WST) | 3 | | | Grade of C | |
| General Elective | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | , | 1 | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Natural Science – Quantitative (SQ) or General (SG) | 4 | | | Grade of C | |
| Humanities, Fine Arts, & Design (HU) | 3 | | | | |
| Related course work (ASB, COM, CRJ, ECN, GCU, HST, PGS, POS, SBS, SOC, WST) | 3 | | | Grade of C | |
| General Elective | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete 1 course from: | | | | | Complete First-Year Composition requirement |
| POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G)/POS 160: Global | | | | | Minimum 2.0 GPA in all critical courses |
| Politics (SB,G) OR | | _ | | | |
| POS 210: Political Ideologies (SB) | 3 | | | Grade of C | |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| Cultural Diversity (C) General Elective | 2 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | | | | |
| Complete remaining course from: | | | | | Minimum 2.0 GPA in all critical courses |
| POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G)/POS 160: Global | | | | | |
| Politics (SB,G) OR | | | | | |
| POS 210: Political Ideologies (SB) | 3 | | | Grade of C | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Humanities, Fine Arts, & Design (HU) Related course work | 3 | | | | |
| (ASB, COM, CRJ, ECN, GCU, HST, PGS, POS, SBS, SOC, WST) | 3 | | | Grade of C | |
| General Elective | 1 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods | 3 | \boxtimes | | Grade of C | |
| POS Upper Division Elective | 3 | ⊠ | | Grade of C | |
| POS Upper Division Elective | 3 | ⊠ | | Grade of C | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| General Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| POS Upper Division Elective | 3 | ⊠ | | Grade of C | |
| POS Upper Division Elective | 3 | | | Grade of C | |
| Literacy & Critical Inquiry Upper Division (L) Related course work | 3 | \boxtimes | | | |
| (ASB, COM, CRJ, ECN, GCU, HST, PGS, POS, SBS, SOC, WST) | 3 | | | Grade of C | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Languages & Cultures: Global Awareness (G) or Cultural Diversity (C)* | 3 | | | Grade of C | *May be substituted with (4) semester hours of a foreign language or (2) semesters of a current |
| POS Upper Division Elective | 3 | ⊠ | | Grade of C | computer language. Adjustment to upper division |
| Upper Division General Elective | 3 | ⊠ | | | hours is required if lower division courses are used (see pg. 2). |
| Related course work | _ | | | | Language and Cultures: see Additional Notes, |
| (ASB, COM, CRJ, ECN, GCU, HST, PGS, POS, SBS, SOC, WST) | 3 | | | Grade of C | page 2 |
| General Elective | 3 | | | | |



Major Map: Political Science - Bachelor of Arts (B.A.)

New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|------|-------------|--------------|------------------|---|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Languages & Cultures: Global Awareness (G) or Cultural Diversity | | | | | *May be substituted with (4) semester hours of a |
| (C)* | 3 | \boxtimes | | Grade of C | foreign language or (2) semesters of a current |
| POS Upper Division Elective | 3 | \boxtimes | | Grade of C | computer language. Adjustment to upper division |
| Upper Division General Elective | 3 | \boxtimes | | | hours is required if lower division courses are used (see pg. 2). |
| Upper Division General Elective | 3 | \boxtimes | | | 150, -), |
| General Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Major GPA (2.00 Min.) | Total UD Hrs (minimum 45) | Total Comm. College Hrs. (maximum 64) |
|-------------------|-------------------------------|--|--------------------------|---------------------------|---------------------------------------|
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - 0 Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.

Language and Cultures: This requirement may be satisfied through one of 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;
- 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.
- completion of two sequential semesters of coursework in a current computer language



Major Map: Political Science – Bachelor of Science (B.S.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: ☐TAG ☐ATP ☐None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|--------------------------|------------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course/Grade | William Grade if Required | Additional Critical Flacking Poles |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| ENG 101 or 102: First-Year Composition OR | | | | | Not required of transfer students |
| ENG 105: Advanced First-Year Composition OR | 2 | | | Contact C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ENG 107 or 108: English for Foreign Students Complete 1 course from: | 3 | | | Grade of C | composition courses |
| POS 110: Government and Politics (SB) OR | | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| POS 150: Comparative Government (SB, G)/POS 160: Global | | | | | Complete First-Year Composition by end of |
| Politics (SB,G) OR POS 210: Political Ideologies (SB) | 3 | | | Grade of C | semester 3 |
| MAT 142 College Mathematics or higher (MA) | 3 | | | Grade of C | |
| Related course work | | _ | | | |
| (ASB, COM, CRJ, ECN, GCU, HST, PGS, POS, SBS, SOC, WST) | 3 | | | Grade of C | |
| General Elective | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 or 102: First-Year Composition OR | | | ı | | ı |
| ENG 101 of 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Natural Science – Quantitative (SQ) or General (SG) | 4 | | | | |
| Humanities/Fine Arts (HU) | 3 | | | | |
| Historical Awareness (H) | 3 | | | | |
| General Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete 1 additional course from: POS 110: Government and Politics (SB) OR | | | | | Complete First-Year Composition requirement |
| POS 150: Comparative Government (SB, G)/POS 160: Global | | | | | |
| Politics (SB,G) OR | | _ | | | |
| POS 210: Political Ideologies (SB) | 3 | | | Grade of C | - |
| Natural Science – Quantitative (SQ) | 4 | | | | - |
| Cultural Diversity in the US Awareness (C) Related course work | 3 | | | | - |
| (ASB, COM, CRJ, ECN, GCU, HST, PGS, POS, SBS, SOC, WST) | 3 | | | Grade of C | |
| General Elective | 2 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Complete remaining course from: | | | | | |
| POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G)/POS 160: Global | | | | | |
| Politics (SB,G) OR | | | | | |
| POS 210: Political Ideologies (SB) | 3 | | | Grade of C | _ |
| Literacy & Critical Inquiry (L) | 3 | | | | _ |
| Humanities/Fine Arts (HU) | 3 | | | | - |
| General Elective | 3 | | | | - |
| General Elective | 1 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | | | 0 1 60 | |
| SBS 302: Qualitative Methods | 3 | | | Grade of C | - |
| SBS 304: Social Statistics I (CS) | 3 | | | Grade of C | - |
| POS Upper Division Elective Upper Division General Elective | 3 | | | Grade of C | |
| General Elective | 3 | | | | 1 |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| SBS 303: Quantitative Methods | 3 | \boxtimes | | Grade of C | |
| POS Upper Division Elective | 3 | | | Grade of C | 1 |
| POS Upper Division Elective | 3 | ⊠ | | Grade of C | 1 |
| Literacy & Critical Inquiry Upper Division (L) | 3 | ⊠ | | Grade of C | 1 |
| Related course work | | | | | 1 |
| (ASB, COM, CRJ, ECN, GCU, HST, PGS, POS, SBS, SOC, WST) | 3 | | | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | 1 M 1 1 2 4 1 2 4 2 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) ¹ | 3 | \boxtimes | | Grade of C | 1 May be substituted with (4) semester hours of a foreign language or two (2) semesters of a |
| POS Upper Division Elective | 3 | | | Grade of C | current computer language. Adjustment to |
| POS Upper Division Elective | 3 | | | Grade of C | upper division hours is required if lower |
| Related course work | | | | | division course are used. (see notes page 2) |
| (ASB, COM, CRJ, ECN, GCU, HST, PGS, POS, SBS, SOC, WST) | 3 | | | Grade of C | _ |
| General Elective | 3 | ı □ | I | 1 | 1 |



Major Map: Political Science - Bachelor of Science (B.S.)

New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Chitical Tanadana Natao |
|---|------|-------------------|--------------------------|------------------------------|---|
| (courses in bold/shading are critical) TERM EIGHT: 106-120 CREDIT HOURS | HIS. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) ¹ | 3 | \boxtimes | | Grade of C | ¹ May be substituted with (4) semester hours of a foreign language or two (2) semesters of a current |
| POS Upper Division Elective | 3 | | | Grade of C | computer language. Adjustment to upper division |
| Upper Division General Elective | 3 | \boxtimes | | | hours is required if lower division course are used. (see notes page 2) |
| Upper Division General Elective | 3 | \boxtimes | | | p |
| General Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Major GPA (2.00 Min.) | Total UD Hrs (minimum 45) | Total Comm. College Hrs. (maximum 64) |
|-------------------|----------------------------------|--|--------------------------|------------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) Ο
 - Global Awareness (G)
 - Historical Awareness (H) Ο
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.
 - Language and Cultures: This requirement may be satisfied through one of 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;
 - 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.
 - completion of two sequential semesters of coursework in a current computer language



Major Map: Psychology – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|-------------------|--|------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | 333 333 | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. Not | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | | | | Grade of C | required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition | |
| PGS 101: Introduction to Psychology (SB) | | | | Grade of C | courses ASU Math Placement Exam score determines | |
| EDT 180: Computer Literacy (CS) OR CSE 185: Intro to Web Development (CS) Global Awareness (G) Preparatory math course (MAT 117) or General Elective: | | | | | placement in Mathematics course Complete Math (MA) requirement by end of semester 2 | |
| | | | | | Complete First-Year Composition by end of semester 3 | |
| | | | | Grade of C in math course | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| MAT 119: Finite Mathematics (MA) | 3 | | | Grade of C | Complete Math (MA) requirement by end of semester 2 | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | | | | Grade of C | | |
| Cultural Diversity in the US (C) | 3 | | | | | |
| Social and Behavioral Science (SB) | 3 | | | | | |
| Natural Science - Quantitative (SQ) | 4 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| PSY 230: Introduction to Statistics (CS) | 3 | | | Grade of C | Complete First-Year Composition requirement | |
| Historical Awareness (H) | 3 | | | | | |
| Humanities, Fine Arts, & Design (HU): | 3 | | | | | |
| Natural Science - Quantitative (SQ) or General (SG) | 4 | | | | | |
| General Elective | 3 | | | Grade of C | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | ı | | | |
| PSY 290: Research Methods (L or SG) | | | | Grade of C | See advisor for Related Field elective course options | |
| Humanities, Fine Arts, and Design (HU): | 3 | | | | | |
| Related Field Elective | | | | Grade of C | | |
| Related Field Elective | 3 | | | Grade of C | | |
| General Elective | 3 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS Social Development core (select 1) PGS 315: Personality Theory/Research (SB) PGS 341: Developmental Psychology (SB) PGS 350: Social Psychology (SB) | 3 | \boxtimes | | Grade of C | | |
| Neuroscience core (select 1) PSY 320: Learning and Motivation PSY 323: Sensation and Perception PSY 324: Memory and Cognition PSY 325: Physiological Psychology | 3 | \boxtimes | | Grade of C | | |
| Upper Division Related Field Elective | 3 | \boxtimes | | Grade of C | | |
| Upper Division General Elective | 3 | \boxtimes | | | | |
| General Elective | 3 | | | | | |
| TERM SIX: 76-90 CREDIT HOURS Neuroscience core (select one not taken above) PSY 320, PSY 323, PSY 324, PSY 325, PSY 330 (CS), PSY 369 or PSY 470 | 3 | \boxtimes | | Grade of C | | |
| PGS/PSY course (Cluster list in DARS) | 3 | \boxtimes | | Grade of C | | |
| Literacy and Critical Inquiry Upper Division (L) | 3 | \boxtimes | | | | |
| Related Field Elective | 3 | | | Grade of C | | |
| Upper Division General Elective | 3 | \boxtimes | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| PGS/PSY course (Cluster list in DARS) | 3 | \boxtimes | | Grade of C | Language and Cultures: see Additional Notes, below | |
| PGS/PSY course (Cluster list in DARS) | 3 | \boxtimes | | Grade of C | | |
| Language & Cultures Global Awareness (G) or Cultural Diversity (C) ¹ | 3 | | | Grade of C | | |
| General Elective | 3 | | | | | |
| Upper Division General Elective | 3 | \boxtimes | | | | |



Major Map: Psychology – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|--|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| PGS/PSY course (Cluster list in DARS) | 3 | \boxtimes | | Grade of C | Language and Cultures: see Additional Notes, below |
| Language & Cultures Global Awareness (G) or Cultural Diversity (C) ¹ | 3 | | | Grade of C | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| Upper Division General Elective | 2 | \boxtimes | | | |

¹ May be substituted with (4) semester hours of a foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division course are used.

Graduation Requirements Summary:

| Total Hours (minimum 120) | Total UD Hrs (minimum 50) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Hrs Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (64 Max) |
|------------------------------|------------------------------|----------------------------------|-----------------------------|----------------------------------|---|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Psychology Requirement:

• The Psychology major requires two lab science courses. Students can not satisfy the University General Studies Requirement of Natural Science-General (SG) with PSY 290.

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.
 - o Language and Cultures: This requirement may be satisfied through one of the following:
 - 1. completion of secondary education at a school in which the language of instruction is not English
 - 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
 - 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - 4. 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.
 - 5. completion of two sequential semesters of coursework in a current computer language



Course Subject and Title (courses in **bold/shading** are critical)

TERM ONE: 0-15 CREDIT HOURS

Major Map: Psychology – Bachelor of Science (B.S.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

Competed Transfer Pathway:

☐ MAPP ☐ TAG ☐ ATP Completed General Education:
□AGEC □IGETC/CSUGE □None □None Upper Division Transfer Minimum Grade if Additional Critical Requirement Notes Course/Grade Required ASU 101 is for ASU freshman students only.

| TERM ONE: 0-15 CREDIT HOURS | 1 | 1 | | ACTION C ACTION 1 |
|---|---|-------------|-------------------|---|
| ASU 101: The ASU Experience | 1 | | | ASU 101 is for ASU freshman students only. Not required of transfer students |
| ENG 101 or 102: First-Year Composition OR | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 2 | | Grade of C | determines placement into first-year |
| | 3 | • | 0.1.60 | composition courses |
| PGS 101: Introduction to Psychology (SB) | 3 | | Grade of C | ASU Math Placement Exam score determines |
| EDT 180: Computer Literacy (CS) OR CSE 185: Intro to Web Development (CS) | 3 | | | placement in Mathematics course |
| CSE 183. Initio to web Development (CS) | | | | Complete First-Year Composition by end of |
| Preparatory math course (MAT 117 or MAT 170) or General | | | Grade of C in MAT | semester 3 |
| Elective | 3 | | course | |
| TERM TWO: 16-30 CREDIT HOURS | , | | oo arse | |
| | 2 | | 0 1 60 | Complete Math (MA) requirement by end of |
| MAT 210: Brief Calculus (MA) ENG 101 or 102: First-Year Composition OR | 3 | | Grade of C | semester 2 |
| ENG 105: Advanced First-Year Composition OR | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | Grade of C | |
| Natural Science-Quantitative (SQ) | 4 | | Grade of C | |
| Social and Behavioral Science (SB) | 3 | | | |
| Cultural Diversity in the US (C) | 3 | | | 1 |
| | ر | | | <u></u> |
| TERM THREE: 31-45 CREDIT HOURS | 2 | | 0.1.60 | Complete First-Year Composition requiremen |
| PSY 230: Introduction to Statistics (CS) | 3 | | Grade of C | Complete 1 list-1 car Composition requiremen |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | Grade of C | 4 |
| Humanities, Fine Arts, & Design (HU) | 3 | | | _ |
| Natural Science Quantitative (SQ) or General (SG) See note | | | | |
| regarding Sciences below | 4 | | Grade of C | - |
| General Elective | 3 | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | |
| PSY 290: Research Methods (L/SG) | 4 | | Grade of C | _ |
| Related Field Elective | 3 | | | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | |
| Historical Awareness (H) | 3 | | | |
| Global Awareness (G) | 3 | | | 7 |
| TERM FIVE: 61-75 CREDIT HOURS | | | | |
| Social Development core (select 1) | | | | |
| PGS 315: Personality Theory/Research (SB) | | | | |
| PGS 341: Developmental Psychology (SB) | | _ | | |
| PGS 350: Social Psychology (SB) | 3 | | Grade of C | |
| Neuroscience core (select 1) PSY 320: Learning and Motivation | | | | |
| PSY 323: Sensation and Perception | | | | |
| PSY 324: Memory and Cognition (SB) | | | | |
| PSY 325: Physiological Psychology | 3 | \boxtimes | Grade of C | _ |
| PGS/PSY cluster course (list in DARS) | 3 | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG) See note | | | | |
| regarding sciences below | 4 | | Grade of C | 4 |
| General Elective | 3 | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | |
| Neuroscience core (select one not taken above) | | | | |
| PSY 320, PSY 323, PSY 324, PSY 325, PSY 330 (CS), PSY 369 or PSY 470 | 3 | | Grade of C | |
| PGS/PSY cluster course (list in DARS) | 3 | | Grade of C | ╡ |
| ` , | 3 | | Grade of C | ┥ |
| Literacy and Critical Inquiry Upper Division (L) | | | | - |
| Upper Division General Elective | 3 | | | - |
| Upper Division General Elective | 3 | \boxtimes | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | 101 |
| PGS/PSY cluster course (list in DARS) | 3 | \boxtimes | Grade of C | Language and Cultures: see Additional Notes. |
| PGS/PSY cluster course (list in DARS) | 3 | ⊠ | Grade of C | |
| Languages & Cultures: Global Awareness (G) or Cultural | | | | |
| Diversity (C) ¹ | 3 | | Grade of C | 4 |
| Upper Division General Elective | 3 | \boxtimes | | |
| | | | | |

Hrs.



Major Map: Psychology – Bachelor of Science (B.S.) New College of Interdisciplinary Arts & Sciences | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|--|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Languages & Cultures: Global Awareness (G) or Cultural | | | | | Language and Cultures: see Additional Notes. |
| Diversity (C) ¹ | 3 | ⊠ | | Grade of C | |
| Upper Division Related Field Elective | 3 | \boxtimes | | Grade of C | |
| Upper Division General Elective | 3 | \boxtimes | | | |
| Upper Division General Elective | 3 | \boxtimes | | | |

¹ May be substituted with (4) semester hours of a foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division course are used.

Graduation Requirements Summary:

| Total Hours (minimum 120) | Total UD Hrs (minimum 50) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Hrs Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (64 Max) |
|------------------------------|------------------------------|----------------------------------|--------------------------|----------------------------------|---|--------------------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Psychology Requirement:

 The Psychology major requires two lab science courses in addition to those used for the University General Studies requirement; one life science course from Biology, Microbiology, or Zoology; one physical science lab course from Astronomy, Chemistry, Geology, or Physics. Students can not satisfy the University General Studies Requirement of Natural Science-General (SG) with PSY 290.

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least
 a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.
 - o Language and Cultures: This requirement may be satisfied through one of the following:
 - 1. completion of secondary education at a school in which the language of instruction is not English
 - 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
 - 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - 4. 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.
 - 5. completion of two sequential semesters of coursework in a current computer language



Major Map: Religion & Applied Ethics Studies -Bachelor of Arts (B.A.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------------|--------------------------|---------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | Orace of C | composition courses |
| MAT 142: College Mathematics (MA) | 3 | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| General elective | 3 | | | | placement in manifestation |
| General elective | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students Complete 1 course from: | 3 | | | Grade of C | |
| PHI 101: Introduction to Philosophy (HU) or REL 100: Religions of the World (HU &G) or Literacy & Critical Inquiry (L) (if ENG 101 or equivalent completed) | 3 | | | Grade of C | |
| Natural Science-Quantitative (SQ) | 4 | | | 0.000 | |
| General elective | 3 | | | | |
| General elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete 1 additional course from: PHI 101: Introduction to Philosophy (HU) or REL 100: Religions of the World (HU &G) or Literacy & Critical Inquiry (L) (if ENG 101 or equivalent | |] | | | First-Year Composition Completed Math requirement (MA) completed |
| completed) | 3 | | | Grade of C | |
| Cultural Diversity in the US (C) | 3 | | | Grade of C | |
| Social/Behavioral Science (SB) | 3 | | | | |
| General elective | 3 | | | | |
| General elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS Complete remaining course from: PHI 101: Introduction to Philosophy (HU) or REL 100: Religions of the World (HU &G) or | 3 | | | Cook of C | |
| Literacy & Critical Inquiry (L) Social & Behavioral Science (SB) | 3 | | | Grade of C | |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| General elective | 3 | | | | |
| General elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| PHI 318: Philosophy of Religion (HU) | 3 | \boxtimes | | | Language and Cultures: see Additional Notes, |
| REL 310: Western Religious Traditions (HU, H) | 3 | ⊠ | | | page 2 |
| Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed | 3 | | | | |
| Religion & Applied Ethics Studies course | 3 | | | | |
| Upper division general elective | 3 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS REL 300: Research, Writing, and Thinking in Religion and Applied Ethics (L or HU) | 3 | M | | | Language and Cultures: see Additional Notes, page 2 |
| Religion & Applied Ethics Studies course | 3 | | | | page 2 |
| Upper division Applied Ethics course (list in DARS) | 3 | | | | |
| Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed | 3 | | | | |
| Upper division general elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| REL 345: Asian Religious Traditions (HU, G) | 3 | \boxtimes | | | |
| REL 484: Internship | 3 | \boxtimes | | | |
| Upper division REL course | 3 | \boxtimes | | | |
| Religion & Applied Ethics Studies course | 3 | | | | |
| Upper division Applied Ethics course (list in DARS) | 3 | \boxtimes | | | |



Major Map: Religion & Applied Ethics Studies – Bachelor of Arts (B.A.)

New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|------|-------------|--------------|------------------|---------------------------------------|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| REL 490: Senior Thesis | 3 | \boxtimes | | | |
| Upper division Applied Ethics course (list in DARS) | 3 | \boxtimes | | | |
| Upper division REL course | 3 | \boxtimes | | | |
| Upper division REL course | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU | Resident Credit for Academic | Major GPA | Total UD Hrs | Total Comm. College |
|-------------------|------------------|------------------------------|-------------|--------------|---------------------|
| | (minimum 30) | Recognition (minimum 56) | (2.00 Min.) | (minimum 45) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject of the major unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.

Language and Cultures: This requirement may be satisfied through one of the following:

- 1. completion of secondary education at a school in which the language of instruction is not English
- 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
- 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
- 4. 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.
- 5. completion of two sequential semesters of coursework in a current computer language



Major Map: Sociology – Bachelor of Arts (B.A.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

| | | | | nsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------------|--------------------------|-----------------------------------|---|
| Course Subject and Title | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | HIS. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| ENG 101 or 102: First-Year Composition OR | | | | | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year |
| SOC 101: Introductory Sociology (SB) | , | | | Grade of C | composition courses |
| transfer students take SOC 301: Principles of Sociology (SB) | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| Natural Science – Quantitative (SQ) or General (SG) | 4 | | | | parent in Maniemanes course |
| Historical Awareness (H) | 3 | | | | |
| MAT 142: College Mathematics or higher (MA) | 3 | | | Grade of C | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | Complete mathematics requirement |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts, & Design (HU) | 3 | | | | |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| Related Field Course work | 3 | | | Grade of C | |
| General Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 2 | | | | Complete First-Year Composition requirement |
| Literacy & Critical Inquiry (L) | 3 | | - | | Complete 1 iist-1 car Composition requirement |
| Humanities, Fine Arts, & Design (HU) Related Field course work | 3 | | | Grade of C | |
| General Elective | 3 | | | Grade of C | |
| TERM FOUR: 46-60 CREDIT HOURS | , | | | | |
| SBS 304: Social Statistics I (CS) OR | | | | | |
| SOC 390: Social Statistics I (CS) | 3 | | | Grade of C | |
| Related Field Course work | 3 | | | Grade of C | |
| Global Awareness (G) | 3 | | | | |
| Cultural Diversity (C) | 3 | | | | |
| General Elective TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| SBS 302: Qualitative Methods or SBS 303: Quantitative Methods or | | | | | |
| SOC 391: Sociological Research (L/SB) | 3 | | | Grade of C | |
| SOC Upper Division Elective | 3 | \boxtimes | | Grade of C | |
| SOC Elective | 3 | | | Grade of C | |
| Upper Division General Elective | 3 | | | | |
| General Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS SOC Upper Division Elective | 3 | | | Grade of C | ¹ May be substituted with (4) semester hours of a |
| SOC Upper Division Elective | 3 | | | Grade of C | foreign language or two (2) semesters of a current |
| Literacy & Critical Inquiry Upper Division (L) | 3 | | | Grade of C | computer language. Adjustment to upper division hours is required if lower division course are used |
| Language & Cultures: Global Awareness (G) or | | | | | (see Additional Notes, page 2). |
| Cultural Diversity (C) ¹ | 3 | | | Grade of C | |
| General Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS SOC 486: Contemporary Theory (SB) or | | | | | ¹ May be substituted with (4) semester hours of a |
| SOC 488: History of Social Thought (SB) | 3 | | | Grade of C | foreign language or two (2) semesters of a current |
| SOC Upper Division Elective | 3 | \boxtimes | | Grade of C | computer language. Adjustment to upper division |
| Language & Cultures: Global Awareness (G) or | 2 | [Z] | | Crada of C | hours is required if lower division course are used (see Additional Notes, page 2). |
| Cultural Diversity (C) ¹ Related Field Course work | 3 | | | Grade of C | |
| | 3 | | | Grade of C | 1 |
| Upper Division General Elective TERM EIGHT: 106-120 CREDIT HOURS | 3 | | | | |
| SOC Upper Division Elective | 3 | \boxtimes | | Grade of C | |
| Related Field Course work | 3 | | | Grade of C | |
| Upper Division General Elective | 3 | | | Grade of C | |
| Upper Division General Elective | 3 | | | | |
| General Elective | 3 | | 1 | | 1 |



Major Map: Sociology – Bachelor of Arts (B.A.)

New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU | Resident Credit for Academic | Major GPA | Total UD Hrs | Total Comm. College |
|-------------------|------------------|------------------------------|-------------|--------------|---------------------|
| | (minimum 30) | Recognition (minimum 56) | (2.00 Min.) | (minimum 45) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
 - General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.
 - o Language and Cultures: This requirement may be satisfied through one of the following:
 - 1. completion of secondary education at a school in which the language of instruction is not English
 - 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
 - 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - 4. 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.
 - 5. completion of two sequential semesters of coursework in a current computer language

Updated: 7/1/10



Major Map: Sociology – Bachelor of Science (B.S.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

Completed General Education: Competed Transfer Pathway: □AGEC □IGETC/CSUGE □None \square MAPP □TAG □ATP Course Subject and Title Upper Minimum Grade if Required Additional Critical Tracking Notes (courses in bold/shading are critical) Division Course/Grade **TERM ONE: 0-15 CREDIT HOURS** ASU 101 is for ASU freshman students only. ASU 101: The ASU Experience 1 Not required of transfer students ENG 101 or 102: First-Year Composition OR An SAT, ACT, Accuplacer, or TOEFL score ENG 105: Advanced First-Year Composition OR determines placement into first-year ENG 107 or 108: English for Foreign Students 3 Grade of C composition courses SOC 101: Introductory Sociology (SB) ASU Math Placement Exam score determines transfer students take SOC 301: Principles of Sociology (SB) Grade of C placement in Mathematics course Natural Science - Quantitative (SQ) or General (SG) 4 Historical Awareness (H) 3 3 Grade of C MAT 142: College Mathematics or higher (MA) **TERM TWO: 16-30 CREDIT HOURS** ENG 101 or 102: First-Year Composition OR · Complete mathematics requirement ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students П Grade of C 3 Humanities, Fine Arts, & Design (HU) 4 Natural Science - Quantitative (SQ) Related Field Course work 3 Grade of C General Elective 3 П **TERM THREE: 31-45 CREDIT HOURS** 3 • Complete First-Year Composition requirement Literacy & Critical Inquiry (L) П 3 Humanities, Fine Arts, & Design (HU) Related Field Course work 3 Grade of C General Elective 3 П **TERM FOUR: 46-60 CREDIT HOURS** SBS 304: Social Statistics I (CS) OR SOC 390: Social Statistics I (CS) \boxtimes Grade of C 3 Related Field Course work Grade of C Global Awareness (G) 3 Cultural Diversity (C) 3 General Elective 3 **TERM FIVE: 61-75 CREDIT HOURS** Complete 1 course from. SBS 302: Qualitative Methods SBS 303: Quantitative Methods/SOC 391: Sociological Research (SB) \boxtimes Grade of C SOC Upper Division Elective 3 \boxtimes Grade of C SOC Upper Division Elective 3 \boxtimes Grade of C General Elective 3 General Elective 3 П **TERM SIX: 76-90 CREDIT HOURS** Complete remaining course from: SBS 302: Qualitative Methods SBS 303: Quantitative Methods/SOC 391: Sociological Research (SB) \boxtimes Grade of C SOC Upper Division Elective 3 \boxtimes Grade of C \boxtimes SOC Upper Division Elective 3 Grade of C Literacy & Critical Inquiry Upper Division (L) 3 \boxtimes Grade of C 3 General Elective **TERM SEVEN: 91-105 CREDIT HOURS** May be substituted with (4) semester hours of a SOC 486: Contemporary Theory (SB) or SOC 483: History of Social Thought (SB) \boxtimes Grade of C foreign language or two (2) semesters of a current computer language. Adjustment to upper division 3 Grade of C SOC Upper Division Elective \boxtimes hours is required if lower division course are used Language & Cultures: Global Awareness (G) or (see Additional Notes, page 2) \boxtimes Grade of C 3 Cultural Diversity (C) 3 Upper Division General Elective \boxtimes 3 \boxtimes Upper Division General Elective **TERM EIGHT: 106-120 CREDIT HOURS** May be substituted with (4) semester hours of a 3 \boxtimes Grade of C SOC Upper Division Elective foreign language or two (2) semesters of a current 3 Related Field Course work Grade of C computer language. Adjustment to upper division Language & Cultures: Global Awareness (G) or hours is required if lower division course are used \boxtimes Cultural Diversity (C) 1 3 Grade of C (see Additional Notes, page 2). 3 Upper Division General Elective \boxtimes Upper Division General Elective 3 \boxtimes

Major Map: Sociology – Bachelor of Science (B.S.) New College of Interdisciplinary Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU | Resident Credit for Academic | Major GPA | Total UD Hrs | Total Comm. College |
|-------------------|------------------|------------------------------|-------------|--------------|---------------------|
| | (minimum 30) | Recognition (minimum 56) | (2.00 Min.) | (minimum 45) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

New College of Interdisciplinary Arts & Sciences Requirements:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements unless the grade in that course is at least a "C".
- Each student in the College is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.
 - o Language and Cultures: This requirement may be satisfied through one of the following:
 - 1. completion of secondary education at a school in which the language of instruction is not English
 - 2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
 - 3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - 4. 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.
 - 5. completion of two sequential semesters of coursework in a current computer language

Arizona State University College of Nursing and Health Innovation

Bachelor of Applied Science Degree

Food Service Management Concentration

The B.A.S. degree with a concentration in food service management is designed to complement and enhance the educational preparation of students holding an A.A.S. degree. The concentration is particularly designed for students holding an A.A.S. degree in culinary or hospitality science. The degree prepares students for careers in food production, service, management, and marketing. With additional education and/or professional training, students may also become credentialed as certified dietary managers, school food service and nutrition specialists, or registered sanitarians.

Admission to the B.A.S. degree program is restricted to students holding an A.A.S. degree from a regionally accredited U.S. postsecondary educational institution. A GPA of 2.00 or higher is required for all resident applicants and a 2.50 is required for nonresident applicants. The B.A.S. degree consists of 60 semester hours of upper-division (300 level and above) courses. A total of 120 semester hours is required for graduation.

General Studies (19 credits)

| | Credits | Recommended courses |
|--|---------|--------------------------------|
| Mathematical Studies (MA or CS) | 3 | ASC 315 |
| Natural Sciences (SG) | 4 | Life science course |
| Literacy and Critical Inquiry (L) | 3 | ENG 301 or TWC 301 |
| Humanities, Fine Arts, and Design (HU) | 3 | Upper-division HU course |
| Social and Behavioral Sciences (SB) | 3 | Upper-division SB course |
| General Studies (HU or SB) | 3 | Upper-division HU or SB course |

B.A.S. Area Core (15 credits)

| | Credits |
|---|---------|
| MGT 300 Organization and Management Leadership or BUA 380 Small Business Leadership | 3 |
| MKT 300 Marketing and Business Performance or BUA 382 Small Business Sales and Market | 3 |
| Development | |
| NTR 300 Computer Applications in Nutrition (CS) | 3 |
| NTR 344 Nutrition Services Management (L) | 3 |
| NTR 351 Nutrition and Health Communications (L) | 3 |

Food Service Concentration (21 credits)

| | Credits |
|---|---------|
| NTR 343 Food Service Purchasing | 3 |
| NTR 345 Development of Healthy Cuisines | 3 |
| NTR 348 Cultural Aspects of Food (SB & C & G) | 3 |
| NTR 401 Professional Practice in Food Service Management | 3 |
| NTR 445 Management of Food Service Systems | 3 |
| NTR course nutrition elective (upper division) | 3 |
| NTR/AGB course nutrition/agribusiness elective (upper division) | 3 |

Assignable Credits (5 credits)

() credits () credits

B.A.S. Degree Summary

| A.A.S. Degree Block Transfer | 60 |
|------------------------------|----|
| General Studies | 19 |
| B.A.S. Area Core | 15 |
| Food Service Concentration | 21 |
| Assignable Credits | 5 |

Total Credits 120

College of Nursing and Healthcare Innovation Bachelor of Applied Science Degree: Health Sciences (HSC)

Curriculum Check Sheet

Note: ASU does not regard the AAS-to-BAS as a traditional transfer degree, so special provisions apply:

- [a] The AAS degree holder (the student) will be admitted only to the BAS program specified, e.g. Health Sciences. Only those students with a regionally accredited AAS from an approved (articulated) Health/Health Technology program are eligible for this degree.
- [b] The institution from which the student received his/her AAS degree must be regionally accredited. A foreign institution must be approved and recognized as a post-secondary institution by the Ministry of Education or other governmental authorities.
- [c] All courses applied toward completion of the AAS must have been completed with a grade of C or higher. ASU will not accept courses with a grade of D.
- [d] A block of up to 60 credit hours will be accepted for transfer with the completed AAS from an approved (articulated) Health/Health Technology program. Students must confirm with the institution granting the AAS that it has an articulation agreement with ASU in place for the BAS in Health Science.
- [e] A minimum of 60 credit hours for the BAS degree must be completed at ASU. If the AAS degree is earned with fewer than 60 credit hours, the student must complete additional credit hours at ASU, so that the total credit hours of the AAS and BAS degrees are at least 120.
- [e] After admission to ASU, if a student wishes to transfer out of the BAS program into another program at ASU, the agreement to accept a block of up to 60 transfer credit hours from the AAS degree shall be void and no longer in effect. The student's transcript will be evaluated course-by-course and only transferrable courses will be accepted.

B.A.S. Degree Summary

| A.A.S. Degree Block Transfer | 60 |
|----------------------------------|-------|
| ASU General Studies | 22-25 |
| B.A.S. Health Sciences Area Core | 9 |
| Health Sciences Concentration | 26-29 |
| TOTAL | 120 |

I. Articulated General Studies Sequence (typically within the AAS degree) (16-19 credits):

The articulated AAS degree must contain the following lower division general studies and foundations coursework:

First Year Composition (6 hrs)
Humanities (selected from AGEC list) (3 hrs)
Social & Behavioral Sciences (selected from AGEC list) (3 hrs)
Natural Sciences (Selected from AGEC list) (4 hrs)
Mathematics (0-3 hrs). If not completed in the AAS, this requirement will be included as part of the 60-units completed as ASU in order to meet ASU GS requirement.

Last Updated: 8/10/10

All courses used for General Studies within the AAS must satisfy AGEC (Arizona General Education Curriculum) criteria (or an equivalent articulated general studies transfer pattern) with the exception of mathematics.

II. ASU General Studies Sequence (22-25 credits):

Within General Studies or other courses, student must meet Global Awareness, Historical Awareness, Cultural Diversity, and Literacy course requirements of ASU.

| | Credits | Recommended courses |
|---|---------|---|
| Mathematical Studies (MA) | 3 | Must meet AGEC MA criteria. |
| Mathematical Studies: (CS) | 3 | APM 301 Introductory Statistics OR equivalent upper division statistics course [ABS 350 Applied Statistics, ASC 315 Numeracy in Technology, SOC 390 Social Statistics, SWU 321 Statistics for Social Workers, STP 420 Introduction to Applied Statistics] |
| Literacy (L) & Critical Inquiry (at least 3 hrs upper division) | 6 | TWC 301 General Principles of Multimedia Writing OR equivalent upper division (L) course [ENG 301 Writing for the Professions, ENG 302 Business Writing] |
| Natural Science [SQ] | 4 | |
| Humanities (HU) | 3 | HSC 320 Applied Medical/Health Care Ethics OR equivalent upper division (HU) course [PHI 306 Applied Ethics, PHI 406 Moral Dilemmas, REL 381 Religion and Moral Issues] |
| Social Science (SB) | 3 | NTR 350 Nutrition Counseling OR equivalent upper division (SB) course [COM 316 Gender and Communication, SOC 352 Social Change] |
| General Studies (HU or SB) upper division | 3 | NTR 450 Lifecycle Nutrition [SB] OR ALD 420 Health Issues of Older Adults OR equivalent upper division (HU or SB) course [CDE 430 Infant/Toddler Development, EDP 313 Childhood and Adolescence, SOC 427 Sociology of Health/Illness] |

III. B.A.S. Health Sciences Area Core (9 credits)

| | Cieulo |
|--|--------|
| EXW 302 Fundamentals of Wellness | 3 |
| HSC 420 Evaluation of Health Sciences Research | 3 |
| HSC 300 Complementary Health Care | 3 |

IV. Health Sciences Concentration (26-29 credits): Select from the following.

Professional Communication and Education: Select at least 9 credits

AFS 494 Health Education Health Promotion in Black Communities [3 cr]

COM 316 Gender and Communication [3 cr] [SB & C]

COM 371 Language, Culture and Communication[3 cr] [SB & C & G]

COM 410 Interpersonal Communication Theory and Research [3 cr] [SB]

EDP 310 Selected topics such as Motivation; Learning and Memory [3 cr] [SB]

EXW 342 Health Behavior Change [3 cr]

EXW 346 Health Promotion and Program Evaluation [3 cr]

JMC 445 Science and Medical Writing [3 cr]

NTR 300 Computer Applications in Nutrition [3 cr] [CS]

NTR 350 Nutrition Counseling [3 cr] [SB]

NTR 351 Nutrition and Health Communication [3 cr]

NTR 494 ST: Nutrition and the Media [3 cr]

PSY 320 Learning and Memory [3 cr]

Last Updated: 8/10/10

Cradita

- TWC 401 Principles of Technical Communication [3cr] [L] TWC 411 Principles of Visual Communication [3 cr] [L] TWC 446 Technical and Scientific Percents [3cr] [L]
- TWC 446 Technical and Scientific Reports [3cr] [L]

Vulnerable Populations: Select at least 6 cr

- ASB 321 Indians of the Southwest [3 cr] [(L or SB) & H & C]
- ASB 342 Mexico-US Borderlands [3 cr] [SB]
- ASB 353 Death and Dying: Cross Cultural Perspectives [3 cr] [(HU or SB) & G]
- EXW 450 Cultural & Social Issues in Exercise & Wellness [3 cr][L or SB;C]
- FAS 370 Family, Ethnic and Cultural Diversity [3 cr] [SB & C]
- GRN 420 Health Aspects of Aging [3 cr] [SB]
- HST 325 Immigration and Ethnicity in the US [3 cr] [SB & H & C]
- NTR 348 Cultural Aspects of Food [3 cr] [SB & C & G]
- SOC 353 Death and Dying: Cross Cultural Perspectives [3 cr] [(HU or SB) & G]
- SOC 418 Aging and the Life Course [3 cr] [SB]
- SOC 424 Women and Health [3 cr] [L or SB]
- SOC 427 Sociology of Health and Illness [3 cr] [L or SB]
- SSH 301 Global History of Health [3 cr] [SB, H]
- SSH 404 Culture and Health [3 cr]
- TLC 321 Transborder Community Development and Health (3 cr)
- TLC 323 Latino Health Issues (4 cr) [SB, C]
- TLC 326 Health of Chicanas and Latinas (3 cr) [SB, C]
- TCL 327 Health and Migration [3 cr] [L or SB]
- TCL 422 US-Mexico Border Health [3 cr]
- WST 300 Women in Contemporary Society [3 cr] [SB & C]
- WST 394 Women and International Health [3 cr]

Policy and Organizations: No minimum required

- BIO 494 Current Issues in US Public Health [3 cr]
- MGT 300 Organizational Management and Leadership [3 cr]
- MGT 310 Collaborative Team Skills [3 cr]
- PGS 458 Group Dynamics [3 cr]
- POS 325 Public Policy Development [3 cr]

Concentration Check sheet (26-29 credits)

Credits

| Professional Communication and Education | |
|--|-----|
| | 3 |
| | 3 |
| | 3 |
| Vulnerable Populations | |
| | 3 |
| | 3 |
| Remaining Course Selections | |
| | 3 |
| | 3 |
| | 3 |
| | 2-5 |

Last Updated: 8/10/10



B.A.S.—Applied Science (Wellness)

Bachelor of Applied Science Degree

| 2010-2011 Curriculum Check Sheet | College of Nursing and Health Innovation | | | | | |
|---|--|----------|---------------|----------|------------------------------|--------|
| Student Name | ID. Number | | | | | |
| A.A.S. Degree | Date A.A.S. Degree Granted | | | | | |
| A.A.S. Degree-Granting Institution | ASU Catalog Year2010–2011 | | | | | |
| B.A.S. Academic Department | | | | | | |
| | | | | | I Conduction Date | |
| Number of Upper-Division Transfer Credits | | | | Expected | d Graduation Date | |
| Institution of Transfer Course Work (Upper Division of Transfer Course) | sion Only) | | | | | |
| (1) 110410, | ASU | Transfer | Transfer From | Grade | | |
| Numeracy - ASC 315 Numeracy in Technology (MA) | 3 | | | | | |
| Natural Sciences - ASC 325 Physical Sciences in | 4 | | | | P.A.C. Dogwoo | Cuadit |
| Technology (SQ) | _ | | | _ | B.A.S. Degree | Credit |
| Literacy (L) upper division | 3 | | | | Summary | Hours |
| Humanities, Fine Arts, and Design (HU & H) upper division | n 3 | | | | A.A.S. Degree Block Transfer | 60 |
| Social and Behavioral Sciences (SB) upper division | 3 | | | | General Studies | |
| General Studies (HU or SB) upper division (G) | 3 | | | | B.A.S. Area Core | |
| Subtotal | <u>19 Hrs</u> | <u> </u> | | | Wellness Concentration | |
| | | | | | Assignable Credits | |
| B.A.S. Area Core (15 Hours) | 4011 | | | | Total (120 Hours Minimum) | |
| | ASU | Transfer | Transfer From | Grade | | |
| EXW 300 Foundations of Exercise and Wellness (SB) | 3 | | | | | |
| EXW 310 Computer Skills and Technology for Exercise and Wellness (CS) | d 3 | | | | | |
| EXW 320 Program Development and Leadership | 3 | | | | Advisor Comments | |
| EXW 325 Fitness for Life | 3 | | | | | |
| EXW 346 Health Promotion and Program Evaluation | 3 | | | | | |
| Subtotal | 15 Hrs | 5 | | | | |
| Wellness Concentration (21 Hours) | | | | | | |
| ` , | ASU | Transfer | Transfer From | Grade | | |
| EXW elective (upper-division 300 or 400 level) | 3 | | | | | |
| EXW 342 Health Behavior Change | 3 | | | | | |
| EXW 350 Substance Abuse and Addictive Behavior | 3 | | | | | |
| EXW 400 Stress Management for Wellness | 3 | | | | | |
| EXW 442 Physical Activity in Health and Disease (L) | 3 | | | | | |
| EXW 444 Epidemiology | 3 | | | | | |
| EXW 450 Cultural and Social Issues in Exercise and Wellness ([L or SB] & C) | 3 | | | | | |
| Subtotal | 21 Hrs | <u> </u> | | | | |
| Assignable Credits (5 Hours) | ASU | Transfer | Transfer From | Grade | | |
| | - | | | | | |
| EXW 484 Internship (250 hrs) | 5 | | | | | |
| Subtotal | 5 Hrs | | | | Total Upper-Division Hou | rs |
| Sastotui | | | | | Total ASU Resident Hours | |
| Student Signature | | ate | | Dean | Signature | Date |
| | | | | | | |
| Advisor/Chair Signature | D | ate | | Universi | ty Signature | Date |



Major Map: Exercise and Wellness (Exercise and Wellness) – Bachelor of Science (B.S.) College of Nursing and Health Innovation | Catalog Year: 2010–2011

| | | | □ MAPP □ | ster Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-----|-------------|--------------|------------------|---|
| Course Subject and Title | Hrs | Upper | Transfer | Minimum Grade if | Additional Critical Tracking Notes |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | | Division | Course/Grade | Required | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| Complete one course from: | | | | | Not required of transfer students |
| BIO 201: Human Anatomy and Physiology (SG) | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| MAT 142: College Mathematics (MA) or higher NTR 241: Human Nutrition | 3-4 | | | Grade of C | composition courses |
| PGS 101: Introduction to Psychology (SB) | | | | | ASU Math Placement Exam score determines |
| ENG 101 or 102: First-Year Composition OR | 3 | | | Grade of C | placement in mathematics course Minimum 2.00 ASU cumulative GPA |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | | | | | recommended |
| Humanities, Fine Arts, and Design (HU) with Historical (H) awareness | 3 | | | | |
| Social and Behavioral Sciences (SB) | | | | | |
| (EXW 100 Introduction to Health and Wellness [SB] recommended) | 3 | | | | |
| Elective | 2 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete two additional course from: BIO 201: Human Anatomy and Physiology I (SG) | 6-8 | | | Grade of C | Minimum 2.00 ASU cumulative GPA recommended |
| BIO 202: Human Anatomy and Physiology II,(SG) if BIO 201 | | | | | recommended |
| completed | | | | | |
| MAT 142: College Mathematics (MA) or higher NTR 241: Human Nutrition | | | | Grade of C | |
| PGS 101: Introduction to Psychology (SB) | | | | | |
| CHM 101: Introductory Chemistry (SQ) | 4 | | | | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts, and Design (HU) with G awareness | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | , | | | | |
| Complete two additional courses from: | 6-8 | | | Grade of C | Completed First-Year Composition Requirement |
| BIO 201: Human Anatomy and Physiology I (SG) | | | | Grade of C | (ENG 101 and 102 or ENG 107 and 108 or ENG |
| BIO 202: Human Anatomy and Physiology II,(SG) if BIO 201 | | | | | 105) |
| completed EXW 300: Foundations of Exercise and Wellness (SB) | | | | | Minimum 2.00 ASU cumulative GPA recommended |
| MAT 142: College Mathematics (MA) or higher | | | | | |
| NTR 241: Human Nutrition PGS 101: Introduction to Psychology (SB) | | | | | |
| EXW 212: Instructional Competency Laboratory (Cardio, Flexibility or | | | | 0 1 60 | |
| Strength) | 2 | | | Grade of C | |
| COM 225: Public Speaking (L) | 3 | | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS Complete remaining course from: | 3-4 | | | Grade of C | All critical courses completed |
| BIO 201: Human Anatomy and Physiology I (SG) | 3-4 | | | Grade of C | Minimum 2.00 ASU cumulative GPA |
| BIO 202: Human Anatomy and Physiology II (SG) | | | | | recommended |
| EXW 300: Foundations of Exercise and Wellness (SB) MAT 142: College Mathematics or higher (MA) | | | | Grade of C | |
| NTR 241: Human Nutrition | | | | Grade of C | |
| PGS 101: Introduction to Psychology (SB) | | | | | |
| EXW 212: Instructional Competency Laboratory (Cardio, Flexibility or Strength) | 2 | | | Grade of C | |
| EXW 212: Instructional Competency Laboratory (Cardio, Flexibility or | 2 | | | Crada of C | |
| Strength) | | | | Grade of C | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS EXW 310: Computer Skills and Technology for Exercise and Wellness | | | | | |
| (CS) | 3 | \boxtimes | | Grade of C | |
| EXW 320: Program Development and Leadership | 3 | \boxtimes | | Grade of C | |
| EXW 342: Health Behavior Change | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| EXW 315: Physiological Foundations of Movement | 4 | | | Grade of C | |
| EXW 330: Kinesiological Foundations of Movement | 4 | | | Grade of C | |
| EXW 400: Stress Management for Wellness | 3 | | | Grade of C | |
| Upper-division elective | 3 | | | | |
| Elective | 3 | ı L | | l | i l |



Major Map: Exercise and Wellness (Exercise and Wellness)

- Bachelor of Science (B.S.)

College of Nursing and Health Innovation | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|-----|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| EXW 420: Exercise Testing | 4 | \boxtimes | | Grade of C | |
| EXW 425: Exercise Prescription | 3 | \boxtimes | | Grade of C | |
| EXW 450: Cultural and Social Issues in Exercise and Wellness ([L or SB] & C) | 3 | ⊠ | | Grade of C | |
| Upper-division EXW concentration elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| EXW 484: Internship | 6 | \boxtimes | | Grade of C | |
| Upper-division elective | 3 | \boxtimes | | |] |
| Elective | 3 | | | |] |
| Elective | 3 | | | |] |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|-------------------|------------------------------|-------------------------------|-----------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Sciences-Quantitative (SQ)
 - o Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Exercise and Wellness (Health Promotion) -Bachelor of Science (B.S.) College of Nursing and Health Innovation | Catalog Year: 2010–2011

| | | | | nsfer Pathway: TAG ATP None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-----|------------|--------------|----------------------------------|--|
| Course Subject and Title | Hrs | Upper | Transfer | Minimum Grade if Required | Additional Critical Tracking Notes |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | | Division | Course/Grade | | Ţ. |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only. |
| Complete one course from: | - | | | | Not required of transfer students |
| BIO 201: Human Anatomy and Physiology I (SG) | 3-4 | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| MAT 142: College Mathematics (MA) or higher NTR 241: Human Nutrition | | | | Grade of C | composition courses |
| PGS 101: Introduction to Psychology (SB) | | | | Grade of C | ASU Math Placement Exam score determines |
| ENG 101 or 102: First-Year Composition OR | | | | | placement in mathematics course Recommended course: EXW 100: Introduction |
| ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | to Health and Wellness (elective) |
| ENG 107 or 108: English for Foreign Students Humanities, Fine Arts, and Design (HU) with H awareness | 3 | | | | |
| Elective (EXW 100 Introduction to Health and Wellness [SB] | 1 | | | | |
| recommended) | 2 | | | | |
| Elective | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete two additional courses from: | 6-8 | | | Grade of C | |
| BIO 201: Human Anatomy and Physiology I (SG) BIO 202: Human Anatomy and Physiology II (SG), if BIO 201 | | | | | |
| completed | | | | | |
| MAT 142: College Mathematics (MA)or higher | | | | Grade of C | |
| NTR 241: Human Nutrition PGS 101: Introduction to Psychology (SB) | | | | | |
| ENG 101 or 102: First-Year Composition OR | | | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | |
| ENG 107 or 108: English for Foreign Students CHM 101: Introductory Chemistry (SQ) | 4 | | | | |
| Humanities, Fine Arts, and Design (HU) with G awareness | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | 9 | | | | |
| Complete two additional courses from: | 6-8 | | | Grade of C | Completed First-Year Composition Requirement |
| BIO 201: Human Anatomy and Physiology I (SG) | | | | | (ENG 101 and 102 or ENG 107 and 108 or ENG |
| BIO 202: Human Anatomy and Physiology II (SG), if BIO 201 completed | | | | | 105) |
| EXW 300: Foundations of Exercise and Wellness (SB) | | | | Grade of C | |
| MAT 142: College Mathematics (MA) or higher | | | | | |
| NTR 241: Human Nutrition | | | | | |
| PGS 101: Introduction to Psychology (SB) COM 225: Public Speaking (L) | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | J | | | | |
| Complete remaining course from: | | | | | |
| BIO 201: Human Anatomy and Physiology I (SG) | 3-4 | | | Grade of C | |
| BIO 202: Human Anatomy and Physiology II (SG) EXW 300: Foundations of Exercise and Wellness (SB) | | | | | |
| MAT 142: College Mathematics (MA) or higher | | | | | |
| NTR 241: Human Nutrition | | | | | |
| PGS 101: Introduction to Psychology (SB) | 2 | 5 7 | | 0.1.60 | |
| EXW 325: Fitness for Life | 3 | | | Grade of C Grade of C | |
| Upper-division EXW concentration elective Elective | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| EXW 310: Computer Skills and Technology for Exercise and | - | | | G 1 60 | |
| Wellness (CS) | 3 | | | Grade of C | |
| EXW 342: Health Behavior Change | 3 | ⊠ | | Grade of C | |
| EXW 400: Stress Management for Wellness | 3 | ⊠ | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| EXW 442: Physical Activity in Health and Disease (L) | 3 | | | Grade of C | |
| EXW 350: Substance Abuse and Addictive Behavior | 3 | | | Grade of C | |
| EXW 320: Program Development and Leadership | 3 | | | Grade of C | |
| Upper-division elective Elective | 3 | | | | |
| Licente | , J | | i | İ | I |



Major Map: Exercise and Wellness (Health Promotion) – Bachelor of Science (B.S.)

College of Nursing and Health Innovation | Catalog Year: 2010–2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|-----|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| EXW 346: Health Promotion and Program Evaluation | 3 | \boxtimes | | Grade of C | |
| EXW 444: Epidemiology | 3 | | | Grade of C | |
| EXW 450: Cultural and Social Issues in Exercise and Wellness ([L or SB] & C) | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| EXW 484: Internship | 6 | \boxtimes | | Grade of C | |
| Upper-division elective | 3 | ⊠ | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|-------------------|------------------------------|-------------------------------|--------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Sciences-Quantitative (SQ)
 - o Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Health Sciences (Health Policy) – Bachelor of Science (B.S.) College of Nursing and Health Innovation | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-----|-------------|---|-----------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs | Div | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | ACII 101 :- f ACII fl |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only; not required of transfer students. |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition or | | | | | determines placement into first-year |
| ENG 107 and 108: English for Foreign Students or | 3 | | | Crada of C | composition courses • ASU Math Placement Exam score determines |
| ENG 105: Advanced First-Year Composition | 3 | Ш | | Grade of C | placement in mathematics course |
| Natural Sciences-General (SG) or Natural Sciences-Quantitative (SQ) | 4 | | | | • |
| Global awareness (G) | 3 | H | | | |
| TERM TWO: 16-30 CREDIT HOURS | , | | | | |
| HSC 210: Cultural Aspects of Health | 3 | | | Grade of C | |
| PGS 101: Introduction to Psychology (SB) | 3 | | | Grade of C | |
| | | _ | | | |
| ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or | | | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| PHI 101: Introduction to Philosophy (HU) | 3 | | | | |
| Historical awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Approved Medical or Technical Writing/Communications course | 3 | | | Grade of C | See your advisor for a list of courses that fulfill |
| TCL 201:Transborder Society and Culture I: Interdisciplinary Approaches | 3 | | | Grade of C | the Approved Medical or Technical Writing/ Communications area |
| Literacy and Critical Inquiry (L) | 3 | | | | Communications area |
| Natural Sciences-Quantitative (SQ) | 4 | | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Approved statistics course (CS)* | 3 | | | Grade of C | * HSC students are required to take a statistics |
| NTR100: Introductory Nutrition or NTR241: Human Nutrition | 3 | | | Grade of C | course to fulfill their (CS) General Studies |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | requirement |
| Cultural Diversity in the U.S. (C) | 3 | | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| HSC 300: Complementary Healthcare | 3 | \boxtimes | | Grade of C | |
| HSC 320: Applied Medical/Healthcare Ethics | 3 | \boxtimes | | Grade of C | |
| EXW 342: Health Behavior Change | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| HSC394/330: Healthcare Systems in the U.S. | 3 | | | Grade of C | |
| PAF 300: Public Management and Administration | 3 | \boxtimes | | Grade of C | |
| Upper-division Literacy amd Critical Inquiry (L) | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| HSC 394/332: Healthcare Legislation | 3 | | | Grade of C | |
| HSC 420: Evaluation of Health Sciences Research | 3 | | | Grade of C | |
| PAF 460 Public Service Ethics | 3 | | | Grade of C | |
| TCL 327: Health and Migration (SB) | 3 | | | Grade of C | |
| Upper-division elective | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | 3 | ⊠ | | Crado of C | |
| EXW 346: Health Promotion and Program Evaluation | 3 | \boxtimes | | Grade of C Grade of C | |
| HSC 494/400: Practicum in Interdisciplinary Health Sciences HSC 494/432: Legal Issues for Healthcare Professionals | 3 | | | Grade of C | |
| SOC 427: Sociology of Health and Illness (SB) | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Liconi, v | , | | | 1 | |



Major Map: Health Sciences (Health Policy) -Bachelor of Science (B.S.)

College of Nursing and Health Innovation | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 | Total Hrs at ASU (30 | Hrs Resident Credit for | Major GPA (2.00 Min.) | Total upper division Hrs | Total Community College |
|------------------|----------------------|-------------------------|-----------------------|--------------------------|-------------------------|
| minimum) | minimum) | Academic Recognition | | (45 minimum) | Hrs (64 maximum) |
| | | (56 minimum) | | | |
| | | | | | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Sciences-Quantitative (SQ)
 - Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the U.S. (C)
 - Global Awareness (G)
 - Historical Awareness (H) First-Year Composition

Additional Notes:

HSC students are required to take a statistics course to fulfill their (CS) General Studies requirement. All students should see their advisor for approval prior to taking their statistics course.

Suggested General Studies courses (may have prerequisites that must be met prior to enrolling):

- ALD 420: Health Issues and Older Adults (3) [SB]
- BIO 100: The Living World (4) [SQ]
- BIO 181: General Biology I (4) (formerly BIO 188) [SG] and BIO 182: General Biology II (4) (formerly BIO 187) [SG]
- BIO 201: Human Anatomy and Physiology I (4) [SG] and BIO 202: Human Anatomy and Physiology II (4) [SG]
- BIO 318: History of Medicine (3) [H]
- CHM 101: Introductory Chemistry (4) [SQ]
- PHI 103: Principles of Sound Reasoning (3) [L or HU]
- SOC 353: Death and Dying in Cross-Cultural Perspectives (3) [(HU or SB) & G]
- SOC 424: Women and Health (3) [SB]
- SOC 427: Sociology of Health and Illness (3) [SB]

Suggested electives (may have prerequisites that must be met prior to enrolling):

EXW 444 Epidemiology (3)

Choose 3 courses:

- HSM 220 Health Care Organizations (3) [H]
- IED 494 ST: Role of Tribal, State, and Federal Government in Indian Education (3)
- MGT 310 Collaborative Team Skills (3)
- PGS 451 Stereotyping, Prejudice, and Discrimination (3) [L]
- POS 220 Political Issues and Public Policy (3) [SB]
- POS 325 Public Policy Development (3) [SB]
- TCL 321 Transborder Community Development and Health (3)
- TCL 323 Latino Health Issues (4) [SB & C]
- TCL 326 Health of Chicanas and Latinas (3) [SB & C]
- TCL 422 U.S.-Mexico Border Health (3)

Students may also wish to consider using their electives to complete a minor in Nonprofit Administration, which requires a total of 15 credits:

NLM 160 Voluntary Action and Community Leadership (3) SB Required:

> NLM 220 Introduction to Nonprofit Organizations (3) NLM 300 Fund Raising and Resource Development (3; fall only)

NLM 301 Sustainable Communities (3)

NLM 302 Inclusive Community Development (3) C NLM 310 Volunteer Management (3; spring only)

NLM 435 Service Learning for Community Development (3) NLM 494 Special Topics, as approved by SCRD advisor PRM 424 Recreation Program Management (3; spring only)

PRM 486 Special Events Management (3)



Major Map: Health Sciences (Preprofessional) – Bachelor of Science (B.S.) College of Nursing and Health Innovation | Catalog Year: 2010–2011

| | | | □ MAPP □ | ister Pathway: FAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-----|-------------|--------------|----------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are courses) TERM ONE: 0-15 CREDIT HOURS | Hrs | Div | Course/Grade | Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only; |
| Complete one course from: | | | | | not required of transfer students. |
| BIO 181: General Biology I (SG) (formerly BIO 188) or | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| BIO 182: General Biology II (SQ) (formerly BIO 187) ENG 101 and 102: First-Year Composition or | 4 | | | Grade of C | composition courses |
| ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or | | | | | ASU Math Placement Exam score determines placement in mathematics course |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | placement in mathematics course |
| PHI 101: Introduction to Philosophy (HU) | 3 | | | Grade of C | |
| Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S | | _ | | | |
| .(C), Global awareness (G) or Historical awareness (H) TERM TWO: 16-30 CREDIT HOURS | 3 | | | | |
| Complete remaining course from: | | | | | §Pre-Pharmacy students are approved to substitute |
| BIO 181: General Biology I (SG) (formerly BIO 188) or | | | | | MAT 251 with MAT 270 Calculus with Analytic |
| BIO 182: General Biology II (SQ) (formerly BIO 187) | 4 | | | Grade of C | Geometry I (4) [MA] |
| CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | |
| MAT 251: Calculus for Life Sciences (MA)§ | 3 | | | Grade of C | |
| ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or | | | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| BIO 201: Human Anatomy and Physiology I (SG)† | 4 | | | Grade of C | *HSC students are required to take a statistics course to fulfill their (CS) General Studies |
| CHM 116: General Chemistry II (SQ) | 4 | | | Grade of C | requirement. |
| Literacy and Critical Inquiry (L) | 3 | | | | Por Viscoin and desired |
| Approved statistics course (CS)* TERM FOUR: 46-60 CREDIT HOURS | 3 | | | | †Pre-Veterinary students are approved to substitute |
| BIO 202: Human Anatomy and Physiology II (SG)† | 4 | | | Grade of C | †Pre-Veterinary students are approved to substitute |
| CHM 233: General Organic Chemistry I and CHM 237: General Organic | | | | | BIO 202 with BIO 331 Animal Behavior (3) |
| Chemistry Laboratory I (SQ) | 4 | | | Grade of C | †Pre-Veterinary students are approved to substitute |
| NTR 241: Human Nutrition† | 3 | | | Grade of C | NTR 241 with ABS 378 Wildlife Nutrition (3) |
| Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. | | _ | | | |
| (C), Global awareness (G) or Historical awareness (H) TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| CHM 234: General Organic Chemistry II and CHM 238: General Organic | | | | | |
| Chemistry Laboratory II (SQ) | 4 | | | Grade of C | |
| PHY 111: General Physics and PHY 113: General Physics Laboratory | | | | | |
| (SQ) | 4 | | | Grade of C | |
| MIC 220: Biology of Microorganisms and MIC 206: Microbiology | | _ | | | |
| Laboratory | 4 | | | Grade of C | |
| Humanities, Fine Arts, and Design (HU) AND Cultural Diversity in the U.S. (C), Global awareness (G) or Historical awareness (H) | 3 | | | | |
| Upper-division elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| HSC 300: Complementary Healthcare | 3 | | | Grade of C | |
| HSC 320: Applied Medical/Healthcare Ethics | 3 | | | Grade of C | |
| EXW 342: Health Behavior Change | 3 | | | Grade of C | 1 |
| PHY 112: General Physics and PHY 114: General Physics Laboratory (SQ) | 4 | | | Grade of C | |
| Upper-division elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| HSC 494: Practicum in Health Sciences | 3 | \boxtimes | | Grade of C | See page 2 for list of courses that fulfill the Approved Medical or Technical Writing/ |
| BCH 361: Principles of Biochemistry and BCH 367: Elementary | | | | 0 1 60 | Communications area |
| Biochemistry Laboratory Upper-division Medical or Technical Writing/Communications (L) | 3 | | | Grade of C Grade of C | 1 |
| Upper-division elective | 3 | | | 57440 01 0 | |
| Upper-division elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| HSC 420: Evaluation of Health Sciences Research | 3 | ⊠ | | Grade of C | |
| BIO 340: General Genetics | 4 | | | Grade of C | |
| Upper-division elective | 3 | | | | |
| Upper-division Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB) | 3 | | | | |
| Unner-division elective | 1 | | | | |



Major Map: Health Sciences (Preprofessional) – Bachelor of Science (B.S.)

College of Nursing and Health Innovation | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.00 Min) | Total Upper-Division Hrs (45 minimum) | Total Community College Hrs (64 maximum) |
|---------------------------|-------------------------------|---|----------------------|---------------------------------------|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Sciences-Quantitative (SQ)
 - Natural Sciences-General (SG)
 - General Studies Awareness Requirements
 - Cultural Diversity in the U.S. (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

HSC students are required to take a statistics course to fulfill their (CS) General Studies requirement.

Depending on the professional program applied to, the following course(s) *might* also be prerequisites for admission or highly suggested to take prior to attending. Students should check professional program requirements prior to registering for the course(s).

Profession-specific suggested electives (may have prerequisites that must be met prior to enrolling):

- Pharmacy MAT 270: Calculus with Analytic Geometry I (4) [MA]
- Physical Therapy KIN 340: Physiology of Exercise (3); PGS 341: Developmental Psychology (3) [SB]
- Veterinary Medicine ABS 378: Wildlife Nutrition (3); BIO 331: Animal Behavior (3); BIO 360: Animal Physiology (3)

Suggested General Studies courses (may have prerequisites that must be met prior to enrolling):

- ALD 420: Health Issues and Older Adults (3) [SB]
- BIO 318: History of Medicine (3) [H]
- PGS 101: Introduction to Psychology (3) [SB]
- PHI 103: Principles of Sound Reasoning (3) [L or HU]
- SOC 353: Death and Dying: Cross Cultural Perspectives (3) [(HU or SB) & G]
- SOC 424: Women and Health (3) [L or SB]
- SOC 427: Sociology of Health/Illness (3) [L or SB]

Approved courses that fulfill the Medical/Technical Writing Communications requirement:

ENG 301: Writing for the Professions (3) L

NTR 351: Nutrition and Health Communications (3) L

TWC 301: General Principles of Multimedia Writing (3) L

TWC 347: Written Communication for Managers (3) L

TWC 401: Principles of Technical Communication (3) L

TWC 446: Technical and Scientific Reports (3) L



Major Map: Health Sciences (Healthy Lifestyles Coaching) – Bachelor of Science (B.S.) College of Nursing and Health Innovation | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|----------|-------------|--|--|
| Course Subject and Title | | Upper | Transfer | |
| (courses in bold/shading are courses) | Hrs | Div | Course/Grade Minimum Grade if Required | d Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS ASU 101: The ASU Experience | 1 | | | ASU 101 is for ASU freshman students only; |
| CHM 101: Introductory Chemistry (SQ) | 4 | | Grade of C | not required of transfer students |
| * | <u> </u> | | Glade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or | | | | composition courses |
| ENG 105: Advanced First-Year Composition | 3 | | Grade of C | ASU Math Placement Exam score determines |
| MAT 142: College Mathematics (MA) | 3 | | Grade of C | placement in mathematics course |
| Humanities, Fine Arts, and Design (HU) | 3 | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | |
| HSC 210: Cultural Aspects of Health | 3 | | Grade of C | _ |
| PHI 101: Introduction to Philosophy (HU) | 3 | | Grade of C | _ |
| ENG 101 and 102: First-Year Composition or | | | | |
| ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | Grade of C | |
| Historical awareness (H) | 3 | | | |
| Elective | 3 | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | | Grade of C | HSC students are required to take a statistics |
| Approved Medical or Technical Writing/Communications course (see | | | | course to fulfill their (CS) General Studies requirement |
| additional notes on page 2 for approved courses) (L) | 3 | | Grade of C | requirement |
| Approved statistics course (CS) * | 3 | | Grade of C | |
| Cultural Diversity in the US (C) | 3 | | | |
| Elective or minor course | 3 | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | |
| NTR 241: Human Nutrition | 3 | | Grade of C | _ |
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | | Grade of C | _ |
| EXW 100: Introduction to Exercise and Wellness (SB) | 3 | | | - |
| Global awareness (G) PGS 101: Introduction to Psychology (SB) | 3 | | | |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | |
| HSC 300: Complementary Healthcare | 3 | \boxtimes | Grade of C | |
| EXW 325: Fitness for Life | 3 | | Grade of C | |
| NTR 340 Applications in Human Nutrition | 3 | | Grade of C | |
| NTR 348: Cultural Aspects of Food (SB & C & G) | 3 | | Grade of C | |
| Elective or minor course | 3 | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | |
| NTR 351: Nutrition and Health Communications (L) | 3 | \boxtimes | Grade of C | |
| EXW 342: Health Behavior Change | 3 | \boxtimes | Grade of C | |
| EXW 350: Substance Abuse and Addictive Behavior | 3 | \boxtimes | Grade of C | |
| NTR 350: Nutrition Counseling (SB) | 3 | \boxtimes | Grade of C | |
| Elective or minor course | 3 | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | |
| HSC 394/330: Healthcare Systems in the U.S. | 3 | \boxtimes | Grade of C | _ |
| HSC 320: Applied Medical/Healthcare Ethics | 3 | | Grade of C | |
| EXW 400: Stress Management for Wellness | 3 | | Grade of C | |
| Elective or minor course | 3 | | | _ |
| EXW 346: Health Promotion and Program Evaluation | 3 | | Grade of C | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | |
| HSC 494/499 Individualized Instruction | 2 | | Grade of C | - |
| NTR 450: Nutrition in the Life Cycle I (SB) | 3 | | Grade of C | \dashv |
| Elective or minor course | 3 | | 0 1 22 | - |
| HSC 420: Evaluation of Health Sciences Research | 3 | | Grade of C | \dashv |
| HSC 494/400: Practicum in Interdisciplinary Health Sciences | 3 | \boxtimes | Grade of C | |



Major Map: Health Sciences (Healthy Lifestyles

Coaching) - Bachelor of Science (B.S.)

College of Nursing and Health Innovation | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.00 Min) | Total upper division Hrs (45 minimum) | Total Community College Hrs (64 maximum) |
|---------------------------|-------------------------------|---|----------------------|---------------------------------------|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Sciences-Quantitative (SQ)
 - o Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

HSC students are required to take a statistics course to fulfill their (CS) General Studies requirement. Students must see their advisor for approval *prior* to registering for the course.

Approved courses that fulfill the Medical/Technical Writing Communications requirement:

ENG 215: Strategies of Academic Writing (3) L

ENG 216: Persuasive Writing on Public Issues (3) L

ENG 301: Writing for the Professions (3) L

NTR 351: Nutrition and Health Communications (3) L

TWC 301: General Principles of Multimedia Writing (3) L

TWC 347: Written Communication for Managers (3) L

TWC 401: Principles of Technical Communication (3) L

TWC 446: Technical and Scientific Reports (3) L

HSC majors in the healthy lifestyles coaching concentration might also be interested in completing a minor in Nonprofit Administration, which requires 15 credits:

Required: NLM 160 Voluntary Action and Community Leadership (3) SB

NLM 220 Introduction to Nonprofit Organizations (3)

Choose 3 courses: NLM 300 Fund Raising and Resource Development (3; fall only)

NLM 301 Sustainable Communities (3)

NLM 302 Inclusive Community Development (3) C NLM 310 Volunteer Management (3; spring only)

NLM 435 Service Learning for Community Development (3) NLM 494 Special Topics, as approved by SCRD advisor PRM 424 Recreation Program Management (3; spring only)

PRM 486 Special Events Management (3)

Suggested General Studies courses (may have prerequisites that must be met prior to enrolling):

- PHI 103: Principles of Sound Reasoning (3) [L or HU]
- MIC 205 Microbiology and MIC 206: Microbiology Lab (1) [SG]
- CDE 232: Human Development (3) [SB]
- SOC 353: Death and Dying in Cross-Cultural Perspective (3) [(HU or SB) & G]
- SOC 427: Sociology of Health and Illness (3) [SB]

Suggested electives (may have prerequisites that must be met prior to enrolling):

- EXW 380: Body Image and Wellness (3)
- NTR 300: Computer Applications in Nutrition (3) [CS]
- NTR 346: Sports Nutrition (3)

HSC majors in the healthy lifestyles coaching concentration *might* also be interested in vulnerable populations. If so, the following courses are suggested to take as electives within the degree.

- ALD 420: Health Issues and Older Adults (3) [SB]
- EXW 450: Cultural and Social Issues in Exercise and Wellness (3) [(L or SB) & C]
- SOC 424: Women and Health (3) [SB]



Major Map: Nutrition (Dietetics) – Bachelor of Science (B.S.) College of Nursing & Health Innovation | Catalog Year: 2010-2011

| | | | Competed Trai | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|--------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course/Grade | required | Additional Critical Requirement (votes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only |
| CHM 101: Introductory Chemistry (SQ) | 4 | | | Grade of C | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | determines placement into first-year composition courses • ASU Math Placement Exam score determines |
| *PGS 101: Introduction to Psychology (SB) | 3 | | | Grade of C | placement in Mathematics course |
| MAT 142: College Mathematics (MA) | 3 | | | | Minimum grade of "C" required in all critical |
| *NTR 150: Introduction to the Professions in Nutrition and Dietetics | 1 | | | Grade of C | *Minimum grade of "C" required for Didactic Program in Dietetics (DPD) verification statement Minimum 2.75 minimum cumulative GPA in all courses. |
| TERM TWO: 16-30 CREDIT HOURS | | | | a 1 10 | • Minimum and a fully manifest in all acids a |
| NTR 241: Human Nutrition ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | Minimum grade of "C" required in all critical courses |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Minimum 2.75 minimum cumulative GPA in all courses. |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | | |
| US (C), Global Awareness (G) or Historical Awareness (H) | | | | | |
| Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS NTR 341: Introduction to Planning Therapeutic Diets | 2 | | | Grade of C | First-year composition completed |
| BIO 201: Human Anatomy and Physiology I (SG) | 3 | | | Grade of C | Minimum grade of "C" required in all critical |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | | | | Grade of C | courses *Minimum grade of "C" required for Didactic |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | *Minimum grade of "C" required for Didactic Program in Dietetics (DPD) verification |
| Elective | 3 | | | | Minimum 3.00 minimum cumulative GPA in all courses. |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| *NTR 142: Applied Food Principles | 3 | | | Grade of C | Minimum grade of "C" required in all critical |
| *BIO 202: Human Anatomy and Physiology II (SG) | 4 | | | Grade of C | requirement courses *Minimum grade of "C" required for Didactic |
| *Statistics (CS) | 3 | | | Grade of C | Program in Dietetics (DPD) verification |
| Complete one of the following: *NTR 351: Nutrition & Health Communication (L) *ENG 301: Writing for Professions (L) *TWC 301: General Principles of Multimedia Writing (L) | 3 | ⊠ | | Grade of C | Statement Completed critical courses with minimum C grade (ENG 101, ENG 102, PGS 101, NTR 150, CHM 113, CHM 116, NTR 241, BIO 201, NTR |
| Elective | 3 | | | | 142, BIO 202) Minimum 3.00 minimum cumulative GPA in all courses. |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| *CHM 231: Organic Chemistry AND CHM 235: Organic Chem Lab (SQ) | 3/1 | | | Grade of C | *Minimum grade of "C" required for Didactic Program in Dietetics (DPD) verification |
| *MIC 205: Microbiology AND MIC 206: Microbiology Lab (SG) | 3/1 | | | Grade of C | statement |
| NTR 344: Nutrition Services Management (L) | 3 | ⊠ | | Grade of C | |
| NTR 343: Food Service Purchasing | 3 | \boxtimes | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| BCH 361: Biochemistry AND BCH 367: Biochemistry Lab | 3/1 | | | Grade of C | |
| NTR 340: Applications in Human Nutrition | 3 | | | Grade of C | |
| NTR 444: Medical Nutrition Therapy NTR 350: Nutrition Counseling (SB) | 3 | | | Grade of C Grade of C | |
| Elective | 3 | | | Grade of C | • |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| NTR 440: Advanced Human Nutrition I | 3 | \boxtimes | | Grade of C | |
| NTR 445: Management of Food Service Systems | 3 | ⊠ | | Grade of C | |
| NTR 448: Community Nutrition (L) | 3 | \boxtimes | | Grade of C | |
| NTR 450: Nutrition in the Life Cycle I (SB) | 3 | Ø | | Grade of C | |
| Elective: | 3 | | | | |



Major Map: Nutrition (Dietetics) – Bachelor of Science (B.S.)

College of Nursing & Health Innovation | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|--|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| *NTR 400: Professional Practice in Dietetics | 3 | | | Grade of C | *Minimum grade of "C" required for Didactic |
| NTR 441: Advanced Human Nutrition II | 3 | \boxtimes | | Grade of C | Program in Dietetics (DPD) verification statement |
| NTR 446: Human Nutrition Assessment | 3 | \boxtimes | | Grade of C | Statement |
| Elective | 3 | | | | |
| Elective | 1 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.00 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|-------------------------------|-----------------------------------|--|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Advancement to upper division Dietetic program:

In order to advance into the upper division Dietetic program, students must have the following:

- 3.00 cumulative GPA or higher.
- Grade of "C" or better in all critical courses



Major Map: Nutrition (Human Nutrition) – Bachelor of Science (B.S.) College of Nursing & Health Innovation | Catalog Year: 2010-2011

| | | | Competed Trai | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------|---------------|----------------------------------|--|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only | |
| CHM 113: General Chemistry I (SQ) [or | | | | Grade of C in | Not required of transfer students | |
| CHM 101: Introductory Chemistry (SQ)] | 4 | | | CHM 113 | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | composition courses | |
| ENG 107 and 108. English for Poleigh Students OK ENG 105: Advanced First-Year Composition | , | | | Grade of C | CHM 101 or 113 depending on preparation, see | |
| MAT 170: Precalculus (MA) | 3 | | | | course description ASU Math Placement Exam score determines | |
| NTR 150: Introduction to the Professions in Nutrition and Dietetics | 1 | | | | placement in Mathematics course | |
| OR elective Social & Behavioral Sciences (SB) AND Cultural Diversity in the US | | | | | Minimum grade of "C" required in all critical | |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | courses | |
| TERM TWO: 16-31 CREDIT HOURS | | | | | | |
| CHM 113: General Chemistry I (SQ) OR | 4 | | | Grade of C | Minimum grade of "C" required in all critical | |
| CHM 116: General Chemistry II ENG 101 and 102: First-Year Composition OR | - | | | | courses CHM 113 and 116 are perquisites for CHM 233 in | |
| ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | term 3 | |
| ENG 105: Advanced First-Year Composition | | | | | | |
| NTR 241: Human Nutrition | 3 | | | Grade of C | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM THREE: 32-47 CREDIT HOURS | _ | | | | | |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | | | Grade of C | First-year composition requirement completed | |
| CHM 233: General Organic Chemistry I AND CHM 237 Lab | 3/1 | | | | Completed critical requirement courses (CIPM 113: PIO 2011 NITP 241) prick a gradual of | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | | (CHM 113; BIO 201; NTR 241) with a grade of C by end of term | |
| US (C), Global Awareness (G) or Historical Awareness (H) | | | | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | | |
| TERM FOUR: 48-63 CREDIT HOURS BIO 202: Human Anatomy and Physiology II | 4 | | | | | |
| | | | | | | |
| CHM 234: General Organic Chemistry II AND CHM 238 Lab | 3/1 | | | | | |
| NTR 142: Applied Food Principles | 3 | | | | | |
| Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Sciences (SB) | 3 | \boxtimes | | | | |
| TERM FIVE: 64-79 CREDIT HOURS | | | | | | |
| NTR 341: Introduction to Planning Therapeutic Diets | 3 | \boxtimes | | Grade of C | | |
| NTR 450: Nutrition in the Life Cycle I | 3 | ⊠ | | Grade of C | | |
| Upper division Literacy & Critical Inquiry (L) | 3 | \boxtimes | | orace or c | | |
| Upper division Elective | 3 | ⊠ | | | | |
| Upper division Elective | 2 | <u> </u> | | | | |
| TERM SIX: 80-92 CREDIT HOURS | | | | | | |
| BCH 361: Principles of Biochemistry AND BCH 367: Laboratory | 3/1 | \boxtimes | | Grade of C | | |
| NTR 340: Applications in Human Nutrition | 3 | \boxtimes | | Grade of C | | |
| NTR 444: Medical Nutrition Therapy | 3 | \boxtimes | | Grade of C | | |
| Upper division Elective | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM SEVEN: 93-105 CREDIT HOURS | | | | | | |
| NTR 440: Advanced Human Nutrition I | 3 | | | Grade of C | | |
| NTR 346: Sports Nutrition | 3 | | | Grade of C | | |
| MIC 205: Microbiology AND MIC 206: Microbiology Lab | 3/1 | | | | | |
| Upper division Elective Computer/Statistics/Quantitative applications (CS) | 3 | | | | | |
| (NTR 300: Computer Applications in Nutrition recommended) | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| NTR 441: Advanced Human Nutrition II | 3 | \boxtimes | | Grade of C | | |
| NTR 446: Human Nutrition Assessment | 3 | \boxtimes | | Grade of C | | |
| Upper division Elective | 3 | \boxtimes | | | | |
| Upper division Elective | 3 | \boxtimes | | | | |
| Elective | 3 | | | | | |



Major Map: Nutrition (Human Nutrition) -Bachelor of Science (B.S.)

College of Nursing & Health Innovation | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.0 minimum) | Major GPA (2.000 Min.) | Total upper division Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|-------------------|-------------------------------|--|-------------------------|---------------------------|---------------------------------------|--|
| _ | · | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Nutrition (Nutrition Communication) - Bachelor of Science (B.S.) College of Nursing & Health Innovation | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|-----------|-------------|---|--------------------------|---|--|
| Course Subject and Title | 11 | Upper | Transfer | Minimum Grade if | Additional Critical Demoirror and Natur | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only | |
| Complete 1 course from: | | | | | Not required of transfer students | |
| CHM 101: Introductory Chemistry (SQ) OR MAT 142: College Mathematics (MA) | 3 or 4 | | | Grade of C in CHM 101 | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | |
| ENG 101 and 102: First-Year Composition OR | | | | | composition courses ASU Math Placement Exam score determines | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | placement in Mathematics course | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | Minimum grade of "C" required in all critical courses | |
| Elective | 3 | | | | - Courses | |
| NTR 150: Introduction to Professions in Nutrition and Dietetics OR | | | | | | |
| Elective | 1 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | 2 | | | 0 1 60 | Minimum grade of "C" required in all critical | |
| MCO 120: Media and Society (SB) ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | courses | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | | |
| Complete remaining course from: | 2 | | | 0 1 60: | | |
| CHM 101: Introductory Chemistry (SQ) OR MAT 142: College Mathematics (MA) | 3 or 4 | | | Grade of C in CHM 101 | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| NTR 100: Introduction to Nutrition OR | |] | | 0 1 60 | Minimum grade of "C" required in all critical | |
| NTR 241: Human Nutrition | 3 | | | Grade of C | courses First-year composition completed | |
| MCO 240: Media Issues in American Pop Culture Elective | 3 | | | | , | |
| Elective | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | ' | | | |
| NTR 142: Applied Food Principles | 3 | | | | Minimum grade of "C" required in all critical | |
| Statistics (CS) | 3 | | | | courses Completed critical requirement courses with a | |
| Elective | 3 | | | | minimum grade of C: CHM 101; MCO 120; | |
| Elective | 3 | | | | NTR 100 or 241 | |
| Elective | 3 | | | | | |
| TERM FIVE: 61-74 CREDIT HOURS | | | | | | |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | | | | | |
| NTR 320: History of Human Nutrition | 3 | | | Grade of C | | |
| NTR 345: Development of Healthy Cuisines ENG 301: Writing for the Professions (L) OR TWC 301 Multimedia | 3 | \boxtimes | | Grade of C | - | |
| Writing (L) | 3 | | | | | |
| Elective | 1 | | | | | |
| TERM SIX: 75-90 CREDIT HOURS | | | | 1 | | |
| NTR 348: Cultural Aspects of Food (SB, C, G) | 3 | | | Grade of C | | |
| NTR 300: Computer Applications in Nutrition (CS) | 3 | | | Grade of C | 1 | |
| BIO 202: Human Anatomy and Physiology II Complete one course from: | 3 | | 1 | | | |
| MCO 200 Intro to Electronic Media | 3 | | | | | |
| MCO 430 International Mass Communication | | | | | | |
| MCO 435 Emerging Media Technologies MCO 450 Visual Communication | | | | | | |
| MCO 455 War and the Mass Media | | | | | | |
| MCO 465 Sports and Media | | | | | | |
| MCO 465 Sports and Media MCO 473 Sex, Love & Romance in Mass Media | | | | | | |
| MCO 494 Special Topics | | | | | | |
| Upper division elective | 3 | \boxtimes | | | | |



Major Map: Nutrition (Nutrition Communication) - Bachelor of Science (B.S.)

College of Nursing & Health Innovation | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|------|-------------|--------------|------------------|---------------------------------------|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| NTR 351: Nutrition & Health Communication | 3 | \boxtimes | | Grade of C | |
| NTR 450: Nutrition in the Life Cycle | 3 | \boxtimes | | Grade of C | |
| MCO 418: History of Mass Communication (SB, H) | 3 | \boxtimes | | | |
| Complete one additional course from: MCO 200 Introduction to Electronic Media MCO 430 International Mass Communication MCO 435 Emerging Media Technologies MCO 450 Visual Communication MCO 455 War and the Mass Media MCO 460 Race, gender, and Media MCO 465 Sports and Media MCO 473 Sex, Love & Romance in Mass Media | 3 | | | Grade of C | |
| MCO 494 Special Topics | | | | | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| NTR 448: Community Nutrition (L) | 3 | | | Grade of C | |
| NTR 401: Professional Practice in Food Management | 3 | \boxtimes | | Grade of C | |
| NTR 494: Nutrition in the Media | 3 | \boxtimes | | Grade of C | |
| Complete one additional course from: MCO 430 International Mass Communication MCO 435 Emerging Media Technologies MCO 450 Visual Communication MCO 455 War and the Mass Media MCO 460 Race, gender, and Media MCO 465 Sports and Media MCO 473 Sex, Love & Romance in Mass Media MCO 494 Special Topics | 3 | | | | |
| Upper division elective | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120 | Total Hrs at ASU (30 | Hrs Resident Credit | Major GPA (2.000 | Total upper division | Total Comm. College Hrs. (64 | Total Hours (120 |
|------------------|----------------------|-----------------------------|------------------|----------------------|------------------------------|------------------|
| minimum) | minimum) | for Academic | Min.) | Hrs (45 minimum) | maximum) | minimum) |
| | | Recognition (56 minimum) | | | · | · |
| | | (50 mmmam) | | | | |
| | | | | | | |

Additional Notes:

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Nutrition (Food & Nutrition Management) - Bachelor of Science (B.S.)

College of Nursing & Health Innovation | Catalog Year: 2010-2011

| | | | | nster Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|--------|-------------|--------------|-----------------------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only |
| CHM 101: Introductory Chemistry (SQ) OR | 3 or 4 | | | Grade of C in CHM | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 142: College Mathematics (MA) ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | | | | 101 | determines placement into first-year |
| | | | | Grade of C | composition courses ASU Math Placement Exam score determines |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | placement in Mathematics course • Minimum grade of "C" required in all critical |
| PGS 101: Intro Psychology (SB) Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | | | | | courses |
| US (C), Global Awareness (G) or Historical Awareness (H) NTR 150: Introduction to Professions in Nutrition and Dietetics OR | 3 | | | | |
| Elective | 1 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | 1 | ì | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | | | | | Minimum grade of "C" required in all critical courses |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Coulde |
| Complete remaining course from: CHM 101: Introductory Chemistry (SQ) OR | 3 or | | | Grade of C in CHM | |
| MAT 142: College Mathematics (MA) | 4 | | | 101 | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | | | | | |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS NTR 100: Introductory Nutrition OR | | | | | Minimum grade of "C" required in all critical |
| NTR 241: Human Nutrition | 3 | | | Grade of C | courses |
| MIC 205: Microbiology AND MIC 206: Microbiology Lab (SG) | 3/1 | | | | Completed First-Year Composition Requirement |
| Upper division Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness | | | | | Requirement |
| (H) | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| Elective | 2 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| NTR 142: Applied Food Principles | 3 | | | Grade of C | Minimum grade of "C" required in all critical courses |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | Remaining critical requirement courses |
| Elective | 3 | | | | completed with a grade of C or better (CHM 101, NTR 100 or 241 and NTR 142) |
| Elective | 3 | | | | (CHIVI 101, INTR 100 01 241 and INTR 142) |
| Elective TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| NTR 345: Development of Healthy Cuisines | 3 | \boxtimes | | Grade of C | Minimum grade of "C" required in all critical |
| NTR 344: Nutrition Services Management (L) | 3 | ⊠ | | Grade of C | courses |
| BUA 381: Small Business Accounting and Finance | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Upper Division Elective | 3 | \boxtimes | | Grade of C | Minimum grade of "C" required in all critical courses |
| NTR 300: Computer Applications to Nutrition (CS) | 3 | \boxtimes | | Grade of C | courses |
| ENG 301: Writing for Professions (L) OR TWC 301: General Principles of Multimedia Writing (L) | 3 | \boxtimes | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| NTR 343: Food Service Purchasing | 3 | \boxtimes | | Grade of C | Minimum grade of "C" required in all critical |
| Nutrition Elective (any upper division NTR class) | 3 | | | Grade of C | courses |
| Complete one management course from: BUA 380: Small Business Leadership | 3 | \boxtimes | | | |
| MGT 300: Organization & Management Leadership | | | | | |
| MGT 380: Management & Strategy for Nonmajors | | | | | |
| MGT 394: Special Topics Upper division Elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | |



Major Map: Nutrition (Food & Nutrition Management) - Bachelor of Science (B.S.)

College of Nursing & Health Innovation | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|------|-------------------|--------------------------|------------------------------|---|
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| NTR 401: Professional Practice in Food Management | 3 | \boxtimes | | Grade of C | Minimum grade of "C" required in all critical |
| NTR 445: Management of Food Service System | 3 | \boxtimes | | Grade of C | courses |
| Complete one marketing course from: BUA 382: Small Business Sales & Market Development MKT 300: Marketing & Business Performance MKT 394: Special Topics | 3 | \boxtimes | | | |
| NTR 442: Experimental Foods | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total upper division Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) | Total Hours (120 minimum) |
|---------------------------|-------------------------------|--|---------------------------|--|---------------------------------------|---------------------------|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map : Criminal Justice & Criminology – Bachelor of Science (B.S.) College of Public Programs | Catalog Year: 2010-2011

| | | | Competed Transf ☐ MAPP ☐ TA | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|------------------------------|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1110. | Bivision | Course Grade | required | riddinomii Critour Filoning Foto |
| CRJ 100: The Justice System (SB) | 3 | | | Grade of C | ASU 101 is for ASU freshman students only. |
| ASU 101: The ASU Experience | 1 | | | | Not required of transfer students. • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 101 or 102: First-Year Composition OR | | | | | determines placement into first-year composition |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | courses. • ASU Math Placement Exam score determines |
| Humanities/Fine Arts (HU) | 3 | | | | placement in Mathematics course. |
| Social/Behavioral Science (SB) with Awareness Area (G, or H) | 3 | | | | Complete Mathematics (MA) by end of semester |
| | | | | | Complete First-Year Composition by end of |
| | | _ | | | semester 3. |
| Natural Science General (SG) or Quantitative (SQ) | 4 | | | | Minimum 2.0 ASU cumulative GPA |
| TERM TWO: 16-30 CREDIT HOURS | 3 | | | Crado of C | MAT 142 (MA) or higher completed. |
| MAT 142: College Mathematics/or higher (MA) | 3 | | | Grade of C Grade of C | Minimum 2.0 ASU cumulative GPA. |
| CRJ 294: Introduction to Criminology ENG 101 or 102: First-Year Composition OR | 3 | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | 2 | | | G 1 6G | |
| ENG 107 or 108: English for Foreign Students Public Programs interdisciplinary requirement (select course from list | 3 | | | Grade of C | |
| in additional notes below) | 3 | | | | |
| Elective (Recommended PGS 101 or SOC 101) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| CRJ 294: Criminal Justice Crime Control Policies and Practice | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Literacy & Critical Inquiry (L) | 3 | | | | Minimum 2.0 ASU cumulative GPA. |
| Natural Science Quantitative (SQ) | 4 | | | | |
| Humanities/Fine Arts (HU) with Awareness Area (G, or H) Public Programs interdisciplinary requirement (select course from list | 3 | | | | |
| in additional notes below) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| CRJ 303: Statistical Analysis (CS) | 3 | | | Grade of C | Minimum 2.0 ASU cumulative GPA. |
| CRJ 200 level elective | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | ı | | | | |
| CRJ 302: Research Methods | 3 | | | Grade of C | |
| CRJ 200 level elective Upper division Humanities/Fine Arts (HU) or Social/Behavioral | 3 | | | Grade of C | |
| Science (SB) | 3 | | | | |
| Upper division related area | 3 | × | | Grade of C | |
| Public Programs interdisciplinary requirement (select course from list | 3 | | | | |
| in additional notes below) TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| CRJ 394: Advanced Criminology Theory | 3 | \boxtimes | | Grade of C | |
| Upper division Literacy & Critical Inquiry (L) | | | | Grade or c | |
| (CRJ 470: Discretionary Justice (L) strongly recommended) | 3 | | | Grade of C | |
| CRJ 300 level Elective | 3 | | | Grade of C | |
| CRJ 300 level Elective | 3 | | | Grade of C | |
| Elective | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS CRJ 305: Gender, Crime and Criminal Justice (C) or CRJ 306: Race, | | | | Grade of C | |
| Ethnicity and Justice (C) | 3 | | | Grade of C | |
| CRJ 300 level Elective | 3 | | | Grade of C | |
| Upper division related area | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Upper Division Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| CRJ 400 level Elective | 3 | | | Grade of C | |
| CRJ 400 level Elective | 3 | | | Grade of C | |
| Upper Division Elective | 3 | | | | |
| CRJ 485: Student Assessment | 0 | | | | |
| Elective Course | 3 | | | | |



Major Map: Criminal Justice & Criminology – Bachelor of Science (B.S.)

College of Public Programs | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total Hrs at ASU | Resident Credit for Academic | Major GPA | Total UD Hrs | Total Comm. College |
|-------------------|------------------|------------------------------|-------------|--------------|---------------------|
| | (minimum 30) | Recognition (minimum 56) | (2.50 Min.) | (minimum 45) | Hrs. (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following list):

Courses must be taken in at least two different areas. It is recommended that courses at the 300 and 400 level be taken in terms 5-8*. These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area

- PRM 120: Leisure and the Quality of Life (SB)
- PRM 380: Wilderness and Parks in America (SB, H) *

Area 2

- URB 240: Urban Policy (C)
- URB 300: Intro to Urban and Metropolitan Studies (C) *
- PAF 410: Building Leadership Skills (SB) *
- PAF 411: Leadership and Change (SB) *

Area 3

- SWU 171: Introduction to Social Work (SB,H)
- SWU 250: Stress Management Tools (SB)



Major Map : Nonprofit Leadership & Management – Bachelor of Science (B.S.) College of Public Programs | Catalog Year: 2010-2011

| | | | Competed Transfe ☐ MAPP ☐ TAG | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|--------------------------------|------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | 0 1 10 | ASU 101 is for ASU freshman students only |
| NLM 160: Voluntary Action and Community Leadership (SB) | 3 | | | Grade of C | Not required of transfer students |
| SOC 101: Introductory Sociology (SB) | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| ASU 101: The ASU Experience ENG 101 or 102: First-Year Composition or | 1 | | | | determines placement into first-year composition courses |
| ENG 105: Advanced First-Year Composition or | | | | | ASU Math Placement Exam score determines |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course |
| MAT 142: College Mathematics (MA) | 3 | | | | MAT course must be completed by end of term 3 |
| | | | | | MILESTONE: Recommend meeting with |
| Public Programs interdisciplinary requirement- | |] | | | advisor to discuss career field experience |
| (see course list on pg., 2) | 3 | | | | requirement |
| TERM TWO: 16-30 CREDIT HOURS NLM 210: Community Services and Profession | 3 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition or | 3 | Ш | | Grade of C | |
| ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | _ |] | | | |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| Computer/Statistics/Quantitative (CS) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS NLM 220: Introduction to Nonprofit Organizations | 3 | | | Grade of C | First-year composition requirement completed |
| NLM 301: Sustainable Communities | 3 | | | Grade of C | MAT 142 (MA requirement) completed |
| Science Quantitative (SQ) or Science General (SG) | 4 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 4 | | | | |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| Public Programs interdisciplinary requirement (select course from list | 2 | | | | |
| in additional notes on pg. 2) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 3 | | | Crede of C | |
| COM 225: Public Speaking (L) | 3 | | | Grade of C | |
| NLM 302: Inclusive Community Development (C) NLM Related Area course (select course from list in additional notes | 3 | | | Grade of C | |
| on pg. 2) | 3 | | | Grade of C | |
| PRM 303: Program Planning (L) | 3 | \boxtimes | | | |
| Upper division Humanities, Fine Arts & Design (HU) or | , | ⊠ | | | |
| Social & Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS | 3 | \boxtimes | | | |
| NLM 300: Fund Raising and Resource Development | 3 | \boxtimes | | Grade of C | |
| NLM 410: Social Entrepreneurship | 3 | | | Grade of C | |
| Upper division NLM Related Area course (select course from list in | 3 | | | Grade of C | |
| additional notes on pg. 2) | 3 | \boxtimes | | Grade of C | |
| NLM Related Area course (select course from list in additional notes on pg. 2) | 3 | | | Grade of C | |
| Public Programs interdisciplinary requirement (select course from list | 3 | | | Grade of C | |
| in additional notes on pg. 2) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | i | |
| NLM 310: Volunteer Management | 3 | ⊠ | | Grade of C | |
| NLM 430: Managing Nonprofit Organizations | 3 | \boxtimes | | Grade of C | |
| Upper division NLM Related Area course (select course from list in additional notes on pg. 2) | 3 | | | Grade of C | |
| Elective | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | J | | | | |
| NLM 402: Assessment and Evaluation of Community Services | 3 | \boxtimes | | Grade of C | |
| NLM 403: Pre-Internship Workshop | 1 | | | Grade of C | |
| Upper division Elective | 3 | | | | |
| Elective | 3 | | | | |
| | | | | | |
| Elective Elective | 3 2 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| NLM 463: Senior Internship | 12 | \boxtimes | | Grade of C | |



Major Map: Nonprofit Leadership & Management -

Bachelor of Science (B.S.)

College of Public Programs | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following list).

- Courses must be taken in at least two different areas.
- It is recommended that courses at the 300 and 400 level be taken in terms 5-8*.
- These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area 1

• CRJ 100: The Justice System (SB)

Area 2

- URB 240: Urban Policy (C)
- URB 300: Urban & Metropolitan Studies *
- PAF 410: Building Leadership Skills (SB)*
- PAF 411: Leadership & Change (SB)*

Area 3

- SWU 171: Introduction to Social Work (SB, H)
- SWU 250: Stress Management Tools (SB)

NLM Related Area (must complete 4 courses from the following):

- ACC 382: Accounting & Financial Analysis OR ACC 394 *SURV* ACC*,
- COM 259: Communication in Business & the Professions
- COM 263: Elements Intercultural Communication (SB, C, G)
- MGT 380: Management & Strategy for Non-majors
- MKT 395: Essentials of Advertising and Marketing Communication
- NLM 320: Professional Development Seminar
- NLM 420: American Humanics Institute
- NLM 435: Service Learning for Community Development
- PRM 304: Recreation Planning & Facility Development
- PGS 350: Social Psychology (SB)
- SOC 241: Modern Social Problems (SB)
- TDM 448: Heritage & Cultural Tourism



Major Map: Parks & Recreation Management -Bachelor of Science (B.S.) College of Public Programs | Catalog Year: 2010-2011

| | | | Competed Trans ☐ MAPP ☐ T | sfer Pathway: AG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|----------------------------|--------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | ENGLE EIGETC/CSOGE ENGLE |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | _ |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | | | | | Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 105: Advanced First-Year Composition of ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | | | Grade of C | composition courses ASU Math Placement Exam score determines |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | placement in Mathematics course |
| Social & Behavioral Science (SB) or Humanities, Fine Arts & | | _ | | | MAT course must be completed by end of |
| Design (HU) | 3 | | | | semester 3 MILESTONE – Recommend meeting with |
| Public Programs interdisciplinary requirement (select course on pg. | | | | | advisor to discuss career field experience |
| 2) | 3 | | | | requirement |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| PRM 210: Community Services and Professions | 3 | | | Grade of C | |
| Computer/statistics/quantitative applications (CS) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| COM 225: Public Speaking (L) | 3 | | | Grade of C | Completion of First-Year Composition Completion of First-Year Composition |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | requirement (ENG 101/107 AND ENG 102/108 or ENG 105) with minimum grades of C |
| Humanities, Fine Arts & Design (HU) or Social & Behavioral | 2 | | | | Completion of MAT 142 or higher with a |
| Science (SB) Global Awareness (G) | 3 | | | | minimum grade of C |
| | 3 | | | | _ |
| Public Programs interdisciplinary requirement (select course pg. 2) TERM FOUR: 46-60 CREDIT HOURS | 3 | | | | |
| PRM 301: Sustainable Communities | 3 | | | Grade of C | |
| PRM 302: Inclusive Community Development (C) | 3 | | | Grade of C | - |
| PRM 303: Program Planning (L) | 3 | | | Grade of C | - |
| PRM 380: Wilderness & Parks in America (SB, H) | 3 | | | Grade of C | - |
| PRM Related Area (see course list on pg. 2) | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| PRM 304: Recreation Planning and Facility Development | 3 | \boxtimes | | Grade of C | |
| PRM Related Area (see course list on pg. 2) | 3 | | | Grade of C | |
| PRM Related Area (see course list on pg. 2) | 3 | | | Grade of C | 7 |
| Elective | 3 | | | | |
| Upper division Humanities, Fine Arts & Design (HU) or | | _ | | | |
| Social Behavioral Science (SB) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | Π | | 6 1 66 | |
| PRM 401: Management of Parks and Recreation Services | 3 | | | Grade of C | - |
| PRM Related Area(see course list on pg. 2) | | | | Grade of C | - |
| Upper Division PRM Related Area-(see course list on pg. 2) | 3 | | | Grade of C | _ |
| Upper division Elective Public Programs interdisciplinary requirement (select course from | 3 | | | | _ |
| list in additional notes below) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | _ | |
| PRM 402: Assessment and Evaluation of Community Services | 3 | | | Grade of C | |
| PRM 403: Pre-Internship Workshop | 1 | \boxtimes | | Grade of C | |
| PRM Related Area | 3 | | | Grade of C | |
| PRM Related Area | 3 | | | Grade of C | _ |
| Upper division Elective | 3 | \boxtimes | | | |
| Upper division Elective | 2 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| PRM 463: Senior Internship | 12 | | | Grade of C | |



Major Map: Parks & Recreation Management –

Bachelor of Science (B.S.)

College of Public Programs | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following list).

- Courses must be taken in at least two different areas.
- It is recommended that courses at the 300 and 400 level be taken in terms 5-8*.
- These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area 1

0

CRJ 100: The Justice System (SB)

Area 2

- URB 240: Urban Policy (C)
- URB 300: Intro to Urban & Metropolitan Studies *
- o PAF 410: Building Leadership Skills (SB)*
- o PAF 411: Leadership & Change (SB)*

Area 3

- SWU 171: Introduction to Social Work (SB, H)
- o SWU 250: Stress Management Tools (SB)

PRM Related Area (must complete 7 classes from the following - 3 classes must be completed from COMM REC or NAT REC):

Comm Rec

- o PRM 315: Community Recreation Systems
- PRM 368: Sports Management
- o PRM 475: Entrepreneurial Recreation & Tourism

Nat Rec:

- o BIO 319: Environmental Science (non majors) (G)
- o PRM 370: Natural Resource Recreation Planning & Management
- o PRM 470: Environmental Interpretation & Education
- TDM 480: Nature Based Tourism

PRM Electives:

- o NLM 300: Fundraising and Resource Management
- o NLM 310: Volunteer Management
- PGS 350: Social Psychology (SB)
- o PRM 150: Outdoor Pursuits
- PRM 340: Outdoor Survival
- o PUP 301: Intro to Urban Planning (L)
- TDM 205: Intro to Travel & Tourism (G)
- o TDM 350: Tourism Marketing



Major Map: Parks & Recreation Management (Therapeutic Recreation) – Bachelor of Science (B.S.) College of Public Programs | Catalog Year: 2010-2011

| | | | Competed Transf | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-----|-------------|-----------------|------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | • ACII 101 := C ACII for al |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only Not required of transfer students |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | | | Grade of C | composition courses ASU Math Placement Exam score determines |
| MAT 142: College Mathematics (MA) | 3 | | | Grade of C | placement in Mathematics course |
| Public programs interdisciplinary requirement (select course from list on pg. 2) | 3 | | | | MAT course must be completed by end of semester 3 |
| on pg. 2) | 3 | | | | MILESTONE – Recommend meeting with |
| | | _ | | | advisor to discuss career field experience |
| Humanities, Fine Arts & Design (HU) | 3 | | | | requirement |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 or 102: First-Year Composition or | | | | | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| PRM 210: Community Services and Professions | 3 | | | Grade of C | |
| Computer/statistics/quantitative applications (CS) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| COM 225: Public Speaking (L) | 3 | | | Grade of C | Completion of First-Year Composition requirement (ENG 101/107 AND ENG 102/108) |
| BIO 201: Human Anatomy/Physiology I (SG until fall 2011) | 4 | | | Grade of C | or ENG 105) with minimum grades of C |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | Completion of MAT 142 or higher with a |
| CDE 232: Human Development (SB) | 3 | | | Grade of C | minimum grade of C |
| Public Programs interdisciplinary requirement (select course from list on pg. 2) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 5 | | | | |
| PRM 302: Inclusive Community Development (C) | 3 | | | Grade of C | See pg. 2 for elective requirement information. |
| PRM 301: Sustainable Communities | 3 | | | Grade of C | |
| BIO 202 Human Anatomy & Physiology II (SG eff fall 2010) | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| PRM 303: Program Planning (L) | 3 | \boxtimes | | Grade of C | |
| PRM 304: Recreation Planning and Facility Development (offered | | | | 6 1 66 | |
| FALL ONLY) PRM 364: Foundations of Therapeutic Recreation (SB) (offered | 3 | \boxtimes | | Grade of C | - |
| FALL ONLY) | 3 | | | Grade of C | |
| PRM 400: Processes & Techniques in Therapeutic Recreation (offered | _ | - | | | |
| FALL ONLY) | 3 | | | Grade of C | - |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | 0 1 10 | |
| PRM 380: Wilderness & Parks in America (SB, H) PRM 401: Management of Parks and Recreation Services (offered | 3 | ⊠ | | Grade of C | - |
| SPRING ONLY) | 3 | | | Grade of C | |
| PRM 406: Program Design & Evaluation in TR (offered SPRING | | | | | |
| ONLY) PRM 460: Assessment & Documentation in TR (offered SPRING | 3 | | | Grade of C | - |
| ONLY) | 3 | | | Grade of C | |
| Elective | 3 | | | |] |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| PRM 402: Assessment and Evaluation of Community Services | 3 | | | Grade of C | SEE ADVISOR for additional information |
| PRM 403: Pre-Internship Workshop | 1 | | | Grade of C | regarding the abnormal psychology requirement |
| PGS 466 Ab. Psych. *OR any AB. Psych (SB) | 3 | ⊠ | | Grade of C |] |
| Public Programs interdisciplinary requirement (select course from list | _ | | | |] |
| on pg. 2) | 3 | | | | |
| Elective | 3 | | | | |
| Elective | l | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | 6 1 66 | |
| PRM 463: Senior Internship | 12 | \boxtimes | | Grade of C | |



Major Map: Parks & Recreation Management (Therapeutic Recreation) – Bachelor of Science (B.S.)

College of Public Programs | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following list).

- Courses must be taken in at least two different areas.
- It is recommended that courses at the 300 and 400 level be taken in terms 5-8*.
- These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area 1

CRJ 100: The Justice System (SB)

Area 2

- o URB 240: Urban Policy (C)
- URB 300: Intro to Urban & Metropolitan Studies *
- o PAF 410: Building Leadership Skills (SB)*
- PAF 411: Leadership & Change (SB)*

Area 3

- o SWU 171: Introduction to Social Work (SB, H)
- SWU 250: Stress Management Tools (SB)

Therapeutic Recreation Human Services Elective

- Complete one course from the following list with a minimum grade of C:
 - o ASB 353: Death & Dying in Cross-Cultural Perspective (G, HU or SB)
 - o BIO 202: Human Anatomy & Physiology II
 - NLM 300: Fund Raising & Resource Development fall only
 - o NLM 310: Volunteer Management spring only,
 - o NTR 241: Human Nutrition
 - o PGS 270: Psychology of Adjustment (SB)
 - o SOC 312: Sociology of Adolescence (SB)
 - SWU 250: Stress Management Tools
 - SWU 301: Human Behavior in the Social Environment (L)
 - SWU 337: Early Childhood Intervention



Major Map: Public Policy – Bachelor of Science (B. S.) College of Public Programs | Catalog Year: 2010-2011

| | | | Competed Transfer Pathway: MAPP TAG ATP None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|---|------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | IIIS. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ENG 101 or 102: First-Year Composition or | | | | | ASU 101 is for ASU freshman students only |
| ENG 105: Advanced First-Year Composition or | 3 | | | Grade of C | Not required of transfer students |
| ENG 107 or 108: English for Foreign Students | 1 | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ASU 101: The ASU Experience Public Programs interdisciplinary requirement (select course | 1 | | | | composition courses |
| from list in additional notes below) (SB) | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| Complete two courses from: MAT 142: College Algebra (MA) POS 110: American National Government (SB) SOC 101: Introduction to Sociology (SB) | 3 | | | Grade of C | placement in Mauremanics course |
| Complete <i>one</i> course from: Global Awareness(G) and/or Historical Awareness (H) and/or Cultural Diversity in the U.S. (C) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 or 102: First-Year Composition or | | | | | |
| ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | | |
| Public Programs interdisciplinary requirement (select course from list in additional notes below) (SB) | 3 | | | Grade of C | |
| Natural Science – Quantitative (SQ) | 4 | | | | |
| PAF 200: Introduction to Public Policy | 3 | | | Grade of C | |
| Complete remaining course from: MAT 142: College Algebra (MA) POS 110: American National Government (SB) SOC 101: Introduction to Sociology (SB) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| PAF 201: Economics of Public Affairs | 3 | | | Grade of C | |
| ENG 216: Persuasive Writing on Public Issues | 3 | | | Grade of C | |
| Natural Science – Quantitative (SQ) or Natural Science – General (SG) | 4 | | | | |
| Complete <i>one</i> course from: Global Awareness(G) and/or Historical Awareness (H) and/or Cultural Diversity in the U.S. (C) | 3 | | | | |
| Humanities (HU) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| PAF 411: Leadership and Change | 3 | \boxtimes | | Grade of C | |
| COM 222: Public Speaking | 3 | | | Grade of C | |
| Upper Division Social and Behavioral Science (SB) | 3 | \boxtimes | | | |
| Complete <i>remaining</i> course from: Global Awareness(G) and/or Historical Awareness (H) and/or Cultural Diversity in the U.S. (C) | 3 | | | | |
| PAF 301: Intro to applied statistics or Upper Division Elective | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| PAF 301: Intro to applied statistics or Upper Division Elective | 3 | | | Grade of C | |
| PAF 340: Public Policy | 3 | | | Grade of C | |
| PAF 302: Public Sector Research | 3 | | | Grade of C | |
| Concentration course 1 | 3 | | | Grade of C | |
| Concentration course 2 | 3 | | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS PAF 460: Public Service Ethics | 3 | \boxtimes | | Grade of C | |
| Concentration course 3 | 3 | | | Grade of C | |
| Concentration course 4 | 3 | | | | |
| Public Programs interdisciplinary requirement (select course from | | | | C1fC | |
| list in additional notes below) (SB) | 3 | | | Grade of C | |
| Upper Division Humanities (HU) | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| PAF 400: Senior Project | 3 | | | Grade of C | |
| Upper Division Literacy (L) | 3 | | | | |
| Upper Division Elective Upper Division Elective | 3 | | | | |
| PAF 484: Internship or Upper Division Elective | 3 | | | | 1 |
| 1 AT 404. Internship of Opper Division Elective | ر | | | | |



Major Map: Public Policy – Bachelor of Science (B. S.) College of Public Programs | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|------|-------------|--------------|------------------|---------------------------------------|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| PAF 484: Internship | 3 | \boxtimes | | Grade of C | |
| Upper Division Elective or PAF 400: Senior Project | 3 | | | | |
| Upper Division Elective | 3 | \boxtimes | | | |
| Elective | 3 | | | | ļ |

Graduation Requirements Summary:

| | Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| ĺ | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following list).

- Courses must be taken in at least two different areas.
- It is recommended that courses at the 300 and 400 level be taken in terms 5-8*.
- These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area 1

• CRJ 100: The Justice System (SB)

Area 2

- URB 240: Urban Policy (C)
- URB 300: Intro to Urban & Metropolitan Studies *
- PAF 410: Building Leadership Skills (SB)*
- PAF 411: Leadership & Change (SB)*

Area 3

- PRM 120: Leisure and the Quality of Life (SB)
- PRM 380: Wilderness and Parks in America (SB, H)*



Major Map: Social Work – Bachelor of Social Work (B.S.W.) College of Public Programs | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|----------|-------------------------|--------------------------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only Not |
| Complete two courses from: ECN 211: Macroeconomics Principles (or SWU 194: Economic Social Issues Perspective) PGS 101: Introduction to Psychology (SB) (or SOC 101: Introduction to Sociology (SB)) POS 110: American National Government (SB) SWU 171: Intro to Social Work (SB, H) SWU 291: Social Service Delivery Systems SWU 295: Foundations of Social Work Practice (SB, C) | 6 | | | Grade of C in SWU courses | required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • Minimum cumulative ASU 2. 0 GPA • MILESTONE –Recommended meeting with advisor to discuss human services experience |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | requirement. |
| MAT 142: College Mathematics (MA) Public Programs interdisciplinary requirement (select course from list | 3 | | | | |
| in additional notes below) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete two additional courses from: ECN 211: Macroeconomics Principles (or SWU 194: Economic Social Issues Perspective) PGS 101: Introduction to Psychology (SB) (or SOC 101: Introduction to Sociology (SB)) POS 110: American National Government (SB SWU 171: Intro to Social Work (SB, H) SWU 291: Social Service Delivery Systems SWU 295: Foundations of Social Work Practice (SB, C) | 6 | | | Grade of C in SWU courses | Minimum cumulative ASU 2. 0 GPA |
| ENG 101 or 102: First-Year Composition or | | | | | |
| ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Approved non-English or Sign Language sequence or cultural diversity | | | | Grade of C | |
| sequence (See Advisor for course list) | 4 | | | | |
| Elective | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS Complete one additional course from: ECN 211: Macroeconomics Principles (or SWU 194: Economic Social Issues Perspective) PGS 101: Introduction to Psychology (SB) (or SOC 101: Introduction to Sociology (SB)) POS 110: American National Government (SB SWU 171: Intro to Social Work (SB, H) SWU 291: Social Service Delivery Systems SWU 295: Foundations of Social Work Practice (SB, C) SWU 303: Human Behavior in the Social Environment (L) | 3 | | | Grade of C in SWU courses | Completion of MAT 142 (or higher) by end of term 3 Completion of PGS 101 or SOC 101 and first-year composition requirement with minimum grades of C (in first-year composition) by end of term 3 Minimum cumulative ASU 2. 0 GPA Minimum 2.75 cumulative GPA for SWU 171, 291, 295, 303 and 310 |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| Approved non-English or Sign Language sequence or cultural diversity sequence (See Advisor for course list), or if completed, take Elective | 4 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | · | | | | |
| Complete one additional course from: ECN 211: Macroeconomics Principles (or SWU 194: Economic Social Issues Perspective) PGS 101: Introduction to Psychology (SB) (or SOC 101: Introduction to Sociology (SB)) POS 110: American National Government (SB SWU 171: Intro to Social Work (SB, H) SWU 291: Social Service Delivery Systems SWU 295: Foundations of Social Work Practice (SB, C) SWU 303: Human Behavior in the Social Environment (L) | 3 | | | Grade of C in SWU 171, 291, 295, 303 | Completion of the following courses with a minimum grade of C: SWU 171, SWU 291 Completion of least one approved non-English or Sign Language sequence or cultural diversity sequence course Minimum ASU cumulative 2.0 GPA Minimum 2.75 cumulative GPA for SWU 171, 291, 295, 303 and 310 |
| Humanities, Fine Arts & Design (HU) Approved non-English or Sign Language sequence or cultural diversity | 3 | | | | |
| sequence (See Advisor for course list), or if completed, take Elective | 4 | | | | |
| Public Programs interdisciplinary requirement (select course from list in additional notes below | 3 | | | | |



Major Map: Social Work – Bachelor of Social Work (B.S.W.) College of Public Programs | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|--|-------|-------------------|--------------------------|--|--|
| TERM FIVE: 61-75 CREDIT HOURS | 1113. | Division | Course/Grade | Required | Additional Critical Requirement Potes |
| Complete all remaining courses from: ECN 211: Macroeconomics Principles (or SWU 194: Economic Social Issues Perspective) PGS 101: Introduction to Psychology (SB) (or SOC 101: Introduction to Sociology (SB) POS 110: American National Government (SB SWU 171: Intro to Social Work (SB, H) SWU 291: Social Service Delivery Systems SWU 295: Foundations of Social Work Practice (SB, C) SWU 303: Human Behavior in the Social Environment (L) | 3 | ⊠ | | Grade of C in SWU 171, 291, 295, 303 | Minimum 2.75 cumulative GPA for SWU 171, 291, 295, 303, and 310. ASU cumulative GPA of 2.0 or higher MILESTONE – Successful submission and review of: Statement of Educational and Career Goals. Two approved letters of reference Documented completion of 60 hours of human services experience. |
| SWU 310: Social Work Practice I | 3 | | | Grade of C | |
| SWU 321 Statistics for Social Workers (preferred) or any other (CS) statistics course | 3 | ⋈ | | | |
| SWU 320 Research Methods for Social Workers | 3 | | | Grade of C | |
| Approved non-English or Sign Language sequence or cultural diversity sequence (See Advisor for course list), or if completed, take Elective | 4 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| SWU 340: Human Behavior in the Social Environment I (SB) | 3 | | | Grade of C | |
| SWU 374: Diversity and Oppression in a Social Work Context | 3 | | | Grade of C | |
| Any science with lab for SQ or SG | 4 | | | | |
| PHI 105: Intro to Ethics (HU) or PHI 306: Applied Ethics (HU) | 3 | \boxtimes | | | |
| Public Programs interdisciplinary requirement (select course from list in additional notes below) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| SWU 432: Social Policy and Service | 3 | \boxtimes | | Grade of C | |
| SWU 410: Social Work Practice II | 3 | \boxtimes | | Grade of C | |
| SWU 412: Field Instruction I | 3 | \boxtimes | | Grade of C | |
| SWU 413: Field Instruction Seminar | 3 | \boxtimes | | Grade of C | |
| Global Awareness (G) | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SWU 411: Social Work Practice III | 3 | | | Grade of C | |
| SWU 414: Field Instruction Seminar | 3 | \boxtimes | | Grade of C | |
| SWU 415: Integrative Field Seminar | 3 | \boxtimes | | Grade of C | |
| SWU 442: Intro to Practice with Children and Families or an approved social work selective (see advisor for course list) | 3 | \boxtimes | | Grade of C | |
| Elective or SWU 302: Human Biology for Social Workers | 3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following list).

- Courses must be taken in at least two different areas.
- It is recommended that courses at the 300 and 400 level be taken in terms 5-8*.
- These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area 1

• CRJ 100: The Justice System (SB)

Area 3

- PRM 120: Leisure and the Quality of Life (SB)
- PRM 380: Wilderness and Parks in America (SB, H)*

Area 2

- URB 240: Urban Policy (C)
- URB 300: Intro to Urban & Metropolitan Studies *
- PAF 410: Building Leadership Skills (SB)*
- PAF 411: Leadership & Change (SB)*



Major Map: Tourism Development & Management – Bachelor of Science (B.S.) College of Public Programs | Catalog Year: 2010-2011

| | | | Competed Trans ☐ MAPP ☐ ☐ | SIET Pathway: SAG ATP None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|---|-------------|----------------------------|--|---|
| Course Subject and Title | TT | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | | | Grade of C | ASU 101 is for ASU freshman students only Not |
| ENG 101 or 102: First-Year Composition or | | | | Grade of C | required of transfer students |
| ENG 105: Advanced First-Year Composition or | 2 | | | 0 1 00 | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | courses |
| MAT 142: College Mathematics (MA) ASU 101: The ASU Experience | 1 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| Social & Behavioral Science (SB) | 3 | | | | MILESTONE – Recommend meeting with |
| , , | , | | | | advisor to discuss career field experience |
| Public Programs interdisciplinary requirement (select course from list in additional notes below) | 3 | | | | requirement |
| TERM TWO: 16-30 CREDIT HOURS | , | | | | |
| Complete 1 course from: | | | | | |
| TDM 210: Community Services and Professions | | | | | |
| TDM 205: Introduction to Travel and Tourism (G) ENG 101 or 102: First-Year Composition or | 3 | | | Grade of C | |
| ENG 105: Advanced First-Year Composition or | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative (CS) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS Complete remaining course from: | | | | | Completion of First-Year Composition |
| TDM 210: Community Services and Professions | | | | | requirement with minimum grades of C |
| TDM 205: Introduction to Travel and Tourism (G) | 3 | | | Grade of C | Completion of MAT 142 or higher with a |
| TDM 301: Sustainable Communities | 3 | ⊠ | | Grade of C | minimum grade of C |
| Natural Science Quantitative (SQ) or General (SG) | 4 | | | | |
| Humanities, Fine Arts & Design (HU) Public Programs interdisciplinary requirement (select course from | 3 | | | | |
| list in additional notes below) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| | | | | | |
| COM 225: Public Speaking (L) | 3 | | | Grade of C | |
| COM 225: Public Speaking (L) TDM 302: Inclusive Community Development (C) | 3 | ⊠ ⊠ | | Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing | | | | | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes | 3 | ⊠ ⊠ | | Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) | 3 | ⊠ | | Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes | 3 | ⊠ ⊠ | | Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or | 3 3 | ⊠ ⊠ □ | | Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) | 3 3 | ⊠ ⊠ □ | | Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) | 3 3 3 | | | Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes | 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C | |
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| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) | 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS | 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management | 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) | 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems | 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) | 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems TDM Related Area course (select course from list in additional notes | 3 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems TDM Related Area course (select course from list in additional notes below) | 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems TDM Related Area course (select course from list in additional notes below) Elective | 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems TDM Related Area course (select course from list in additional notes below) Elective TERM SEVEN: 91-105 CREDIT HOURS | 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems TDM Related Area course (select course from list in additional notes below) Elective TERM SEVEN: 91-105 CREDIT HOURS TDM 345: Meeting and Convention Planning | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems TDM Related Area course (select course from list in additional notes below) Elective TERM SEVEN: 91-105 CREDIT HOURS TDM 345: Meeting and Convention Planning TDM 402: Assessment and Evaluation of Community Services | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems TDM Related Area course (select course from list in additional notes below) Elective TERM SEVEN: 91-105 CREDIT HOURS TDM 345: Meeting and Convention Planning TDM 402: Assessment and Evaluation of Community Services TDM 403: Pre-Internship Workshop | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems TDM Related Area course (select course from list in additional notes below) Elective TERM SEVEN: 91-105 CREDIT HOURS TDM 345: Meeting and Convention Planning TDM 402: Assessment and Evaluation of Community Services TDM 403: Pre-Internship Workshop Elective | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |
| TDM 302: Inclusive Community Development (C) TDM 350: Tourism Marketing TDM Related Area course (select course from list in additional notes below) UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB) TERM FIVE: 61-75 CREDIT HOURS TDM 325: Tourism Accommodations TDM 372: Tourism Planning (L) TDM Related Area course (select course from list in additional notes below) Historical Awareness (H) Public Programs interdisciplinary requirement (select course from list in additional notes below) TERM SIX: 76-90 CREDIT HOURS TDM 401: Tourism Management TDM 458: International Tourism (G) TDM 415: Tourism Transportation Systems TDM Related Area course (select course from list in additional notes below) Elective TERM SEVEN: 91-105 CREDIT HOURS TDM 345: Meeting and Convention Planning TDM 402: Assessment and Evaluation of Community Services TDM 403: Pre-Internship Workshop Elective | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | |



Major Map: Tourism Development & Management -

Bachelor of Science (B.S.)

College of Public Programs | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following list. Courses must be taken in at least two different areas. *Preferably, courses at the 300 and 400 level, should be taken in terms 5-8):

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|---------------|------|--|
| $\overline{}$ | I Ca | |

o CRJ 100: The Justice System (SB)

Area 2

- o URB 240: Urban Policy (C)
- o URB 300: Intro to Urban & Metropolitan Studies (SB)*
- PAF 410: Building Leadership Skills (SB)*
- PAF 411: Leadership & Change (SB)*

Area 3

- $\circ\quad$ SWU 171: Introduction to Social Work (SB, H)
- o SWU 250: Stress Management Tools (SB)

TDM Related Area (must complete 3 classes (9 credits)from the following):

- PRM 304: Recreation Planning and Facility Development
- PRM 368: Sports Management
- PRM 380: Wilderness & Parks in America (SB, H)
- PRM 475: Entrepreneurial Recreation & Tourism
- TDM 386: Convention Sales & Management
- TDM 448: Heritage & Cultural Tourism
- TDM 480: Nature Based Tourism



Major Map: Urban & Metropolitan Studies – Bachelor of Arts (B.A.) College of Public Programs | Catalog Year: 2010-2011

| | | | | nsfer Pathway: ∃TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|--------------|-----------------------------------|--|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| Complete 1 course from: MAT 142: College Mathematics (MA) URB 220: Urban Governance URB 240: Urban Policy (C) | 3 | | | Grade of C | ASU 101 is for ASU freshman students only Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ASU 101: The ASU Experience | 1 | | | | composition courses |
| ENG 101 or 102: First-Year Composition ENG 105: Advanced First-Year Composition ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course Non-English language course requirement, 202 |
| Second language or URB elective, if 202 level completed | 3-4 | | | | proficiency or higher is required. • Minimum cumulative ASU 2. 0 GPA |
| Public Programs interdisciplinary requirement (select course from list on pg. 2) (SB) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete I cours, not already completed from: MAT 142: College Mathematics (MA) URB 220: Urban Governance URB 240: Urban Policy (C) ENG 101 or 102: First-Year Composition | 3 | | | Grade of C | Minimum cumulative ASU 2. 0 GPA |
| ENG 101 of 102. First-Teal Composition ENG 105: Advanced First-Year Composition ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Computer/Statistics/Quantitative applications (CS) | 3 | | | | |
| Second language or URB elective, if 202 level completed | 3 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | Ш | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete 1 course not already completed from: MAT 142: College Mathematics (MA) URB 220: Urban Governance URB 240: Urban Policy (C) | 3 | | | Grade of C | Completed First-Year Composition requirement (ENG 101/107 AND ENG 102/108 or ENG 105) with minimum grades of C Minimum cumulative ASU 2. 0 GPA |
| Literacy and Critical Inquiry (L) Social & Behavioral Science (SB) | 3 | | | | |
| Second language or URB elective, if 202 level completed | 3 | | | | |
| Public Programs interdisciplinary requirement (select course from list | | | | | |
| in additional notes below) (SB) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Complete 1 course from: URB 300: Urban and Metropolitan Studies OR URB 305: Urban Governance | 3 | | | Grade of C | Non-English language course requirement, 202 proficiency or higher is required. Minimum cumulative ASU 2. 0 GPA |
| URB Related Area course (see advisor for list of acceptable courses) | 3 | | | | |
| Second language or URB elective, if 202 level completed | 4 | | | | |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS URB 301: Urban Research | 2 | | | 0 1 60 | |
| Complete remaining course from: | 3 | \boxtimes | | Grade of C | |
| URB 300: Urban and Metropolitan Studies OR | | _ | | | |
| URB 305: Urban Governance URB Related Area course (see advisor for list of acceptable courses) | 3 | | | | |
| Natural Science Quantative (SQ) or General (SG) | 4 | | | | |
| Upper division Social Behavioral Science (SB) | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| URB 302: Urban Research II | 3 | \boxtimes | | Grade of C | |
| Upper Division URB Related Area course (see advisor for list of | | | | | |
| acceptable courses) URB Related Area course (see advisor for list of acceptable courses) | 3 | | | | |
| Complete remaining course from: | 3 | <u> </u> | | | |
| Upper division Global Awareness (G) or Upper division Historical Awareness (H) | 3 | | | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS URB 400: Senior Professional Seminar | 2 | | | 6 1 66 | |
| URB 410: Urban Leadership and Collaborative Skills | 3 | <u>⊠</u> | | Grade of C | |
| Upper Division URB Related Area course (see advisor for list of | 3 | ⊠ | | Grade of C | 1 |
| acceptable courses) | 2 | | Ī | | İ |
| | 3 | \boxtimes | | | |
| Upper Division URB Related Area course (see advisor for list of acceptable courses) | 3 | <u>⊠</u> | | | |



Major Map: Urban & Metropolitan Studies – Bachelor of Arts (B.A.)

College of Public Programs | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | ALEX LOSS IT IS NO |
|---|------|-------------|--------------|------------------|---|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | , | | | | |
| URB 484: Internship* | 3 | \boxtimes | | | * A minimum of 3 hours much be taken in each: URB |
| Upper Division URB Related Area course (see advisor for list of | | | | | 484 . A maximum of 6 hours may be taken for URB |
| acceptable courses)* | 3 | \boxtimes | | | 484. |
| Upper Division elective | 3 | \square | | | |
| 27 - 10 1 - 0 - 11 (00 | | | | | |
| Natural Science Quantative (SQ | 4 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following list).

- Courses must be taken in at least two different areas.
- It is recommended that courses at the 300 and 400 level be taken in terms 5-8*.
- These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area 1

CRJ 100: The Justice System (SB)

Area 2

- PRM 120: Leisure and Quality of Life (SB)
- PRM 380: Wilderness and Parks in America (SB,H)*

Area 3

- o SWU 171: Introduction to Social Work (SB, H)
- o SWU 250: Stress Management Tools (SB)



Major Map: Urban & Metropolitan Studies – Bachelor of Science (B.S.) College of Public Programs | Catalog Year: 2010-2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|----------|-------------------|--------------------------|---------------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1115. | Bivision | Course, Grade | required | Additional Childul Requirement Fotos |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only Not |
| Complete 1 course from: MAT 142: College Mathematics (MA) URB 220: Urban Governance URB 240: Urban Policy (C) | 3 | | | Grade of C | required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course *Non-English language course requirement, 102 proficiency or higher is required. |
| Complete 1 course from: Global Awareness (G) or Historical Awareness (H) | 3 | | | | Minimum cumulative ASU 2. 0 GPA |
| Public Programs interdisciplinary requirement (select course from list in additional on pg. 2) (SB) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete 1 course not previously completed from: MAT 142: College Mathematics (MA) URB 220: Urban Governance URB 240: Urban Policy (C) | 3 | | | Grade of C | Minimum cumulative ASU GPA 2.0 |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | | |
| Computer/Statistics/Quantitative (CS) | 3 | | | | |
| Natural Science Quantitative (SQ) | 4 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS Complete 1 course not previously completed from: MAT 142: College Mathematics (MA) URB 220: Urban Governance | 3 | | | Grade of C | Completed First-Year Composition requirement (ENG 101/107 AND ENG 102/108 or ENG 105) with minimum grades of C |
| URB 240: Urban Policy (C) | | | | | Minimum cumulative ASU GPA 2.0 |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Social/Behavioral Science (SB) Science Quantitative (SQ) or Science General (SG) | 3 | | | | - |
| Public Programs interdisciplinary requirement (select course from list | <u> </u> | | | | - |
| in additional notes on pg. 2) (SB) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Complete 1 course from: URB 300: Urban and Metropolitan Studies OR URB 305: Urban Governance | 3 | ⊠ | | Grade of C | Minimum cumulative GPA 2.0 |
| URB Related Area courses (see advisor for list of acceptable courses) | 6 | | | | _ |
| Humanities, Fine Arts & Design (HU) | 3 | | | | - |
| Complete remaining course from: Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM FIVE: 61-75 CREDIT HOURS URB 301: Urban Research | 3 | □ | | C1 CC | * PAF 410: Building Leadership Skills or PAF 411: |
| PAF 401: Statistics | 3 | | | Grade of C | Leadership and Change suggested |
| Complete remaining course from: URB 300: Urban and Metropolitan Studies OR URB 305: Urban Governance | 3 | ⊠ | | | |
| URB Related Area course (see advisor for list of acceptable courses) | 3 | | | | 1 |
| Upper division Social Behavioral Science (SB) or (HU)* | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | 0.1.22 | |
| URB 302: Urban Theory Upper division Literacy and Critical Inquiry (L) | 3 | | | Grade of C | - |
| URB Related Area course (see advisor for list of acceptable courses) | 3 | | | | - |
| URB Related Area course (see advisor for list of acceptable courses) | 3 | | | | - |
| Upper division elective | 3 | | | | |



Major Map: Urban & Metropolitan Studies – Bachelor of Science (B.S.)

College of Public Programs | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
|--|------|-------------------|--------------------------|------------------------------|---|--|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| URB 400: Senior Professional Seminar | 3 | \boxtimes | | Grade of C | | |
| URB 410: Urban Leadership and Collaborative Skills | 3 | \boxtimes | | Grade of C | | |
| Upper division URB Related Area course (see advisor for list of acceptable courses) | 3 | ⊠ | | | | |
| Upper division URB Related Area course (see advisor for list of acceptable courses) | 3 | | | | | |
| Public Programs interdisciplinary requirement (select course from list in additional notes below) (SB) | 3 | | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| URB 484: Internship* | 3-6* | \boxtimes | | | * A minimum of 3 hours must be taken in each: URB | |
| Upper division URB Related Area course (see advisor for list of acceptable courses)* | 3 | | | | 484. A maximum of 6 hours of URB 484 may be taken | |
| Upper division URB Related Area course (see advisor for list of acceptable courses)* | 3 | | | | | |
| Upper division URB Related Area course (see advisor for list of acceptable courses)* | 3 | | | | | |
| Upper division Elective | 3 | \boxtimes | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|------------------------------|--|
| | | | | | |

General University Requirements: Legend

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

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following list).

- Courses must be taken in at least two different areas.
- It is recommended that courses at the 300 and 400 level be taken in terms 5-8*.
- These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area 1

• CRJ 100: The Justice System (SB)

Area 2

- PRM 120: Leisure and Quality of Life (SB)
- PRM 380: Wilderness and Parks in America (SB,H)*

Area 3

- SWU 171: Introduction to Social Work (SB, H)
- SWU 250: Stress Management Tools (SB)
- * A minimum of 3 hours, must be taken in each: URB 484. A maximum of 6 hours of URB 484 may be taken



Major Map: Sustainability – Bachelor of Arts (B.A.) School of Sustainability | Catalog Year: 2010-2011

Students pursuing a B.A. in Sustainability can choose from the following four challenge areas/tracks:

- Society and Sustainability
- Policy and Governance in Sustainable Systems
- International Development and Sustainability
- Sustainable Urban Dynamics

Students should meet with an advisor to determine which courses to take within the challenge area/track they are pursuing. The challenge area/track will determine which related disciplinary courses, challenge area/track courses, and challenge area/track electives the student will take.

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|------|----------|--|-----------------------|---|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | Elige Elight, escal Eligib | |
| (courses in bold/shading are critical courses) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirements Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | |
| ASU 101-SOS: The ASU Experience (Required by School) | 1 | | | Grade of C | ASU 101 is for freshman ASU students only. | |
| ENG 101 or 102: First-Year Composition OR | | | | | Not required for transfer students. | |
| ENG 107 or 108: English for Foreign Students OR | | _ | | | An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | determines placement into First-Year | |
| SOS 111: Sustainable Cities (Major Course and HU or SB, G) | 3 | | | Grade of B | Composition courses ASU Math Placement Exam (ALEKS) score | |
| MAT 170: Precalculus (Major Course and MA) | 2 | | | 6 1 66 | determines placement in Mathematics course | |
| (or MAT 117: College Algebra, if this needs to be taken first) | 3 | | | Grade of C | SOS 111 and SOS 110 must be completed by | |
| | | | | | end of term 2 | |
| | | | | | Minimum cumulative 3.0 GPA required in | |
| | | | | | all SOS major courses | |
| | | | | | Minimum cumulative 2.5 GPA in all courses | |
| Second Language (202 level required by school to graduate) | 4 | | | Grade of C | taken at ASU | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| ENG 101 or 102: First-Year Composition OR | | | | | ■ First-Year Composition requirement must | |
| ENG 107 or 108: English for Foreign Students OR | | | | | be completed by end of term 3 | |
| ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | (MA) must be completed by end of term 2 | |
| SOS 110: Sustainable World (Major Course) | 3 | | | Grade of B | SOS 111 and SOS 110 must be completed by | |
| MAT 170: Precalculus (Major Course and MA), or if MAT 170 | | _ | | Grade of C in MAT | end of term 2 | |
| completed, take Elective | 3 | | | 170 | Minimum cumulative 3.0 GPA required in | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | all SOS major courses Minimum cumulative 2.5 GPA in all courses | |
| Second Language (202 level required by school to graduate) | 4 | | | Grade of C | taken at ASU | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| Challenge Area/Track Course (see approved list of courses on | | | | | Students are strongly encouraged to earn a | |
| back)* | 3 | | | Grade of C | minor in an area related to their track. Those | |
| , | | | | Grade of C in Related | who do not complete a minor must complete 12 | |
| Minor or Related Discipline Course*** | 3 | | | Discipline Course | hours of related discipline courses, of which 3 | |
| Literacy and Critical Inquiry (L) | 3 | | | | hours must be upper division | |
| Natural Sciences-Quantitative (SQ) or General (SG) | 4 | | | | ■ 6 (out of 15 required) hours of Challenge | |
| | | | | | Area/Track courses must be completed by end | |
| | | | | | of term 4; one of these courses must be related | |
| | | | | | to the student's track First-year composition requirement must be | |
| | | | | | First-year composition requirement must be completed by end of term 3 | |
| | | | | | Minimum cumulative 3.0 GPA required in | |
| | | | | | all SOS major courses | |
| | | | | | Minimum cumulative 2.5 GPA in all courses | |
| Second Language (202 level required by school to graduate) | 4 | | | Grade of C | taken at ASU | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| Challenge Area/Track Course (see approved list of courses on | | | | | Students are strongly encouraged to earn a | |
| back)* | 3 | | | Grade of C | minor in an area related to their track. Those | |
| | | | | Grade of C in Related | who do not complete a minor must complete 12 | |
| Minor or Related Discipline Course*** | 3 | | | Discipline Course | hours of related discipline courses, of which 3 | |
| | | _ | | Grade of C in Related | hours must be upper division | |
| Minor or Related Discipline Course*** | 3 | | | Discipline Course | 6 (out of 15 required) hours of Challenge | |
| STP 226: Elements of Statistics or Other Approved Statistics Course | | _ | | | Area/Track courses must be completed by end of term 4; one of these courses must be related | |
| (Required by School) and (CS) | 3 | | | | to the student's track | |
| | | | | | MILESTONE: Students must determine | |
| | | | | | which track they are pursuing by end of | |
| | | | | | term 4 | |
| | | | | | MILESTONE: Students must determine | |
| | | | | | which minor or related discipline they are | |
| | | | | | pursuing by end of term 4 | |
| | | | | | Minimum cumulative 3.0 GPA required in | |
| | | | | | all SOS major courses | |
| Second Language (202 level required by school to graduate) | 1 | | | Grade of C | Minimum cumulative 2.5 GPA in all courses taken at ASU | |
| i becond Language (202 level reduired by school to graduate) | 1 4 | | 1 | I Grade of C | Taken at AMU | |



Major Map: Sustainability - Bachelor of Arts (B.A.)

School of Sustainability | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|------|-------------|--------------|--|--|
| (courses in bold/shading are critical courses) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirements Notes |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| Challenge Area/Track Course (see approved list of courses below)* | 3 | | | Grade of C | Students are strongly encouraged to earn a minor |
| Challenge Area/Track Elective (Major Course) ** | | | | | in an area related to their track. Those who do |
| Please see an advisor to determine which electives can be taken | 3 | | | Grade of C | not complete a minor must complete 12 hours of |
| Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | related discipline courses, of which 3 hours must |
| Natural Science-Quantitative (SQ) | 4 | | | | be upper division |
| Minor or Related Discipline Course*** | 3 | | | Grade of C in Related Discipline Course | School statistics requirement must be completed by end of term 5 Minimum cumulative 3.0 GPA required in all SOS major courses Minimum cumulative 2.5 GPA in all courses taken at ASU |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Challenge Area/Track Course (see approved list of courses below)* | 3 | | | Grade of C | Students are strongly encouraged to earn a minor |
| Social and Behavioral Sciences (SB) | 3 | | 1 | | in an area related to their track. Those who do |
| Cultural Diversity in the United States (C) | 3 | | | | not complete a minor must complete 12 hours of |
| SOS Elective (Major Course) (must be a 300 or 400-level course) | 3 | | | Grade of C | related discipline courses, of which 3 hours must |
| Minor or General Elective Course | 3 | | | | Minimum cumulative 3.0 GPA required in all SOS major courses Minimum cumulative 2.5 GPA in all courses taken at ASU |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Challenge Area/Track Course (see approved list of courses below)* | 3 | | | Grade of C | Minimum cumulative 3.0 GPA required in all |
| Capstone/Applied Experience: Complete 1 experience from: SOS 484: Research SOS 484: Sustainability Internship SOS 494: Sustainability Workshop | 3 | \boxtimes | | Grade of B | SOS major courses Minimum cumulative 2.5 GPA in all courses taken at ASU |
| SOS 494: Sustainability Service Learning (Major Course) | 3 | N N | | Grade of B | 4 |
| Humanities, Fine Arts, and Design (HU) or | , | | | | |
| Social and Behavioral Sciences (SB) Historical Awareness (H) | 3 | | 1 | | - |
| Minor or General Elective Course | 3 | | | | - |
| | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Humanities, Fine Arts, and Design (HU) or | | | | | Minimum cumulative 3.0 GPA required in all |
| Social and Behavioral Sciences (SB) | 3 | | | | SOS major courses |
| Challenge Area/Track Elective (Major Course) ** | | | | | Minimum cumulative 2.5 GPA in all courses |
| Please see an advisor to determine which electives can be taken | 3 | | | Grade of C | taken at ASU |
| SOS Elective (Major Course) (must be a 400-level course) | 3 | | 1 | Grade of C | 1 |
| Minor or General Elective Course | 2 | | 1 | | |

Graduation Requirements Summary:

| Total Hours (120 min) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition (56 min) | Total UD Hrs (45 min) | Total Comm. College Hrs. (64 max) | Cumulative ASU GPA (2.50 min) | SOS Major courses cumulative GPA (3.00 min) | SOS Majors must complete a minor or at least 12 hours in an approved related discipline to be awarded BS degree |
|--------------------------|---------------------------------|---|--------------------------|--------------------------------------|-------------------------------------|---|---|
| | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - 0 Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - 0 Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - 0 Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

*Approved Challenge Area/Track Courses:

- SOS 320: Society and Sustainability (L, SB)
- SOS 321: Policy and Governance in Sustainable Systems
- SOS 322: International Development and Sustainability
- SOS 323: Sustainable Urban Dynamics OR SOS 465 Smart Growth and New
- SOS 324: Sustainable Energy, Materials, and Technology SOS 325: The Economics of Sustainability
- SOS 326: Sustainable Ecosystems
- SOS 394: Sustainable Food and Farms
- SOS 394 Sustainability and Enterprise

**Challenge Area/Track Electives:

A list of approved Challenge Area/Track electives can be found in the Undergraduate Handbook $at\ \underline{http://schoolofsustainability.asu.edu/docs/sos/SOS-UndergraduateHandbook2009-2010.pdf}$

***Related Discipline:

Upon approval, it is possible that the related discipline requirement may also be satisfied by:

- Completion of a minor or a certificate
- Completion of a second undergraduate degree
- Completion of an associates degree (but students must still complete at least 45 hours of upper-division credit as part of their degree requirements)

Students can explore minors or courses that can be taken for their related discipline requirement at http://www.asu.edu/programs/ under the "Minors and Undergraduate Certificates" section.



Major Map: Sustainability - Bachelor of Science (B.S.)

School of Sustainability | Catalog Year: 2010-2011

Students pursuing a B.S. in Sustainability can choose from the following three challenge areas/tracks:

- Sustainable Energy, Materials, and Technology
- Economics of Sustainability
- Sustainable Ecosystems

Students should meet with an advisor to determine which courses to take within the challenge area/track they are pursuing. The challenge area/track will determine which related disciplinary courses, challenge area/track courses, and challenge area/track electives the student will take.

| | | | Competed Trai | nsfer Pathway: TAG | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|--|---------------------------|--|
| Course Subject and Title (courses in bold/shading are critical courses) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirements Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1115. | Division | Course/Grade | William Grade ii Required | Additional Critical requirements (votes |
| ASU 101-SOS: The ASU Experience (Required by School) | 1 | | | Grade of C | ASU 101 is for freshman ASU students only. |
| ENG 101 or 102: First-Year Composition OR | | | | 0.000 | Not required for transfer students. |
| ENG 105: Advanced First-Year Composition OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into First-Year |
| SOS 111: Sustainable Cities (Major Course and HU or SB, G) | 3 | | | Grade of B | Composition courses |
| Complete 1 MAT course for Major requirement from: | | | | | ASU Math Placement Exam (ALEKS) score determines placement in Methamatics source |
| MAT 210: Brief Calculus (MA) OR | | | | | determines placement in Mathematics course SOS 111 and SOS 110 must be completed by |
| MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers (MA) OR | | | | | end of term 2 |
| MAT 200: Calculus with Analytical Geometry I (MA) | | | | | Minimum cumulative 3.0 GPA required in all |
| (or MAT 170: Precalculus, if this needs to be taken first) | | | | | SOS major courses |
| Please see an advisor about which math course to take | 3-4 | | | Grade of B | Minimum cumulative 2.5 GPA in all courses |
| Second Language (102 level required by school to graduate) | 4 | | | Grade of C | taken at ASU |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 or 102: First-Year Composition OR | | | | | First-Year Composition requirement must be |
| ENG 105: Advanced First-Year Composition OR | | | | | completed by end of term 3 |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | (MA) must be completed by end of term 2 |
| SOS 110: Sustainable World (Major Course) | 3 | | | Grade of B | SOS 111 and SOS 110 must be completed by |
| Complete 1 MAT course for Major requirement from: | | | | | end of term 2 Minimum cumulative 3.0 GPA required in all |
| MAT 210: Brief Calculus (MA) OR | | | | | Minimum cumulative 3.0 GPA required in all SOS major courses |
| MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers (MA) OR | | | | | Minimum cumulative 2.5 GPA in all courses |
| MAT 203. Calculus for Engineers (MA) OR MAT 270: Calculus with Analytical Geometry I (MA) | | | | | taken at ASU |
| (or if MAT requirement completed, take Elective) | | | | Grade of B in MAT 210, | |
| Please see an advisor about which math course to take | 3-4 | | | 251, 265, or 270 | |
| | | | | Grade of C in Related | 1 |
| Minor or Related Discipline Course*** | 3 | | | Discipline Course | |
| Second Language (102 level required by school to graduate) | 4 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Challenge Area/Track Course (see approved list of courses on | | _ | | | Students are strongly encouraged to earn a minor |
| back)* | 3 | ☒ | | Grade of C | in an area related to their track. Those who do |
| M. D.1 (10) . F. C. *** | 2 | | | Grade of C in Related | not complete a minor must complete 12 hours of |
| Minor or Related Discipline Course*** Literacy and Critical Inquiry (L) | 3 | | | Discipline Course | related discipline courses, of which 3 hours must be upper division |
| Natural Sciences-Quantitative (SQ) or General (SG) | 4 | | | | 6 (out of 15 required) hours of Challenge |
| ivatural Sciences-Quantitative (SQ) of General (SG) | 7 | | | | Area/Track courses must be completed by end of |
| | | | | | term 4; one of these courses must be related to |
| | | | | | the student's track |
| | | | | | First-year composition requirement must be |
| | | | | | completed by end of term 3 |
| | | | | | Minimum cumulative 3.0 GPA required in all SOS major courses |
| | | | | | Minimum cumulative 2.5 GPA in all courses |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | taken at ASU |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Challenge Area/Track Course (see approved list of courses on | | | | | Students are strongly encouraged to earn a minor |
| back)* | 3 | \boxtimes | | Grade of C | in an area related to their track. Those who do |
| | | | | Grade of C in Related | not complete a minor must complete 12 hours of |
| Minor or Related Discipline Course*** | 3 | | | Discipline Course | related discipline courses, of which 3 hours must |
| MC PILLIBURY C AND | _ | | | Grade of C in Related | be upper division 6 (out of 15 required) hours of Challenge |
| Minor or Related Discipline Course*** | 3 | ⊠ | | Discipline Course | Area/Track courses must be completed by end of |
| STP 226: Elements of Statistics or Other Approved Statistics Course (Required by School) and (CS) | 3 | | | | term 4; one of these courses must be related to |
| (required by School) and (CS) | 3 | | | | the student's track |
| | | | | | MILESTONE: Students must determine |
| | | | | | which track they are pursuing by end of term |
| | | | | | 4 |
| | | | | | MILESTONE: Students must determine which minor on related discipling they are |
| | | | | | which minor or related discipline they are pursuing by end of term 4 |
| | | | | | Minimum cumulative 3.0 GPA required in all |
| | | | | | SOS major courses |
| | | | | | Minimum cumulative 2.5 GPA in all courses |
| Natural Science-Quantitative (SQ) | 4 | | | | taken at ASU |



Major Map: Sustainability - Bachelor of Science (B.S.)

School of Sustainability | Catalog Year: 2010-2011

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|--|-------|-------------------|--------------------------|------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical courses) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirements Notes |
| * | 1115. | Division | Course/Grade | Required | Additional Critical Requirements Notes |
| TERM FIVE: 61-75 CREDIT HOURS | 3 | | | Grade of C | - Ct. d |
| Challenge Area/Track Course (see approved list of courses below)* Challenge Area/Track Elective (Major Course) ** | 3 | | | Grade of C | Students are strongly encouraged to earn a minor in an area related to their track. Those who do not |
| Please see an advisor to determine which electives can be taken | 3 | | | C1C | complete a minor must complete 12 hours of related |
| SOS Elective (Major Course) (must be a 300 or 400-level course) | 3 | | - | Grade of C Grade of C | discipline courses, of which 3 hours must be upper |
| SOS Elective (Major Course) (must be a 500 of 400-level course) | 3 | | | Grade of C | division |
| | | | | | School statistics requirement must be completed by |
| | | | | | end of term 5 |
| | | | | | Minimum cumulative 3.0 GPA required in all |
| | | | | | SOS major courses |
| | | | | | Minimum cumulative 2.5 GPA in all courses |
| Literacy and Critical Inquiry (L) | 3 | \boxtimes | | | taken at ASU |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Challenge Area/TrackCourse (see approved list of courses below*) | 3 | \boxtimes | | Grade of C | Students are strongly encouraged to earn a minor in |
| SOS Elective (Major Course) (must be a 400-level course) | 3 | \boxtimes | | Grade of C | an area related to their track. Those who do not |
| Minor or General Elective Course | 3 | \boxtimes | | | complete a minor must complete 12 hours of related |
| Humanities, Fine Arts, and Design (HU) or | | | | | discipline courses, of which 3 hours must be upper |
| Social and Behavioral Sciences (SB) | 3 | | | | division |
| | | | | | Minimum cumulative 3.0 GPA required in all |
| | | | | | SOS major courses |
| Social and Behavioral Sciences (SB) | 3 | Ιп | | | Minimum cumulative 2.5 GPA in all courses |
| | 3 | | | | taken at ASU |
| TERM SEVEN: 91-105 CREDIT HOURS | | | , | | |
| Challenge Area/Track Course (see approved list of courses below*) | 3 | | | Grade of C | Minimum cumulative 3.0 GPA required in all |
| Capstone/Applied Experience: Complete 1 experience from: | | | | | SOS major courses Minimum cumulative 2.5 GPA in all courses |
| SOS 484: Research | | | | | Minimum cumulative 2.5 GPA in all courses taken at ASU |
| SOS 484: Sustainability Internship | | | | | taken at ASU |
| SOS 494: Sustainability Workshop SOS 494: Sustainability Service Learning (Major Course) | 3 | | | Grade of B | |
| Humanities, Fine Arts, and Design (HU) or | 3 | | - | Grade of B | _ |
| Social and Behavioral Sciences (SB) | 3 | | | | |
| Historical Awareness (H) | 3 | | 1 | | - |
| General Elective (HU or SB) | 3 | + + | 1 | | - |
| , , |) | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Challenge Area/Track Elective (Major Course) ** | 2 | | | 0 1 60 | Minimum cumulative 3.0 GPA required in all |
| Please see an advisor to determine which electives can be taken | 3 | | ļ | Grade of C | SOS major courses |
| Cultural Diversity in the United States (C) | 3 | | ļ | | Minimum cumulative 2.5 GPA in all courses |
| General Elective | 3 | | 1 | | taken at ASU |
| Minor or General Elective | 3 | | 1 | | |
| General Elective(s) (2 or 3 hours of General Elective hours required | | | | | |
| dependent on MAT courses taken) | 2-3 | | | | |

Graduation Requirements Summary:

| Total Hours (120 min) | Total Hrs at ASU (30 min) | Hrs Resident Credit for Academic Recognition | Total UD Hrs (45 min) | Total Comm. College Hrs. | Cumulative ASU GPA | SOS Major courses cumulative GPA | SOS Majors must complete a minor or at least 12 hours in an approved related |
|--------------------------|------------------------------|---|--------------------------|-----------------------------|-----------------------|-------------------------------------|--|
| | | (56 min) | | (64 max) | (2.50 min) | (3.00 min) | discipline to be awarded BS degree |
| | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
 - General Studies Awareness Requirements

 O Cultural Diversity in the US (C)
 - Clobal Awaranass (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

*Approved Challenge Area/Track Courses:

- SOS 320: Society and Sustainability (L, SB)
- SOS 321: Policy and Governance in Sustainable Systems
- SOS 322: International Development and Sustainability
- SOS 323: Sustainable Urban Dynamics OR SOS 465 Smart Growth and New Urbanism
- SOS 324: Sustainable Energy, Materials, and Technology
- SOS 325: The Economics of Sustainability
- SOS 326: Sustainable Ecosystems
- SOS 394: Sustainable Food and Farms
- SOS 394 Sustainability and Enterprise

**Challenge Area/Track Electives:

A list of approved Challenge Area/Track electives can be found in the Undergraduate Handbook at http://schoolofsustainability.asu.edu/docs/sos/SOS-UndergraduateHandbook2009-2010.pdf

***Related Discipline:

Upon approval, it is possible that the related discipline requirement may also be satisfied by:

- Completion of a minor or a certificate
- Completion of a second undergraduate degree
- Completion of an associates degree (but students must still complete at least 45 hours of upper-division credit as part of their degree requirements)

Students can explore minors or courses that can be taken for their related discipline requirement at http://www.asu.edu/programs/ under the "Minors and Undergraduate Certificates" section.



Major Map: Early Childhood Education – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|-----|-------------------|---|------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | |
| Elective (recommend TEL 111: Exploration of Education [SB]) | 3 | | | Grade of C | determines placement into first-year composition courses | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | ASÚ Math Placement Exam score determines placement in mathematics course | |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | Recommend HST 109 for HU, H and covers U.S. Constitution for certification requirement | |
| Select one course from the following list: | | | | Orace of C | Minimum 2.50 ASU cumulative GPA | |
| ECD 211: The Developing Child (SB) ECD 220: Nutrition, Health, and Safety for Young Children TEL 212: Understanding the Culturally Diverse Child (C) SPE 222: Orientation to Education of Exceptional Children (SB & C) | 2-3 | | | Grade of C | recommended | |
| HST 109: United States to 1865 ([HU or SB] & H) OR HST 110: United States Since 1865 (SB & H) | 3 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | Complete Mathematical Studies (MA) Complete two of the following courses: ECD | |
| ENG 105: Advanced First-Year Composition Select one course from the following list (not already completed): | | | | | 211, 220; SPE 222; TEL 212 • Minimum 2.50 ASU cumulative GPA | |
| ECD 211: The Developing Child (SB) ECD 220: Nutrition, Health, and Safety for Young Children TEL 212: Understanding the Culturally Diverse Child (C) SPE 222: Orientation to Education of Exceptional Children (SB & C) | 2-3 | | | Grade of C | recommended | |
| MTE 180: Mathematics for Elementary Teachers I | 3 | | | Grade of C | | |
| Natural Sciences-Quantitative (SQ) or Natural Sciences-General (SG) | 4 | | | Grade of C | | |
| Humanities, Fine Arts, and Design (HU) with Awareness area–Global (G) | 3 | | | Grade of C | - | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| MTE 181: Mathematics for Elementary Teachers II | 3 | | | Grade of C | Complete First-Year Composition | |
| Select one courses from the following list (not already completed): BLE 220: Foundations of Structured English Immersion ECD 211: The Developing Child: Theory into Practice, Prenatal-Grade 3 (SB) ECD 220: Nutrition, Health, and Safety for Young Children | 2-3 | | | Grade of C | requirement: ENG 101 and 102 OR ENG 107 and 108 or ENG 105 Complete MTE 180 Complete three of the following courses: BLE | |
| TEL 212: Understanding the Culturally Diverse Child (C) SPE 222: Orientation to Education of Exceptional Children (SB & C) | | | | | 220; ECD 211, 220; SPE 222; TEL212 Minimum 2.50 ASU cumulative GPA MILESTONE: Submit Intent to Progress form | |
| Natural Sciences–Quantitative (SQ) | 4 | | | Grade of C | (online) | |
| Literacy and Critical Inquiry (L) | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS Select two courses from the following list (not already completed): BLE 220: Foundations of Structured English Immersion ECD 211: The Developing Child: Theory into Practice, Prenatal- Grade 3 (SB) ECD 220: Nutrition, Health, and Safety for Young Children TEL 212: Understanding the Culturally Diverse Child (C) SPE 222: Orientation to Education of Exceptional Children (SB & C) | 5-6 | | | Grade of C | Complete both SQ and SG with a "C" or better Complete MTE 181 Complete all of the following courses: BLE 220; ECD 211, 220; HST 109, 110; SPE 222; and TEL 212 Compete CS by end of term Minimum 2.50 ASU cumulative GPA | |
| Upper-division HU or SB (recommend RDG 334) | 3 | | | Grade of C | Must complete at least 56 credits to progress into PTPP | |
| EDT 180: Computer Literacy (CS) or EDT 321: Computer Literacy (CS) | 3 | | | Grade of C | MILESTONE: Attend PTPP Enrollment Workshop | |
| Elective | 2 | | | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| ECD 302: Foundations of Early Child Education | 3 | ⊠ | | Grade of C | Must possess valid DPS fingerprint clearance to participate in field experience | |
| ECD 312: Social/Emotional Foundations of Learning | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| ECD 313: Technology in Early Childhood Education | 3 | \boxtimes | | Grade of C | | |
| ECD 315: Classroom Organization and Guidance of Young Children | 3 | | | Grade of C | | |
| ECD 323: Building Home, School, and Community Partnerships (SB) | 3 | | | Grade of C | | |
| ECD 396: Field Experience: Community-Based Early Childhood Education Setting | 1 | \boxtimes | | Grade of Y | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| Elective | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| ECD 406: Assessment: Birth–Grade 3 | 3 | ⊠ | | Grade of C |] | |
| ECD 316: Teacher Research: Studying Children in Context | 3 | ⊠ | | Grade of C |] | |
| ECD 321: Emergent Language and Literacy | 3 | ⊠ | | Grade of C | _ | |
| ECD 324: Social Studies and Creative Arts Curriculum, Instruction and Assessment | 3 | \boxtimes | | Grade of C | | |
| ECD 397: Field Experience II | 1 | \boxtimes | | Grade of Y | 1 | |



Major Map: Early Childhood Education – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|--|-----|-------------|--------------|------------------|------------------------------------|
| (courses in bold/shading are critical) | Hrs | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | , | |
| ECD 410: Science Curriculum, Instruction and Assessment | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| ECD 412: Mathematics Curriculum, Instruction and Assessment | 3 | \boxtimes | | Grade of C | |
| ECD 413: Literacy Curriculum, Instruction and Assessment | 3 | \boxtimes | | Grade of C | |
| ECD 416: Social and Educational Policies Affecting Children and Families | 3 | ⊠ | | Grade of C | |
| BLE 408: SEI for Linguistically Diverse Learners | 3 | \boxtimes | | Grade of C | |
| ECD 496: Field Experience III | 1 | | | Grade of Y | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ECD 477: Student Teaching: Birth to Pre-K | 4 | \boxtimes | | Grade of Y | Minimum 2.50 ASU cumulative GPA |
| ECD 478: Student Teaching in Early Childhood (K-3) | 5-8 | \boxtimes | | Grade of Y | |
| ECD 479: Capstone Seminar in Early Childhood Education | 3 | | | Grade of C | |

Graduation Requirements Summary:

| (| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|---|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - Humanities, Fine Arts, and Design (HU) (6–9 credit hours)
 - o Social and Behavioral Sciences (SB) (6–9 credit hours)
 - Natural Sciences—Quantitative (SQ) (4–8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Sciences—General (SG) (0–4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other General Studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other General Studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other General Studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.



Major Map: Elementary Education – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|---|------|-------------------|---|------------------------------|---|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | | |
| TERM ONE: 0-15 CREDIT HOURS | 1115 | Division | Course/Grade | Required | Additional Critical Hacking Notes | | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. | | |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | Not required of transfer students. • An SAT, ACT, Accuplacer, or TOEFL sco | | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | | | | | determines placement into first-year | | |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | composition courses | | |
| HST 109: United States to 1865 ([HU or SB] & H) OR | 3 | | | | ASU Math Placement Exam score determines placement in mathematics cours | | |
| HST 110: United States Since 1865 (SB & H) | 3 | | | | Minimum 2.50 ASU GPA recommended | | |
| Elective (recommended TEL 111: Exploration of Education) (SB) | 3 | | | | Recommend HST 109 for HU, H and covers U.S. Constitution for certification | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | requirement | | |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | Complete Mathematical Studies (MA) | | |
| ENG 107 and 108: English for Foreign Students OR | | | | | Complete SPE 222 or TEL 212 Minimum 2.50 ASU GPA recommended | | |
| ENG 105: Advanced First-Year Composition Natural Sciences—Quantitative (SQ) or Natural Sciences—General | 4 | | | Grade of C | Millimum 2.30 ASO GPA recommended | | |
| (SG) | | | | | | | |
| MTE 180: Mathematics for Elementary Teachers I | 3 | | | Grade of C | | | |
| TEL 212: Understanding the Culturally Diverse Child (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & | 3 | | | Grade of C | | | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | | | | | | | |
| Elective | 3 | | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | _ | | |
| MTE 181: Mathematics for Elementary Teachers II | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 and 102 OR ENG 107 | | |
| Select one course (not already taken): TEL 212: Understanding the Culturally Diverse Child (C) | 3 | | | Grade of C | and 108 or ENG 105 | | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | | | | | Complete MTE 180 | | |
| BLE 220: Foundations of Structured English Immersion | | | | | Complete two courses: BLE 220; RDG 334; SPE 222; TEL 212 | | |
| RDG 334: Children's Literature and Elementary School Curriculum (HU) | | | | | Minimum 2.50 ASU GPA | | |
| Literacy and Critical Inquiry (L) | 3 | | | | MILESTONE: Submit Intent to Progress form (online) | | |
| EDT 180 Computer Literacy (CS) or EDT 321: Computer Literacy (CS) | 3 | | | Grade of C | - Iorin (onnic) | | |
| Social and Behavioral Sciences (SB) or Humanities, Fine Arts, and Design (HU) | 3 | | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | J | | | | |
| Complete remaining two courses: | 6 | | | Grade of C | Complete both SQ/SG with a "C" or better. | | |
| TEL 212: Understanding the Culturally Diverse Child (C) SPE 222: Orientation to Education of Exceptional Children (SB & G) | | | | | Complete MTE 181 Complete all of the following courses: BLE | | |
| BLE 220: Foundations of Structured English Immersion | | | | | 220; HST 109, 110; RDG 334; SPE 222; | | |
| RDG 334: Children's Literature and Elementary School Curriculum | | | | | TEL 212 • Minimum 2.50 ASU cumulative GPA | | |
| (HU) Natural Sciences–Quantitative (SQ) | 4 | | | Grade of C | Complete CS | | |
| Global awareness (G) | 3 | | | | Must complete at least 56 credits to progress into PTPP | | |
| Elective | 3 | | | | MILESTONE: Attend PTPP Enrollment | | |
| TEDM FIVE, 61 75 CDEDIT HOURS | | | | | Workshop | | |
| TERM FIVE: 61-75 CREDIT HOURS TEL 311: Instruction and Management in the Inclusive Classroom | 3 | | | Grade of C | Must possess valid DPS fingerprint clearance | | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | | | Grade of C | to participate in field experience | | |
| TEL 314: Classroom Assessment | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | | |
| TEL 315: Childhood and Adolescent Development (L or SB) | 3 | | | Grade of C | | | |
| EED 433: Language Methods, Management and Assessment | 3 | | | Grade of C | | | |
| EED 396: Field Experience I | 1 | | | Grade of Y | <u>1</u> | | |
| TERM SIX: 76-90 CREDIT HOURS | 2 | | | 0.1.60 | William Control | | |
| SPF 301: Culture and Schooling (L) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | | |
| EDP 311: Educational Psychology for Future Teachers (SB) | 3 | | | Grade of C | 4 | | |
| RDG 322: Language Literacy 1 in Elementary Schools EED 324: Social Studies in Elementary Schools | 3 | | 1 | Grade of C Grade of C | 4 | | |
| EED 324: Social Studies in Elementary Schools EED 397: Field Experience II | 1 | | 1 | Grade of Y | 4 | | |
| Elective | 3 | | | Graue of I | - | | |
| Elective | ٥ | | | | | | |



Major Map: Elementary Education –
Bachelor of Arts in Education (B.A.E.)
Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|-----|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| EED 411: Science in Elementary Schools | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| EED 412: Mathematics in Elementary Schools | 3 | \boxtimes | | Grade of C | |
| SPE 416: Quality Practice in the Collaborative Classroom | 3 | \boxtimes | | Grade of C | |
| BLE 408: SEI for Linguistically Diverse Learners | 3 | | | Grade of C | |
| RDG 413: Language Literacy 2 in Elementary Schools | 3 | | | Grade of C | |
| EED 496: Field Experience III | 1 | | | Grade of Y | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| EED 478: Student Teaching in the Elementary School | 9 | | | Grade of Y | |
| EED 479: Capstone Seminar in Elementary Education | 3 | | | Grade of C | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6–9 credit hours)
 - o Social and Behavioral Sciences (SB) (6–9 credit hours)
 - o Natural Sciences-Quantitative (SQ) (4–8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Sciences-General (SG) (0–4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.



Major Map: Elementary Education Diversity in Language and Learning (DLL)-

Bachelor of Arts in Education (B.A.E.)
Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Trai | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|--|------|-------------------|--------------------------|-------------------------------|--|--|--|
| Course Subject and Title (courses in bold/shading are critical,) | | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | | |
| TERM ONE: 0-15 CREDIT HOURS | Hrs | Division | Course/Grade | Required | Additional Critical Tracking Notes | | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. | | |
| ENG 101 and 102: First-Year Composition OR | 1 | | | Grade of C | Not required of transfer students. • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | | |
| ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | | | |
| ENG 105: Advanced First-Year Composition | 3 | | | Crada of C | composition courses | | |
| MAT 142: College Mathematics/or higher (MA) HST 109: United States History to 1865 (HU, H) OR | 3 | | | Grade of C | ASU Math Placement Exam score | | |
| HST 110: United States History Since 1865 | 3 | | | Grade of C | determines placement in mathematics course Recommend HST 109 for HU, H and covers | | |
| Elective (Recommended TEL 111: Exploration of Education [SB]) | 3 | | | | US constitution for certification requirement. • Minimum 2.50 ASU cumulative GPA recommended | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | Тесоттеписи | | |
| ENG 101 and 102: First-Year Composition OR | | | | | Complete Mathematical Studies (MA) | | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA recommended | | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | Grade of C | <i>тесоттепаеа</i> | | |
| MTE 180: Mathematics for Elementary Teachers I | 3 | H | | Grade of C | | | |
| RDG 334: Children's Literature and Elementary School Curriculum | | | | Grade of C | - | | |
| (HU) OR | 3 | | | Grade of C | | | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | | _ | | | | | |
| Elective: | 3 | | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | | |
| MTE 181: Mathematics for Elementary Teachers II | 3 | | | Grade of C | Complete First-Year Composition | | |
| Complete remaining course (not already completed): | | | | | requirement: | | |
| RDG 334: Children's Literature and Elementary School Curriculum | | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 Complete MTE 180 | | |
| (HU) OR SPE 222: Orientation to Education of Exceptional Children (SB & | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical | | |
| C) | | | | | content area course GPA required | | |
| Foreign language or elective ¹ | 3-4 | | | | MILESTONE: Submit Intent to Progress form (online) | | |
| Natural Sciences-Quantitative (SQ) | 4 | | | Grade of C | ioriii (oiiiiile) | | |
| EDT 180 or EDT 321 (CS): Computer Literacy | 3 | | | Grade of C | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | ı | | | | |
| Foreign language or elective ¹ | 3-4 | | | | Complete both SQ/SG with a "C" or better Complete EDT 180/ EDT 321, SPE 222, | | |
| Awareness Area – Global (G): Literacy and Critical Inquiry (L) | 3 | | | | MTE 181, HST 109/110 and RDG 334. | | |
| Eneracy and Critical inquity (E) | 3 | | | | Minimum 2.50 ASU cumulative and critical | | |
| | | | | | content area course GPA required Must complete at least 56 credits to progress | | |
| Elective | 3 | | | | into PTPP | | |
| | | | | | MILESTONE: Attend PTPP enrollment | | |
| | | | | | workshop | | |
| TERM FIVE: 61-75 CREDIT HOURS | 2 | ⊠ | | Condo of C | Must possess valid DPS fingerprint clearance | | |
| BLE 400: Principles of Language Minority Education TEL 315: Child and Adolescent Development (L or SB) | 3 | | | Grade of C Grade of C | card to participate in field experience | | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | | |
| BLE 408: SEI for Linguistically Diverse Learners | 3 | | | Grade of C | - | | |
| BLE 396: Field Experience I | 1 | \boxtimes | | Grade of Y | 1 | | |
| Elective | 3 | | | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | 1 | | | | | |
| BLE 411: Science Curriculum, Instruction and Assessment in BLE/ESL Settings | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | | |
| BLE 324: Social Studies for Diverse Language Classrooms | 3 | | | Grade of C | 1 | | |
| BLE 412: Mathematics Curriculum, Instruction, and Assessment in | 3 | | | Grade of C | 1 | | |
| BLE/ESL Settings | 3 | | | Grade of C | | | |
| MCE 447: Diversity in Families and Communities in Multicultural Settings | 3 | \boxtimes | | Grade of C | | | |
| EDP 311: Educational Psychology for Future Teachers (SB) | 3 | | | Grade of C | 1 | | |
| BLE 397: Field Experience II | 1 | | | Grade of Y | 1 | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 1 | | | | | | |
| BLE 335: Language Diversity in Classrooms (SB) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | | |
| BLE 322: Reading Methods in BLE/ESL Settings | 3 | | | Grade of C | 4 | | |
| BLE 413: Language Arts in BLE/ESL Settings | 3 | | | Grade of C | 4 | | |
| BLE 481: Reading Practicum | 3 | | | Grade of C | - | | |
| SPE 416: Quality Practices in the Collaborative Classroom BLE 496: Field Experience III | 3 | | | Grade of C Grade of Y | - | | |
| TERM EIGHT: 106-120 CREDIT HOURS | 1 | | | Graue or r | | | |
| BLE 478: Student Teaching in Diverse Language Classrooms | 8-12 | \boxtimes | | Grade of Y | Minimum 2.50 ASU cumulative GPA | | |
| BLE 479: Capstone Seminar in Bilingual/ESL Education | 3 | | | Grade of C | 1 | | |
| | _ | _ | | | | | |



Major Map: Elementary Education
Diversity in Language and Learning (DLL)—
Bachelor of Arts in Education (B.A.E.)
Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your COE advisor regarding any certification updates or changes.

1) BLE/ESL Education Foreign Language Proficiency Options

- Bilingual Proficiency for Bilingual Endorsement
 - Students must pass Arizona Classroom Teacher Spanish Proficiency Exam or submit proof of Native American language proficiency.
- Foreign Language for ESL Endorsement 6 hours
 - Need 6 hours of foreign language- can be met through CLEP.



Major Map: Secondary Education (Biological Sciences) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: | Completed General Education: None |
|---|-------|-------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Minimum Grade Course/Grade Required | if Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course/Grade Required | Additional Critical Tracking (Votes |
| ASU 101: The ASU Experience | 1 | | Grade of C | ASU 101 is for ASU freshman students only. Not required of transfer students |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| MAT 170: Precalculus (MA) or higher | 3 | | Grade of C | composition courses ASU Math Placement Exam score |
| BIO 181 General Biology I (formerly BIO 188) (SQ) | 4 | | Grade of C | determines placement in mathematics course |
| CHM 113: General Chemistry I (SQ) | 4 | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA recommended |
| TERM TWO: 16-30 CREDIT HOURS | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA recommended |
| BIO 182 General Biology II (formerly BIO 187) (SG) | 4 | | Grade of C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | | Grade of C | |
| CHM 116: General Chemistry II (SQ) | 4 | | Grade of C | |
| EDT 180 : Computer Literacy (CS) or EDT 321: Computer Literacy (CS) | 3 | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | |
| BIO 360: Animal Physiology OR | 3-4 | \boxtimes | Grade of C | Complete First-Year Composition |
| PLB 308: Plant Biology | 4 | | Grade of C | requirement: ENG 101 and 102 OR ENG 107 and 108 or |
| BIO 320 Fundamentals of Ecology | 4 | | Grade of C | ENG105 |
| Humanities, Fine Arts, and Design (HU) with Historical (H) (HST 109 United States to 1865 recommended to fulfill U.S. | 3 | | Grade of C | Complete BIO 181,BIO 182 and two (2) additional required BIO courses. |
| Constitution for certification) | | | | Minimum 2.50 ASU cumulative and critical content area course GPA required |
| Humanities, Fine Arts, and Design (HU) with Global awareness area (G) | 3 | | | MILESTONE: Submit intent to progress |
| Literacy and Critical Inquiry (L) | 3 | | | form (online) |
| TERM FOUR: 46-60 CREDIT HOURS | | | | |
| MIC 205: Microbiology and MIC 206: Microbiology Laboratory (SG) OR | | | | Complete all five (5) BIO specialization critical courses (BIO 181, BIO 182, and 3) |
| MIC 220: Biology of Microorganisms and MIC 206: Microbiology Laboratory OR BIO 353 Cell Biology and BIO 354: Cell Biology Laboratory (formerly LSC 355) | 4 | | Grade of C | additional BIO courses) Must complete BLE 220 with a "C" or better Completion of PHY 111, 112, 113, 114 (must complete all) may substitute for the PHY 101 |
| BLE 220: Foundations of Structured English Immersion | 3 | | Grade of C | requirement |
| BIO 345: Organic Evolution | 3 | | Grade of C | Complete EDT 180 or EDT 321 Minimum 2.50 ASU cumulative and critical |
| Upper-division Social and Behavioral Sciences (SB) | 3 | \boxtimes | | content area course GPA required Must complete at least 56 credits to progress |
| PHY 101: Introduction to Physics (SQ) | 4 | | Grade of C | into PTPP • MILESTONE: Attend PTPP Enrollment Workshop |
| TERM FIVE: 61-75 CREDIT HOURS | | | | н отколор |
| TEL 311: Instruction and Management in the Inclusive Classroom (C) | 3 | \boxtimes | Grade of C | Must possess DPS fingerprint clearance card to posticipate in field experience. |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | \boxtimes | Grade of C | to participate in field experience • Minimum 2.50 ASU cumulative GPA |
| TEL 314 Classroom Assessment | 3 | \boxtimes | Grade of C | |
| TEL 315: Child and Adolescent Development (L or SB) | 3 | ⊠ | Grade of C | |
| SED 396: Field Experience | 1 | \boxtimes | Grade of Y | |
| TERM SIX: 76-90 CREDIT HOURS | | | | Military Association and Assoc |
| BIO 340: General Genetics OR LSC 347: Fundamentals of Genetics and LSC 348: Fundamentals of Genetics Laboratory | 4 | ⊠ | Grade of C | Minimum 2.50 ASU cumulative GPA |
| BLE 407: SEI for Secondary Students | 3 | \boxtimes | Grade of C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | \boxtimes | Grade of C | |
| RDG 323: Literacy Processes in Content Areas | 3 | \boxtimes | Grade of C | |
| BIO 480: Methods of Teaching Biology OR SED 482: Science Teaching Methods for Secondary Schools | 3 | ⊠ | Grade of C | |
| SED 397: Field Experience II | 1 | ⊠ | Grade of Y | |



Major Map: Secondary Education (Biological Sciences) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|------|-------------------|--------------------------|------------------------------|--|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| BIO 370: Vertebrate Zoology OR BIO 385: Comparative Invertebrate Zoology OR MIC 443 The Microbial Universe and MIC 444: The Microbial Universe Laboratory (see note) OR PLB 300: Comparative Plant Diversity (L or SG) OR PLB 310: The Flora of Arizona | 4 | ⊠ | | Grade of C | Minimum 2.50 ASU cumulative GPA Do not take MIC 443 and 444 if MIC 204 and 206 taken in previous term BIO elective can be any BIO 100-400 course except: BIO 100, BIO 201, BIO 202, BIO 300, BIO 319; PLB 108, PLB 320 |
| BIO elective (see note) | 3 | \boxtimes | | Grade of C | |
| SED 321: Critical Issues in Secondary Education (L) | 3 | \boxtimes | | Grade of C | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | ⊠ | | Grade of C | |
| BIO 482: Advanced Methods of Teaching Biology OR SCN 494: ST: Biology for Teachers | 3 | | | Grade of C | |
| SED 496: Field Experience III | 1 | | | Grade of Y | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | • | | |
| SED 478: Student Teaching in the Secondary School | 8-12 | \boxtimes | | Grade of Y | Minimum 2.50 ASU cumulative GPA |

Graduation Requirements Summary:

| (120 minimum) | (minimum 45) | (2.50 minimum required by major) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
|---------------|--------------|----------------------------------|---------------|--------------------------|--------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6–9 credit hours)
 - Natural Sciences-Quantitative (SQ) (4–8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Sciences-General (SG) (0–4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area as some courses are not offered every semester.

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.

Updated: 3/2/2010



Major Map: Secondary Education (Business) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Tran | sfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|-------|-------------------|--------------------------|---------------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1110. | Bivision | Course, Grade | Minimum Grade ii Required | Traditional Circum Practing Potes | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | |
| MAT 210: Brief Calculus (MA) | 3 | | | Grade of C | composition courses • ASU Math Placement Exam score determines | |
| ECN 211: Macroeconomic Principles(SB) OR | 3 | | | Grade of C | placement in Mathematics course | |
| ECN 212: Microeconomic Principles (SB) Natural Science – Quantitative or General (SQ/SG): | 4 | | | Grade of C | Minimum 2.50 ASU cumulative and critical | |
| Humanities/Fine Arts (HU) with Awareness Area – Historical (H): | 3 | | | | content area course GPA recommended Recommend HST 109 for HU, H and covers U.S. constitution for certification requirement. | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | MAT 211 is a pre-requisite to ECN 221 (term 3) Minimum 2.50 ASU cumulative and critical content area course GPA recommended | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | | | Grade of C | | |
| ECN 211: Macroeconomic Principles(SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | | |
| SPE 222: Orientation Education of the Exceptional Child (SB, C) | 3 | | | Grade of C | | |
| MAT 211: Mathematics for Business Analysis (MA) | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| ACC 231: Uses of Accounting Info I | 3 | | | Grade of C | Complete First-Year Composition requirement: Discrete First-Year Composition requirement: | |
| ECN 221: Statistical Analysis (CS) | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 Minimum 2.50 ASU cumulative and critical | |
| Natural Science – Qualitative (SQ): | 4 | | | Grade of C | content area course GPA required | |
| Humanities/Fine Arts (HU) with Awareness Areas – Global (G): | 3 | | | | MILESTONE: Submit intent to progress form (online) | |
| Typing course: | 1 | | | | (onnic) | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | Complete hath CO/CC and a "C" on hatten | |
| ACC 241: Uses of Accounting Info II | 3 | | | Grade of C | Complete both SQ/SG with a "C" or better. Must complete BLE 220 with a grade of "C" or | |
| BLE 220: Foundations of SEI FIN 300: Fundamentals of Finance OR | 3 | | | Grade of C | better Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress | |
| FIN 380: Personal Financial Management | 3 | \boxtimes | | Grade of C | | |
| LES 305: Legal, Ethical, and Regulatory Issues in Business | 3 | \boxtimes | | Grade of C | | |
| ENG 301: Writing for Professions (L) | 3 | × | | Grade of C | into PTPPComplete CSMILESTONE: Attend PTPP Enrollment Workshop | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| SCM 300: Global Supply Operations | 3 | \boxtimes | | Grade of C | Must possess DPS fingerprint clearance card to participate in field experience. | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | | | Grade of C | | |
| TEL 314 Classroom Assessment | 3 | | | Grade of C | | |
| TEL 315: Child and Adolescent Development (SB) | 3 | | | Grade of C | | |
| SED396: Field Experience I | 1 | | | Grade of Y | | |
| TERM SIX: 76-90 CREDIT HOURS MGT 300: Organization and Management Leadership | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| MKT 300: Marketing and Business Performance | 3 | | | Grade of C | Minimum 2.30 7150 Camalative G171 | |
| BLE 407: SEI for Secondary | 3 | | | Grade of C | | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | | | Grade of C | | |
| RDG 323: Literacy Processes in Content Areas | 3 | \boxtimes | | Grade of C | | |
| BUE 480: Methods of Teaching Business | 3 | | | Grade of C | | |
| SED 397: Field Experience II | 1 | \boxtimes | | Grade of Y | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| MKT 391: Essentials of Selling OR | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| MKT 420: Retail Management MGT 440: Entrepreneurship | 3 | \boxtimes | | Grade of C | | |
| SED 321: Critical Issues in SED (L) | 3 | | | Grade of C | | |
| SED 321. Clitical issues in SED (L) SED 322: Classroom Leadership in Secondary Schools | 3 | | | Grade of C | | |
| BUE 481: Technology in Business and Vocational Education | 3 | | | Grade of C | - | |
| SED 496: Field Experience III | 1 | | | Grade of Y | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | | |
| | 8- | | | Grade of Y | Minimum 2.50 ASU cumulative GPA | |
| SED 478: Student Teaching in Secondary Schools | 12 | \square | | | | |



Major Map: Secondary Education (Business) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours 120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-----------------------------|--------------------------------|---|-----------------------------------|--|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 & 102 OR ENG 107 & 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area as some courses are not offered every semester.

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.



Major Map: Secondary Education (Chemistry) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Tran | • | Completed General Education: | |
|--|-----|-------------|-------------------|-------------------------------|--|--|
| Course Subject and Title | | Upper | ☐ MAPP ☐ Transfer | AG DATP None Minimum Grade if | □AGEC □IGETC/CSUGE □None | |
| (courses in bold/shading are critical) | Hrs | Division | Course/Grade | Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | | | | | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. Not required of transfer students | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | | | Grade of C | courses ASU Math Placement Exam score determines | |
| CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | placement in mathematics course | |
| Humanities, Fine Arts, and Design (HU) with Historical awareness area (H) | 3 | | | | Minimum 2.50 ASU cumulative and critical content area course GPA recommended HST 109 recommended for HU/H to cover U.S. constitution certification requirement | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA recommended | |
| SPE 222: Orientation to Education of Exceptional Children (SB &C) | 3 | | | Grade of C | | |
| CHM 116: General Chemistry II (SQ) | 4 | | | Grade of C | | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | | | Grade of C | | |
| Humanities, Fine Arts, and Design (HU) with Global awareness area (G) | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| CHM 233: General Organic Chemistry I and CHM 237: General Organic Chemistry Laboratory I | 4 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 | |
| Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB) | 3 | | | | Minimum 2.50 ASU cumulative and critical content area course GPA required | |
| PHY 111: General Physics and PHY 113: General Physics Laboratory (SQ) | 4 | | | Grade of C | MILESTONE: Submit Intent to Progress form (online) | |
| Social and Behavioral Sciences (SB) | 3 | | | | | |
| EDT 180: Computer Literacy (CS) or EDT 321: Computer Literacy (CS) | 3 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| CHM 234: General Organic Chemistry II and CHM 238: General Organic Chemistry Laboratory II | 4 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA required | |
| PHY 112: General Physics and PHY 114: General Physics Laboratory (SQ) | 4 | | | Grade of C | Must complete BLE 220 with a grade of "C" or better | |
| CHM 325: Analytical Chemistry and CHM 326: Analytical Chemistry Laboratory | 4 | ⊠ | | Grade of C | Compete CS Must complete at least 56 credits to progress into | |
| BLE 220: Foundations of Structured English Immersion | 3 | | | Grade of C | PTPP MILESTONE: Attend PTPP Workshop | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| CHM 341: Elementary Physical Chemistry (CHM 345: Physical Chemistry I and CHM 346: Physical Chemistry II can be used as substitutes) | 3-4 | ⊠ | | Grade of C | Minimum 2.50 ASU cumulative GPA Must possess valid DPS fingerprint clearance card to participate in field experience | |
| TEL 311: Instruction and Management in the Inclusive Classroom (C) | 3 | ⊠ | | Grade of C | | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | ⊠ | | Grade of C | | |
| TEL 314 Classroom Assessment | 3 | \boxtimes | | Grade of C | | |
| TEL 315: Child and Adolescent Development (L or SB) | 3 | | | Grade of C | | |
| SED 396: Field Experience I | 1 | | | Grade of Y | 1 | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| BCH 361: Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry | 3 | ⊠ | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| BLE 407: SEI for Secondary Students | 3 | | | Grade of C | | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | ⊠ | | Grade of C | | |
| RDG 323: Literacy Processes in Content Areas | 3 | | | | | |
| CHM 480: Methods of Teaching Chemistry | 3 | ⊠ | | Grade of C | | |
| SED 397: Field Experience II | 1 | | | Grade of Y | | |



Major Map: Secondary Education (Chemistry) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|----------|----------|--------------|------------------|------------------------------------|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| BCH 361: Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry | 3 | ⊠ | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| SED 321: Critical Issues in Secondary Education (L) | 3 | | | Grade of C | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | | | Grade of C | |
| SED methods course (See advisor to select course) | 3 | | | Grade of C | |
| SED 496: Field Experience III | 1 | | | Grade of Y | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SED 478: Student Teaching in the Secondary School | 8- 12 | ⊠ | | Grade of Y | Minimum 2.50 ASU cumulative GPA |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs. (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6–9 credit hours)
 - o Social and Behavioral Sciences (SB) (6–9 credit hours)
 - o Natural Sciences–Quantitative (SQ) (-8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Sciences–General (SG) (0–4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area, as some courses are not offered every semester.

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.



Major Map: Secondary Education (Earth and Space Sciences) - Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------------|--------------------------|------------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1113 | Division | Course/Grade | required | Additional Critical Process | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. Not | |
| ENG 101 and 102: First-Year Composition OR | | | | | required of transfer students An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | determines placement into first-year composition | |
| MAT 210: Brief Calculus (MA) OR | 3-4 | | | Grade of C | courses ASU Math Placement Exam score determines | |
| MAT 270: Calculus with Analytic Geometry I (MA) CHM 113: General Chemistry I (SQ) | 4 | | | Grade of C | placement in mathematics course | |
| SES 100: Introduction to Exploration (CS) OR | 1-3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA recommended | |
| SES 111: Exploration of Science Teaching | 1-3 | | | Grade of C | | |
| SES 101: Earth, Solar System, and Universe I and SES 103: Earth, Solar System, and Universe Laboratory I (SQ) | 4 | | | Grade of C | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | Complete CHM 113: General Chemistry I (SQ) Minimum 2.50 ASU cumulative and critical | |
| ENG 107 and 108. English for Foreign Stateths OK ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | content area course GPA recommended | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | | | Grade of C | | |
| CHM 116: General Chemistry II (SQ) | 4 | | | Grade of C | | |
| SES 100: Introduction to Exploration (CS) OR | 1-3 | | | Grade of C | | |
| SES 111: Exploration of Science Teaching SES 102: Earth, Solar System, and Universe II and SES 104: | | | | | 1 | |
| Earth, Solar System, and Universe Laboratory II | 4 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS_ | | 1 | | | | |
| PHY 111: General Physics and PHY 113: General Physics Laboratory (SQ) | 4 | | | Grade of C | Complete CHM 116: General Chemistry II (SQ) Complete First-Year Composition requirement: | |
| SES 210: Engineering Systems and Experimental Design | 3 | | | Grade of C | ENG 101 and 102 OR ENG 107 and 108 or | |
| GLG 310: Structural Geology | 3 | | | Grade of C | ENG105 Minimum 2.50 ASU cumulative and critical content area course GPA required MILESTONE: Submit Intent to Progress form (online) | |
| Humanities, Fine Arts, and Design (HU) with Global awareness area | 3 | | | | | |
| (G) | | | | | | |
| Literacy and Critical Inquiry (L) TERM FOUR: 46-60 CREDIT HOURS | 3 | | | Grade of C | | |
| PHY 112: General Physics and PHY 114: General Physics Laboratory | | | | | Complete BLE 220 with a "C" or better | |
| (SQ) | 4 | | | Grade of C | Complete CS | |
| SES 311: Essentials of Astrobiology: Exploration for Life in the Universe | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA required | |
| GLG 321: Mineralogy | 3-4 | | | Grade of C | Must complete at least 56 credits to progress into | |
| Humanities, Fine Arts, and Design (HU) with Historical awareness Area (H) (HST 109 United States to 1865 [(HU or SB) & H] | 3 | | | | PTPP MILESTONE: Attend PTPP Enrollment | |
| recommended) | , | | | | Workshop | |
| BLE 220: Foundations of Structured English Immersion | 3 | | | Grade of C | | |
| GLG 400: Earth and Space Exploration Colloquium | 1 | \boxtimes | | Grade of C | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| SES elective (4XX level in GLG, GPH, SES courses) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| TEL 311: Instruction and Management in the Inclusive Classroom (C) | 3 | | | Grade of C | Must possess valid DPS fingerprint clearance card to participate in field experience. | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | \boxtimes | | Grade of C | | |
| TEL 314 Classroom Assessment | 3 | | | Grade of C | | |
| TEL 315: Child and Adolescent Development (L or SB) | 3 | | | Grade of C | | |
| SED 396: Field Experience I | 1 | | | Grade of Y | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| BLE 407: SEI for Secondary Students | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | | | Grade of C | | |
| RDG 323: Literacy Processes in Content Areas | 3 | | | Grade of C | | |
| Select methods course in consultation with advisor | 3 | | | Grade of C | | |
| SED 397: Field Experience II | 1 | | | Grade of Y | - | |
| SED 371. Field Experience II | 1 | | | Grade of 1 | .] | |



Major Map: Secondary Education (Earth and Space Sciences)

- Bachelor of Arts in Education (B.A.E.)
Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| SES 410: Senior Exploration Project I and SES 411: Senior Exploration Project II OR GLG 451: Field Geology I (L) | 3-6 | | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| SED 321: Critical Issues in Secondary Education (L) | 3 | | | | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | | | Grade of C | |
| GLG 490: Topics in Geology | 3 | | | Grade of C | |
| Upper-division social and Behavioral Sciences (SB) | 3 | | | | |
| SED 496: Field Experience III | 1 | | | Grade of Y | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SED 478: Student Teaching in the Secondary School | 8-12 | | | Grade of Y | Minimum 2.50 ASU cumulative GPA |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6–9 credit hours)
 - o Social and Behavioral Sciences (SB) (6–9 credit hours)
 - o Natural Sciences-Quantitative (SQ) (4–8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Sciences-General (SG) (0–4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area, as some courses are not offered every semester.

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.



Major Map : Secondary Education (Economics) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | | ansfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|---|-------|-------------------|--------------------------|---------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1110. | Bivision | Course Grade | Minimum Grade II Required | Traditional Critical Tracking Proces | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | |
| ENG 105: Advanced First-Year Composition MAT 210: Brief Calculus (MA) | 3 | | | Grade of C | composition courses | |
| ECN 211: Macroeconomic Principles(SB) OR | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course | |
| ECN 212: Microeconomic Principles (SB) | | | | Grade of C | Recommend HST 109 for HU, H and covers US | |
| Humanities/Fine Arts with Awareness Area – Historical (H): | 3 | | | | constitution for certification requirement. Minimum 2.50 ASU cumulative and critical | |
| Humanities/Fine Arts and Design (HU) with Awareness Areas – | 3 | | | | content area course GPA recommended | |
| Global (G): | | | | | | |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | MAT 211 is a pre-requisite to ECN 221 (term 3) Minimum 2.50 ASU cumulative and critical content area course GPA recommended | |
| ECN 211: Macroeconomic Principles(SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | | Grade of C | | |
| Natural Science – Quantitative or General (SO/SG): | 4 | | | Grade of C | | |
| SPE 222: Orientation Education of the Exceptional Child (SB, C) | 3 | | | Grade of C | | |
| MAT 211: Mathematics for Business Analysis | 3 | | | Grade of C | | |
| · |) | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS ECN 313: Intermediate Macroeconomic Theory (SB) OR | | | | | Complete First-Year Composition requirement: | |
| ECN 314: Intermediate Microeconomic Theory | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 | |
| ECN Upper Division Elective: | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course. CRA required. | |
| Related Area (ACC, CIS, ECN, and or any upper division courses from FIN, GCU, HST, MAT, MGT, MKT, PHI, POS, SCM, STP) | 3 | | | Grade of C | content area course GPA <u>required</u> MILESTONE: Submit Intent to Progress form | |
| STP 226: Elements of Statistics (CS) OR ECN 221: Statistical Analysis (CS) | 3 | | | Grade of C | (online) | |
| Natural Science – Qualitative (SQ): | 4 | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| ECN 313: Intermediate Macroeconomic Theory (SB) OR | 3 | \boxtimes | | Grade of C | Complete both SQ/SG with a "C" or better Complete ECN 313 and 314 with a "C" or better | |
| ECN 314: Intermediate Microeconomic Theory ECN Upper Division Elective: | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical | |
| ECN 321: Economics of the European Economic Union OR ECN 410: Applied Business Forecasting OR ECN 425: Introduction to Econometrics | 3 | | | Grade of C | content area course GPA required Must complete BLE 220 with a grade of "C" or better | |
| Related Area (ACC, CIS, ECN, and or any upper division courses | 3 | \boxtimes | | Grade of C | Complete CS MILESTONE: Attend PTPP Enrollment | |
| from FIN, GCU, HST, MAT, MGT, MKT, PHI, POS, SCM, STP) BLE 220: Foundations of SEI | 3 | | 1 | Grade of C | Workshop | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | 5.440 01 0 | | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | | | Grade of C | | |
| TEL 314 Classroom Assessment | 3 | | | Grade of C | | |
| TEL 315: Child and Adolescent Development (L) | 3 | | | Grade of C | | |
| SED 396: Field Experience | 1 | | | Grade of Y | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| ECN Upper Division Elective: | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| BLE 407: SEI for Secondary | 3 | | | Grade of C | | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | | | Grade of C | | |
| RDG 323: Literacy Processes in Content Areas | 3 | | | Grade of C | | |
| | 1 | | İ | İ | | |
| Select first methods course with advisor | 3 | \boxtimes | | Grade of C | | |



Major Map: Secondary Education (Economics) -**Bachelor of Arts in Education (B.A.E.)**

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|---|------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| ECN 475: Capstone in Economics OR ECN 493: Honors Thesis (L) | 3 | ⊠ | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| SED 321: Critical Issues in SED (L) | 3 | \boxtimes | | Grade of C | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | \boxtimes | | Grade of C | |
| Select second methods course with advisor | 3 | \boxtimes | | Grade of C | |
| Upper Division ECN Elective | 3 | \boxtimes | | | |
| SED 496: Field Experience | 1 | \boxtimes | | Grade of Y | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | • | |
| SED 478: Student Teaching | 8-12 | \boxtimes | | Grade of Y | Minimum 2.50 ASU cumulative GPA |

Graduation Requirements Summary:

| Total Hours 120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-----------------------------|--------------------------------|---|-----------------------------------|--|---------------------------------------|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - Mathematical Studies (MA) (3 credit hours)
 - Computer/Statistics/Quantitative applications (CS) (3 credit hours) 0
 - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - Social and Behavioral Sciences (SB) (6-9 credit hours) 0
 - Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) (3 credit hours) (may be combined with other general studies requirements.) 0
 - Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.) 0
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 & 102 OR ENG 107 & 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area, as some courses are not offered every semester.

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.



Major Map: Secondary Education (English) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|--|------|-------------------|---|------------------------------|--|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | | |
| TERM ONE: 0-15 CREDIT HOURS | 1113 | Division | Course/Grade | Required | Additional Critical Fracking Profes | | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. Not required of transfer students | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | | |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | composition courses ASU Math Placement Exam score determines | | |
| Natural Science – Quantitative or General (SQ/SG): | 4 | | | Grade of C | placement in mathematics course | | |
| Awareness Area – Global (G): | 3 | | | | Minimum 2.50 ASU cumulative and critical content area course GPA recommended | | |
| EDT 180 or EDT 321: Computer Literacy (CS): | 3 | | | |] | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Complete Mathematical Studies (MA) requirement Minimum 2.50 ASU cumulative and critical | | |
| SPE 222: Orientation Education of the Exceptional Child (SB, C) | 3 | | | Grade of C | content area course GPA recommended | | |
| Natural Science – Quantitative (SQ): | 4 | | | Grade of C | 1 | | |
| BLE 220: Foundations of SEI: | 3 | | | Grade of C | 1 | | |
| Elective: | 3 | | | | <u> </u> | | |
| TERM THREE: 31-45 CREDIT HOURS | |] | | G 1 5G | Complete First-Year Composition requirement: | | |
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 | | |
| ENG 221: Survey of English Literature (HU) ENG 212: English Prose Style (L) OR | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA required | | |
| 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 311: Persuasive Writing (L) | 3 | | | Grade of C | MILESTONE: Submit Intent to Progress form (online) | | |
| ENG elective | 3 | | | Grade of C | 1 | | |
| Elective | 3 | ⊠ | | | 1 | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | | |
| ENG 222: Survey of English Literature (HU, H) | 3 | | | Grade of C | By end of Term 4, complete: Both SQ/SG with a "C" or better; | | |
| ENG elective | 3 | | | Grade of C | Four additional ENG courses (not) | | |
| 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 | | | Grade of C | including ENG 101/102 and ENG 200); Computer Literacy (CS) | | |
| ENG 241: Literatures of the United States to 1860 (HU) | 3 | | | Grade of C | BLE 220 with a grade of "C" or better A Minimum 2.50 ASM annual districts BLE 220 with a grade of "C" or better | | |
| ENG 333: American Ethnic Literature ([L or HU] & C) OR 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) OR ENG 359: American Indian Literatures ([L or HU] & C) OR ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ([L or HU] & C) OR ENG 364: Women and Literature (HU) OR ENG 461: Studies in Women and Literature (HU) TERM FIVE: 61-75 CREDIT HOURS | 3 | ⊠ | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA required MILESTONE: Attend PTPP Enrollment Workshop | | |
| ENG 242: Literatures of the United States, 1860 to Present (HU) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | | |
| TEL 311: Instruction and Management in the Inclusive Classroom (C) | 3 | ⊠ | | Grade of C | | | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | ⊠ | | Grade of C | | | |
| TEL 314 Classroom Assessment | 3 | ⊠ | | Grade of C | | | |
| TEL 315: Child and Adolescent Development (L or SB) | 3 | ⊠ | | Grade of C | | | |
| SED 396: Field Experience I | 1 | ⊠ | | Grade of Y | 1 | | |
| TERM SIX: 76-90 CREDIT HOURS Upper-division ENG | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | | |
| ENG 480: Methods of Teaching English: Composition (L) OR | 3 | | | Grade of C | | | |
| SED 481: English Teaching Methods for Secondary Schools | | | | | | | |
| BLE 407: SEI for Secondary Students | 3 | | | Grade of C | | | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | | | Grade of C | | | |
| RDG 323: Literacy Processes in Content Areas | 3 | | | Grade of C | _ | | |
| SED 397: Field Experience II | 1 | \boxtimes | | Grade of Y | | | |



Major Map: Secondary Education (English) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
|--|------|-------------------|--------------------------|------------------------------|------------------------------------|--|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| ENG 471: Literature for Adolescents (HU) | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| SED 321: Critical Issues in SED (L) | 3 | | | Grade of C | | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | | | Grade of C | | |
| ENG 482: Methods of Teaching English: Language (L) | 3 | \boxtimes | | Grade of C | | |
| ENG 421: Shakespeare (HU) | 3 | ⊠ | | Grade of C | | |
| SED 496: Field Experience III | 1 | \boxtimes | | Grade of Y | | |
| TERM EIGHT: 106-120 CREDIT HOURS | • | • | • | | | |
| SED 478: Student Teaching in Secondary Schools | 8-12 | \boxtimes | | Grade of Y | Minimum 2.50 ASU cumulative GPA | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - O Cultural Diversity in the U.S (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area, as some courses are not offered every semester.

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.



Major Map: Secondary Education (French) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | | ansfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-----------------------|-------------------|--------------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1115 | Biviolon | Course Grade | Minimum Grade ii Required | Additional Critical Flaving Polices |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| FRE Related Field (list in DARS) | 3 | | | Grade of C | placement in mathematics course |
| FRE Related Field (list in DARS) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA recommended |
| FRE 205: Readings in French Literature (G) | 3 | | | Grade of C | |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Complete Mathematical Studies (MA) requirement Minimum 2.50 ASU cumulative and critical |
| SPE 222: Orientation Education of the Exceptional Child (SB, C) | 3 | | | Grade of C | content area course GPA recommended |
| Natural Science – Quantitative (SQ): | 4 | | | Grade of C | |
| FRE 311: French Conversation (G) | 3 | ⊠ | | Grade of C | |
| Social and Behavioral Sciences (SB): | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| FRE 321: French Literature ([L or HU] &H) | 3 | \boxtimes | | Grade of C | Complete First-Year Composition requirement: DIG 101 0 102 OR ENG 107 0 109 |
| FRE 312: French Composition (G) | 3 | \boxtimes | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 Complete FRE 312 and one additional FRE |
| BLE 220: Foundations of Structured English Immersion | 3 | | | Grade of C | course. |
| SLC 201: Introduction to Linguistics (HU or SB) OR | 3 | | | | Minimum 2.50 ASU cumulative and critical content area course GPA required |
| SLC 202: Introduction to Literacy and Cultural Theory (G) | | | | | MILESTONE: Submit Intent to Progress form |
| EDT 180 or EDT 321 (CS): Computer Literacy | 3 | | | | (online) |
| TERM FOUR: 46-60 CREDIT HOURS | _ | _ | | | Complete both SQ/SG with a "C" or better. |
| FRE 322: French Literature (L or HU) | 3 | ⊠ | | Grade of C | Complete Both SQ/SG with a 'C' of better. Complete BLE 220 with a grade of "C" or better. |
| FRE Civilization FRE 394: Special Topics FRE 415: French Civilization I (HU) FRE 416: French Civilization II (HU & G) FRE 471: Literature of Francophone Africa and the Caribbean (L or HU) FRE 472: Franco-Canadian Civilization | 3 | ⊠ | | Grade of C | Complete CS Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP MILESTONE: Attend PTPP Enrollment Workshop |
| FRE Literature FRE 441: French Literature of the 17th Century (L or HU) FRE 442: French Literature of the 17th Century (HU, H) FRE 445: French Literature of the 18th Century (L or HU) FRE 451: French Poetry of the 19th Century FRE 452: French Novel of the 19th Century (HU) FRE 453: Theater of the 19th Century (L or HU) FRE 461: Modern Narrative (HU) | 3 | ⊠ | | Grade of C | Workshop |
| FRE 462: Modern Poetry (HU) | | | | | |
| FRE 462: Modern Poetry (HU) SLC 201: Introduction to Linguistics (HU or SB) OR | 3 | | | Grade of C | |
| FRE 462: Modern Poetry (HU) | 3 4 | | | Grade of C Grade of C | |
| FRE 462: Modern Poetry (HÜ) SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory Natural Science – Quantitative or General (SQ/SG): TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| FRE 462: Modern Poetry (HÜ) SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory Natural Science – Quantitative or General (SQ/SG): TERM FIVE: 61-75 CREDIT HOURS FRE 315: French Phonetics | | | | | Must possess valid DPS fingerprint clearance to participate in field experience. |
| FRE 462: Modern Poetry (HÜ) SLC 201: Introduction to Linguistics (HÜ or SB) OR SLC 202: Introduction to Literacy and Cultural Theory Natural Science – Quantitative or General (SQ/SG): TERM FIVE: 61-75 CREDIT HOURS FRE 315: French Phonetics TEL 311: Instruction and Management in the Inclusive Classroom | 4 | | | Grade of C | Must possess valid DPS fingerprint clearance to participate in field experience Minimum 2.50 ASU cumulative GPA |
| FRE 462: Modern Poetry (HÜ) SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory Natural Science – Quantitative or General (SQ/SG): TERM FIVE: 61-75 CREDIT HOURS FRE 315: French Phonetics | 3 | | | Grade of C Grade of C | participate in field experience |
| FRE 462: Modern Poetry (HÜ) SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory Natural Science – Quantitative or General (SQ/SG): TERM FIVE: 61-75 CREDIT HOURS FRE 315: French Phonetics TEL 311: Instruction and Management in the Inclusive Classroom (C) | 3 3 | | | Grade of C Grade of C Grade of C | participate in field experience |
| FRE 462: Modern Poetry (HÜ) SLC 201: Introduction to Linguistics (HÜ or SB) OR SLC 202: Introduction to Literacy and Cultural Theory Natural Science – Quantitative or General (SQ/SG): TERM FIVE: 61-75 CREDIT HOURS FRE 315: French Phonetics TEL 311: Instruction and Management in the Inclusive Classroom (C) TEL 313: Educational Technology in the K-12 Curriculum | 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C | participate in field experience |
| FRE 462: Modern Poetry (HÜ) SLC 201: Introduction to Linguistics (HÜ or SB) OR SLC 202: Introduction to Literacy and Cultural Theory Natural Science — Quantitative or General (SQ/SG): TERM FIVE: 61-75 CREDIT HOURS FRE 315: French Phonetics TEL 311: Instruction and Management in the Inclusive Classroom (C) TEL 313: Educational Technology in the K-12 Curriculum TEL 314 Classroom Assessment | 4 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C | participate in field experience |



Major Map: Secondary Education (French) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|---|----------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| BLE 407: SEI for Secondary Students | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | | | Grade of C | |
| RDG 323: Literacy Processes in Content Areas | 3 | | | Grade of C | |
| SLC 480: Methods of Teaching Foreign Languages (spring only) | 3 | | | Grade of C | |
| SLC 498: Special Topics | 3 | | | Grade of C | |
| SED 397: Field Experience II | 1 | | | Grade of Y | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| FRE 412: Advanced Written French (G) | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| SED 321: Critical Issues in Secondary Education (L) | 3 | | | Grade of C | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | | | Grade of C | |
| FRE 411: Advanced Spoken French (G) | 3 | \boxtimes | | Grade of C | |
| SED 496: Field Experience III | 1 | ⊠ | | Grade of Y | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SED 478: Student Teaching in the Secondary School | 8- 12 | | | Grade of Y | Minimum 2.50 ASU cumulative GPA |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Sciences-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Sciences-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area as some courses are not offered every semester.



Major Map : Secondary Education (Geography) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|------|-------------|---------------|---------------------------|---|
| Course Subject and Title | 11 | Upper | Transfer | Minimum Cond. if Demind | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for freshman ASU students only. |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Not required of transfer students. Minimum 2.00 ASU cumulative GPA An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | composition courses |
| GCU 102: Introduction to Human Geography (SB, G) | 3 | | | Grade of C | ASU Math Placement Exam score determines |
| Natural Science - Quantitative or General (SQ/SG) | 4 | | | Grade of C | placement in Mathematics course Minimum 2.50 ASU cumulative and critical content area course GPA recommended |
| Elective: | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | 2 | | 1 | 0 1 60 | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Complete Mathematical Studies (MA) requirement Minimum 2.50 ASU cumulative and critical |
| GCU 121: World Geography (SB, G) | 3 | | | Grade of C | content area course GPA recommended |
| GPH 111: Introduction to Physical Geography (SQ) | 4 | | | Grade of C | |
| SPE 222: Orientation Education of the Exceptional Child (SB, C) | 3 | | | Grade of C | |
| Elective: | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| EDT 180 or EDT 321:Computer Literacy (CS): | 3 | | | | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| Physical Geography GPH 210: Society and Environment (G) GPH 211: Landform Process (L) GPH 212/214: Introduction to Meteorology and Laboratory (SQ) GPH 314: Global Change (HU, G) | 3-4 | | | Grade of C | Recommend HST 109 for HU, H and covers US constitution for certification requirement. Minimum 2.50 ASU cumulative and critical content area course GPA required |
| Human Geography GCU 141: Introduction to Economic Geography (SB, G) GCU 322: Geography of US and Canada (SB, C) GCU 351: Population Geography (SB, G) GCU 361: Urban Geography (SB) | 3 | | | Grade of C | MILESTONE: Submit Intent to Progress form (online) |
| Elective | 3 | | | | |
| Humanities/Fine Arts and Design (HU) with Awareness Area – | 3 | | | | |
| Historical (H): | | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2.1 | | 1 | | |
| GPH or GCU Upper Division Elective: | 3-4 | | | Grade of C | Complete SQ/SG with a "C" or better. Must complete BLE 220 with a grade of "C" or |
| GPH or GCU Upper Division Elective: | 3 | | | Grade of C | better |
| Upper Division HU or SB | 3 | | | Grade of C | Complete CS Minimum 2.50 ASU cumulative and critical |
| BLE 220: Foundations of SEI | 3 | | | Grade of C | content area course GPA required |
| Humanities/Fine Arts and Design(HU): | 3 | | | | Must complete at least 56 credits to progress into PTPP MILESTONE: Attend PTPP Enrollment Workshop |
| TERM FIVE: 61-75 CREDIT HOURS TEL 311: Instruction and Management in the Inclusive Classroom | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| - | 3 | | | Grade of C | Must possess a valid DPS fingerprint clearance |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | | | Grade of C | card to participate in field experience |
| TEL 314 Classroom Assessment | 3 | | | Grade of C | |
| TEL 315: Child and Adolescent Development (L) | 1 | | | Grade of Y | |
| SED 396: Field Experience | 1 | | | Graue or r | |
| TERM SIX: 76-90 CREDIT HOURS GPH or GCU Upper Division Elective: | 3-4 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| •• | 3-4 | | | | Thirty credits required in Geography |
| BLE 407: SEI for Secondary | - | _ | | Grade of C | specialization |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | | | Grade of C | |
| RDG 323: Literacy Processes in Content Areas | 3 | | | Grade of C | |
| SED 480: Social Studies Methods | 3 | | | Grade of C | |
| SED 397: Field Experience | 1 | | | Grade of Y | |



Major Map : Secondary Education (Geography) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|----------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| SED 321: Critical Issues in SED (L) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| SED 322: Classroom Leadership in Secondary Schools | 3 | | | Grade of C | |
| GCU 414: Teaching Geography Standards | 3 | | | Grade of C | |
| GPH or GCU Upper Division Elective: | 3 | | | Grade of C | |
| SED 496: Field Experience | 1 | | | Grade of Y | |
| Elective: | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SED 478: Student Teaching in Secondary Schools | 8- 12 | | | Grade of Y | Minimum 2.50 ASU cumulative GPA |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|---|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 & 102 OR ENG 107 & 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area, as some courses are not offered every semester.



Major Map : Secondary Education (German) Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-------|-------------------|--|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Minimum Grade if Course/Grade Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | IIIS. | Division | Course/Grade Required | Additional Critical Tracking Notes |
| ASU 101: The ASU Experience | 1 | | Grade of C | ASU 101 is for ASU freshman students only. Not |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | Grade of C | required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| MAT 142: College Mathematics (MA) or higher | 3 | | Grade of C | courses |
| GER 201: Intermediate German (G) | 4 | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| Humanities/Fine Arts and Design (HU) with Awareness Area (H): | 3 | | | Minimum 2.50 ASU cumulative and critical content area course GPA recommended |
| EDT 180/321 Computer Literacy (CS): | 3 | | | Recommend HST 109 for HU, H and covers US constitution for certification requirement |
| TERM TWO: 16-30 CREDIT HOURS | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | Grade of C | Complete Mathematical Studies (MA) requirement Minimum 2.50 ASU cumulative and critical |
| SPE 222: Orientation Education of the Exceptional Child (SB,C) | 3 | | Grade of C | content area course GPA recommended |
| Natural Science – Quantitative or General (SQ/SG): | 4 | | Grade of C | |
| GER 202: Intermediate German (G) | 4 | | Grade of C | |
| BLE 220: Foundations of SEI: | 3 | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | |
| GER 311: German Conversation (G) OR GER 312: German Composition (G) | 3 | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 |
| GER Upper Division Elective: | 3 | | Grade of C | Minimum 2.50 ASU cumulative and critical |
| SLC 201: Introduction to Linguistics OR | 3 | | Grade of C | content area course GPA required |
| SLC 202: Introduction to Literacy and Cultural Theory (G) | | | | MILESTONE: Submit Intent to Progress Form (online) |
| GER Related Field (reference course list): Recommend SB | 3 | | 0.1.60 | (omme) |
| Natural Science - Quantitative (SQ): | 4 | | Grade of C | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | |
| GER 313: German Composition (G) | 3 | | Grade of C | Complete both SQ/SG with a "C" or better. Minimum 2.50 ASU cumulative and critical |
| GER Upper Division Elective: SLC 201: Introduction to Linguistics OR | 3 | | Grade of C Grade of C | content area course GPA required |
| SLC 202: Introduction to Literacy and Cultural Theory (G) | 3 | " | Grade of C | Complete CS |
| GER Related Field (reference course list): | 3 | | Grade of C | Must complete at least 56 credits to progress into ITC |
| TEL 315: Child and Adolescent Development (L) | 3 | | Grade of C | MILESTONE: Attend PTPP Enrollment Workshop Complete BLE 220 with a grade of "C" or better |
| TERM FIVE: 61-75 CREDIT HOURS | | | | |
| GER 411: Advanced Grammar and Conversation (G) | 3 | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| GER 421: German Literature (HU) | 3 | | Grade of C Grade of C | _ |
| TEL 311: Instruction and Management in the Inclusive Classroom | | | | |
| TEL 313: Educational Technology in the K-12 Curriculum (SB) | 3 | \square | Grade of C | |
| TEL 314 Classroom Assessment | 3 | | Grade of C | |
| SLC 479: Introduction to Teaching Foreign Languages | 3 | \boxtimes | Grade of C | |
| SED 396: Field Experience | 1 | | Grade of Y | |
| TERM SIX: 76-90 CREDIT HOURS | | | | |
| GER 412: Advanced Grammar and Composition (G) | 3 | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| BLE 407: SEI for Secondary | 3 | | Grade of C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | | Grade of C | |
| RDG 323: Literacy Processes in Content Areas | 3 | | Grade of C | |
| SLC 480: Methods of Teaching Foreign Languages | 3 | | Grade of C | |
| SED 397: Field Experience | 1 | \boxtimes | Grade of C | |
| TERM SEVEN: 91-105 CREDIT HOURS | - | | | ACT OF AC |
| GER 422: German Literature (L or HU) | 3 | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| SED 321: Critical Issues in SED (L) SED 322: Classroom Leadership in Secondary Schools | 3 | | Grade of C Grade of C | - |
| SED 496: Field Experience | 1 | | Grade of C | - |
| SLC 498: Pro-Seminar | 3 | | Grade of C | - |
| TERM EIGHT: 106-120 CREDIT HOURS | , | | Grade of C | <u></u> |
| SED 478: Student Teaching in Secondary Schools | 8-12 | \boxtimes | Grade of C | Minimum 2.50 ASU cumulative GPA |



Major Map: Secondary Education (German) Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|------------------------------|--------------------------------|---|--------------------------------|--|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Please check course availability in your specialization area as some courses are not offered every semester.



Major Map: Secondary Education (History) Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: □ MAPP □TAG □ATP □None | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|--|-------------|--|--|---|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs | Division | Course/Grade | Required | Additional Critical Tracking Notes | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. | |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | Not required of transfer students | |
| ENG 107 and 108: English for Foreign Students OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 105: Advanced First-Year Composition | | | | 0 1 10 | determines placement into first-year composition courses | |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | ASU Math Placement Exam score determines | |
| HST 109: United States History to 1865 ([HU or SB], H) OR HST 110: United States History Since 1865 (SB, H) | 3 | | | Grade of C | placement in mathematics course | |
| Non-U.S. History (list in DARS): | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical | |
| Elective | 3 | | | | content area course GPA recommended | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | Complete Mathematical Studies (MA) | |
| ENG 107 and 108: English for Foreign Students OR | | | | | requirement | |
| ENG 105: Advanced First-Year Composition | | | | 0 1 60 | Minimum 2.50 ASU cumulative and critical | |
| HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, | 3 | | | Grade of C | content area course GPA recommended | |
| GPH, POS, SOC, WSH, WST): Natural Science – Quantitative or General (SQ/SG) | 4 | | | Grade of C | | |
| Complete remaining course (not already completed): | 3 | | | Grade of C | | |
| HST 109: United States History to 1865 (HU or SB, H) OR | | | | Grade of C | | |
| HST 110: United States History since 1865 (SB, H) | | | | | | |
| | | | | | | |
| SPE 222: Orientation Education of the Exceptional Child | 3 | | | Grade of C | | |
| (SB,C) TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| | | | 1 | | | |
| HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 % 102 OR ENG 107 % 108 or 105 | |
| GPH, POS, SOC, WSH, WST): BLE 220: Foundations of SEI | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 Minimum 2.50 ASU cumulative and critical | |
| HST Related Area (AFR, AFH, AFS, AIS, CCS, CSH, CSS, ECN, | 3 | | | Grade of C | content area course GPA required | |
| GCU, GPH, POS, SOC, WSH, WST): | 3 | | | Grade of C | MILESTONE: Submit Intent to Progress form | |
| Non-U.S. History (list in DARS): | 3 | | | Grade of C | (online) | |
| EDT 180 or EDT 321 Computer Literacy (CS): | 3 | | | Grade of C | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| Upper-division U.S. History (list in DARS): | 3 | \boxtimes | | Grade of C | By end of Term 4, must complete: | |
| | | | | | | |
| Upper-division U.S. History (list in DARS): | 3 | ⊠ | | Grade of C | At least four HIS/HST courses; PM F 222 | |
| | 3 | | | Grade of C Grade of C | BLE 220 with a grade of "C" or better; | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, | | | | | BLE 220 with a grade of "C" or better;Computer Literacy (CS). | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): | 3 | | | Grade of C Grade of C | BLE 220 with a grade of "C" or better; | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, | 3 | | | Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): | 3 | | | Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): | 3 | | | Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): | 3 | | | Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS | 3 3 4 | | | Grade of C Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Workshop | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS HIS/HST 300: Historical Inquiry (L/HU/SB, H) | 3 3 4 | | | Grade of C Grade of C Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Workshop Minimum 2.50 ASU cumulative GPA | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS HIS/HST 300: Historical Inquiry (L/HU/SB, H) TEL 311: Instruction and Management in the Inclusive Classroom | 3 3 4 | | | Grade of C Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Workshop Minimum 2.50 ASU cumulative GPA Must possess valid DPS fingerprint clearance | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS HIS/HST 300: Historical Inquiry (L/HU/SB, H) TEL 311: Instruction and Management in the Inclusive Classroom (C) | 3 3 4 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Workshop Minimum 2.50 ASU cumulative GPA | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS HIS/HST 300: Historical Inquiry (L/HU/SB, H) TEL 311: Instruction and Management in the Inclusive Classroom (C) TEL 313: Educational Technology in the K-12 Curriculum | 3 3 4 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Workshop Minimum 2.50 ASU cumulative GPA Must possess valid DPS fingerprint clearance | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS HIS/HST 300: Historical Inquiry (L/HU/SB, H) TEL 311: Instruction and Management in the Inclusive Classroom (C) TEL 313: Educational Technology in the K-12 Curriculum TEL 314 Classroom Assessment | 3 3 4 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Workshop Minimum 2.50 ASU cumulative GPA Must possess valid DPS fingerprint clearance | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS HIS/HST 300: Historical Inquiry (L/HU/SB, H) TEL 311: Instruction and Management in the Inclusive Classroom (C) TEL 313: Educational Technology in the K-12 Curriculum TEL 314 Classroom Assessment TEL 315: Child and Adolescent Development (L or SB) | 3 3 4 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Workshop Minimum 2.50 ASU cumulative GPA Must possess valid DPS fingerprint clearance | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS HIS/HST 300: Historical Inquiry (L/HU/SB, H) TEL 311: Instruction and Management in the Inclusive Classroom (C) TEL 313: Educational Technology in the K-12 Curriculum TEL 314 Classroom Assessment TEL 315: Child and Adolescent Development (L or SB) SED 396: Field Experience I | 3 3 4 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Workshop Minimum 2.50 ASU cumulative GPA Must possess valid DPS fingerprint clearance | |
| Upper-division U.S. History (list in DARS): Upper-division Non-U.S. History (list in DARS): HST Related Area (AFR, AFH, AFS, AIS, TCL, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST): Natural Science – Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS HIS/HST 300: Historical Inquiry (L/HU/SB, H) TEL 311: Instruction and Management in the Inclusive Classroom (C) TEL 313: Educational Technology in the K-12 Curriculum TEL 314 Classroom Assessment TEL 315: Child and Adolescent Development (L or SB) SED 396: Field Experience I TERM SIX: 76-90 CREDIT HOURS | 3 3 4 3 3 3 3 3 | | | Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C | BLE 220 with a grade of "C" or better; Computer Literacy (CS). Both SQ/SG with a "C" minimum Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Workshop Minimum 2.50 ASU cumulative GPA Must possess valid DPS fingerprint clearance | |
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Major Map: Secondary Education (History) Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|---|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Sciences-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - Natural Sciences-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area, as some courses are not offered every semester.



Major Map: Secondary Education (Japanese) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|-----|-------------|--------------|-------------------------------|---|--|
| Course Subject and Title | | Upper | Transfer | TAG ATP None Minimum Grade if | | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs | Division | Course/Grade | Required | Additional Critical Tracking Notes | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. Not | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition | |
| ENG 105: Advanced First-Year Composition MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | courses | |
| | | | | | ASU Math Placement Exam score determines | |
| JPN 301: Third-Year Japanese I (G) | 3 | | | Grade of C | placement in mathematics course Minimum 2.50 ASU cumulative and critical | |
| Humanities/Fine Arts and Design (HU) with Historical (H) | 3 | | | | content area course GPA recommended Recommend HST 109 for HU, H and meets the | |
| Elective | 1 | | | | US constitution requirement for certification. | |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENC 105-Advanced First Voya Composition | 3 | | | Grade of C | Complete Mathematical Studies (MA) requirement Minimum 2.50 ASU cumulative and critical | |
| ENG 105: Advanced First-Year Composition JPN 302: Third-Year Japanese II (G) | 3 | | | Grade of C | content area course GPA recommended | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | Grade of C | | |
| SPE 222: Orientation Education of the Exceptional Child (SB,C) | 3 | | | Grade of C | 1 | |
| EDT 180 or EDT 321 Computer Literacy (CS) | 3 | | | | 1 | |
| TERM THREE: 31-45 CREDIT HOURS | | 1 | | | | |
| Upper-division Japanese elective (list on page 2) | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 | |
| JPN Related Area: Historical Overview (list on page 2) | 3 | | | Grade of C | Complete one upper division JPN course. | |
| Natural Science – Quantitative (SQ) | 4 | | | Grade of C | Minimum 2.50 ASU cumulative and critical | |
| Upper-division Japanese elective (list on page 2) SLC 201: Introduction to Linguistics (HU or SB) OR | 3 | ⊠ | | Grade of C | content area course GPA <u>required</u> MILESTONE: Submit intent to progress form | |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory | 3 | | | Grade of C | (online) | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| TEL 315: Child and Adolescent Development (SB) | 3 | \boxtimes | | Grade of C | Complete both SQ/SG with a "C" or better. | |
| Upper-division Japanese elective (list on page 2) | 3 | \boxtimes | | Grade of C | Complete CS Must complete BLE 220 with a grade of "C" or | |
| BLE 220: Foundations of SEI | 3 | | | Grade of C | better | |
| JPN Related Area (list on page 2) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical | |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | content area course GPA required Must complete at least 56 credits to progress into PTPP MILESTONE: Attend PTPP Enrollment Workshop | |
| JPN 414: Introduction to Classical Japanese | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| SLC 421: Japanese Literature in Translation ([L or HU]) & G) | 3 | ⊠ | | Grade of C | Must possess valid DPS fingerprint clearance card | |
| SLC 479: Introduction to Teaching Foreign Languages | 3 | | | Grade of C | to participate in field experience | |
| TEL 311: Instruction and Management in the Inclusive Classroom (C) | 3 | ⊠ | | Grade of C | 1 | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | ⊠ | | Grade of C | 1 | |
| TEL 314 Classroom Assessment | 3 | \boxtimes | | Grade of C | 1 | |
| SED 396: Field Experience I | 1 | \boxtimes | | Grade of Y | 7 | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | | |
| JPN 401: Reading Modern Japanese Texts I ([L or HU] & G) | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| BLE 407: SEI for Secondary Students | 3 | ☒ | | Grade of C | | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | \boxtimes | | Grade of C | | |
| RDG 323: Literacy Processes in Content Areas | 3 | ⊠ | | Grade of C | | |
| SLC 480: Methods of Teaching Foreign Languages | 3 | \boxtimes | | Grade of C | | |
| SED 397: Field Experience II | 1 | | | Grade of Y | | |
| TERM SEVEN: 91-105 CREDIT HOURS | 2 | | ı | 0 1 60 | Minimum 2.50 ASII aumulativa CDA | |
| Upper-division Japanese elective (list on page 2) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| Upper-division Japanese elective (list on page 2) | 3 | ⊠ ⊠ | | Grade of C | - | |
| SED 321: Critical Issues in Secondary Education (L) | 3 | ⊠ ⊠ | | Grade of C | - | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | | | Grade of C | - | |
| SED 496: Field Experience III | 1 | | | Grade of Y | - | |
| SLC 498: Proseminar TERM EIGHT: 106-120 CREDIT HOURS | 3 | | | | | |
| | 8- | <u> </u> | | C I CY | Minimum 2.50 ASU cumulative GPA | |
| SED 478: Student Teaching in the Secondary School | 12 | \boxtimes | | Grade of Y | | |



Major Map: Secondary Education (Japanese) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|---|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area, as some courses are not offered every semester.

| Related Area: Historical Overview | Related Area |
|--|---|
| ARS 201: Art of Asia (HU, H, G) | ARS 472: Art of China (HU) |
| ARS 473: Art of Japan (HU) | ARS 473: Art of Japan (HU) |
| HST 108: Introduction to Japan (SB, G, H) | ARS 475: Chinese Painting (HU) |
| HST 387: Japan (L/SB, H) | GCU 326: Geography of Asia (SB, G) |
| REL 355: Japanese Cities and Cultures to 1800 (HU, H) | HST 106: Asian Civilizations (HU/SB, G, H) |
| REL 444: Religion in Japan (HU, H, G) | HST 107: Asian Civilizations (SB, G, H) |
| REE 444. Religion in Jupun (110, 11, 0) | HST 108: Introduction to Japan (SB, G, H) |
| | HST 201: Historical Themes in Asia (SB, H) |
| | HST 383: China (SB, H) |
| Upper-Division Elective | HST 384: China (SB, G, H) |
| JPN 309: Japanese Oral Communication I | HST 385: History of Chinese Medicine (HU, H, G) |
| JPN 310: Japanese Oral Communication II | HST 386: Interpreting China's Classics (L/HU, H) |
| JPN 311: Japanese Oral Communication II JPN 311: Japanese Composition I (G) | HST 387: Japan (L/SB, H) |
| | |
| JPN 312: Japanese Composition II (G) | HST 388: Japan (SB, G, H) |
| JPN 394: Special Topics | HST 452: Chinese Cultural History (SB, G, H) |
| JPN 445: Readings in Modern Japanese Letters and Culture | POS 445: Asian Political Thought (SB, G) |
| JPN 485: Literary Translation: Theory and Practice | POS 451: China, Japan, and the Koreas (SB, G) |
| JPN 494: Special Topics | POS 452: China (SB, G) |
| | POS 468: Comparative Asian Foreign Policies (SB, G) |
| | REL 344: Religion and Values in Japanese Life (HU, G) |
| | REL 351: Buddhism (L/HU, G) |
| | REL 355: Japanese Cities and Cultures to 1800 (L/HU, H) |
| | REL 444: Religion in Japan (HU, H, G) |



Major Map: Secondary Education (Mathematics) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | | nster Pathway: TAG | □ AGEC □ IGETC/CSUGE □ None |
|--|------|-------------------|--------------------------|---------------------------|---|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1115 | Division | Course/Grade | William Grade ii Required | Additional Critical Tracking Notes |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. |
| ENG 101 and 102: First-Year Composition OR | | | | | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score |
| ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | determines placement into first-year |
| ENG 105: Advanced First-Year Composition MAT 270: Calculus with Analytic Geometry I (MA) | 4 | | | Grade of C | composition courses |
| Natural Science – Quantitative or General (SQ/SG): | 4 | - | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| | | | | | Minimum 2.50 ASU cumulative and critical |
| Humanities, Fine Arts, and Design (HU) with Awareness Area (H): | 3 | | | | content area course GPA recommended Recommend HST 109 for HU, H and meets US |
| | | | | | constitution requirement for certification. |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA recommended |
| ENG 105: Advanced First-Year Composition | | | | | content area course of 11 recommended |
| ACO 101: Introduction to Computer Science (CS) OR CSE 100: Principles of Programming with C++ (CS) OR | 3 | | | Grade of C | |
| CSE 100: Principles of Programming with Lava (CS) OR | | | | | |
| CSE 205: Concepts of Computer Science and Data Structures (CS) | | | | | |
| MAT 271: Calculus with Analytic Geometry II | 3 | | | Grade of C Grade of C | |
| SPE 222: Orientation Education of the Exceptional Child (SB,C) Elective: | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | 5 | | | | |
| MAT 300: Mathematical Structures (L) | 3 | \boxtimes | | Grade of C | Complete First-Year Composition requirement: |
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 Minimum 2.50 ASU cumulative and critical |
| Social Behavioral (SB) | 3 | | | | content area course GPA required |
| Elective: | 3 | | | | MILESTONE: Submit Intent to Progress form |
| Humanities/Fine Arts (HU) with Awareness Area – Global (G): | 3 | | | | (online) |
| TERM FOUR: 46-60 CREDIT HOURS MAT 310: Introduction to Geometry (spring only) | 3 | | | Grade of C | Must complete BLE 220 with a grade of "C" or |
| STP 420: Introductory Applied Statistics (CS) | 3 | ⊠ | | Grade of C | better |
| Natural Science – Quantitative (SQ): | 4 | | | Grade of C | Complete both SQ/SG with a grade of "C" or better |
| BLE 220: Foundations of SEI | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical |
| | | | | | content area course GPA required |
| Elective | 3 | | | | Must complete at least 56 credits to progress into PTPP |
| | | | | | MILESTONE: Attend PTPP Enrollment |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | Workshop |
| MAT 370 Intermediate Calculus OR | 3 | \boxtimes | | Grade of C | MAT 300 completed with a C or better |
| MAT 371: Advanced Calculus I | | | | | Minimum 2.50 ASU cumulative GPA |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | \boxtimes | | Grade of C | Must possess valid DPS fingerprint card to participate in field experience |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | \boxtimes | | Grade of C | F |
| TEL 314 Classroom Assessment | 3 | | | Grade of C | |
| TEL 315: Child and Adolescent Development (L or SB) | 3 | \boxtimes | | Grade of C | |
| SED 396: Field Experience | 1 | \boxtimes | | Grade of Y | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| MTE 483: Mathematics in the Secondary School (Spring only OR | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| MAT 411: History and Philosophy of Mathematics (HU, H)) MAT 342: Applied Linear Algebra | 3 | | | Grade of C | |
| BLE 407: SEI for Secondary | | | | | |
| , | 3 | | | Grade of C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | | | Grade of C | |
| RDG 323: Literacy Processes in Content Areas | 3 |] 🛚 | | Grade of C | |
| MTE 482: Methods Teaching Math in Secondary Schools | 3 | | | Grade of C Grade of Y | |
| SED 397: Field Experience | 1 | | | GIAUC OI I | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| MAT 443: Introduction to Abstract Algebra OR MAT 445: Theory of Numbers OR | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| MAT 443. Theory of Numbers OK MAT 447: Cryptography | | | | | |
| SED 321: Critical Issues in SED (L) | 3 | \boxtimes | | Grade of C | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | \boxtimes | | Grade of C | |
| | | | - | | ! |
| MTE 494: Advanced Methods Teaching Mathematics Secondary Schools SED 496: Field Experience | 3 | | | Grade of C Grade of Y | |



Major Map: Secondary Education (Mathematics) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | | |
|--|-----|-------------|--------------|---------------------------|------------------------------------|
| (courses in bold/shading are critical) | Hrs | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SED 478: Student Teaching in Secondary Schools | 8- | \boxtimes | | Grade of Y | Minimum 2.50 ASU cumulative GPA |
| SED 4/8. Student Teaching in Secondary Schools | 12 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Communiy College Hrs (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 & 102 OR ENG 107 & 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area as some courses are not offered every semester.



Major Map: Secondary Education (Physical Education) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: MAPP DTAG DATP None | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|-----|-------------|---|------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU Freshmen students only. |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | | | Grade of C | Not required of transfer students. An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ENG 107 or 108: English for Foreign Students MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | composition courses |
| Natural Sciences—Quantitative (SQ) (BIO 100: the Living World | | | | | ASU Math Placement Exam score determines |
| recommended) | 4 | | | Grade of C | placement in mathematics course Minimum 2.50 ASU cumulative and critical |
| PPE 210: Teaching Fitness Activities for K-12 Students OR PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 225: Teaching Cooperative and Initiative Games OR EXW 212: Instructional Competency Laboratory | 2 | | | Grade of C | content area course GPA recommended |
| Elective (recommend TEL 111: Exploration of Education [SB]) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | MA (MAT 142 or above) must be completed Recommended: HST 109 (HU, H) to fulfill U.S. Constitution requirement for Arizona |
| SPE 222: Orientation to Education of Exceptional Children (SB,C) | 3 | | | Grade of C | teacher certification Minimum 2.50 ASU cumulative and critical |
| BIO 201: Human Anatomy/Physiology I (SG) | 4 | | | Grade of C | content area course GPA recommended |
| Select one course from the following list (not already completed): PPE 210: Teaching Fitness Activities for K-12 Students OR PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 225: Teaching Cooperative and Initiative Games OR EXW 212: Instructional Competency Laboratory | 2 | | | Grade of C | |
| Humanities/Fine Arts (HU) with Awareness Area (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| PGS 101: Introduction to Psychology (SB) | 3 | | | Grade of C | Complete First-Year Composition |
| EXW 300: Foundations of Exercise and Wellness (SB) | 3 | | | Grade of C | requirement: ENG 101 and 102 OR ENG 107 and 108 or ENG 105 |
| BIO 202: Human Anatomy/Physiology II | 4 | | | Grade of C | Minimum 2.50 ASU cumulative and critical |
| TEL 212: Understanding the Culturally Diverse Child (C) | 3 | | | Grade of C | content area course GPA <u>required</u> MILESTONE: Submit intent to progress form |
| BLE 220: Foundations of SEI | 3 | | | Grade of C | (online) |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| EDT 180 Computer Literacy (CS) | 3 | | | Grade of C | By end of Term 4, complete BIO 202; BLE 220 and both SQ/SG with a grade of "C" or |
| PPE 365 Teaching Physical Activity Concepts (L) | 3 | | | Grade of C | better |
| Select one course from the following list (not already completed): PPE 210: Teaching Fitness Activities for K-12 Students OR PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 225: Teaching Cooperative and Initiative Games OR EXW 212: Instructional Competency Laboratory | 2 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA <u>required</u> Must complete at least 56 credits to progress into PTPP MILESTONE: Attend PTPP Enrollment Workshop |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| Humanities, Fine Arts, and Design (HU) with Awareness area (G) TERM FIVE: 61-75 CREDIT HOURS | 3 | | | | |
| TEL 315: Childhood and Adolescent Development (L) | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| EXW 335 Physical Activity and Fitness Concepts OR EXW 330: Kinesiological Foundations of Movement | 3-4 | × | | Grade of C | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | \boxtimes | | Grade of C | |
| BLE 407: SEI for Secondary Students | 3 | \boxtimes | | Grade of C | |
| EDP 311: Educational Psychology for Teachers (SB) | 3 | \boxtimes | | Grade of C | |
| TERM SIX: 76-90 CREDIT HOURS EXW 335: Physical Activity and Fitness Concepts OR | 1 | 1 | | | • Caiamaa aaymaaa (CO and CO/CC) aammlatad |
| EXW 330: Envision Activity and Fitness Concepts OR EXW 330: Kinesiological Foundations of Movement | 3-4 | \boxtimes | | Grade of C | Science courses (SQ and SQ/SG) completed Minimum 2.50 ASU cumulative GPA |
| PPE 360: Adapted and Inclusive Physical Education | 3 | \boxtimes | | Grade of C | |
| RDG 323: Literacy Processes in Content Areas | 3 | ⊠ | | Grade of C | |
| PPE 350: Physical Education for the Elementary School | 3 | | | Grade of C | |
| PPE 355: Physical Education in the Secondary School | 3 | | | | |
| PPE 474: Field Experience in Physical Education | 1 | \boxtimes | | | |



Major Map: Secondary Education (Physical Education) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

| Course Subject and Title | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|---|-----|-------------------|--------------------------|------------------------------|--|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| PPE 484: Internship: Student Teaching (Elementary) | 6 | \boxtimes | | Grade of C | All General Studies and School of Education |
| Upper-division PPE or EXW elective | 3 | \boxtimes | | Grade of C | requirements must be complete Minimum 2.50 ASU cumulative |
| PPE 480: Professional Seminar for Physical Education | 3 | \boxtimes | | Grade of C | - Willimidili 2.30 ASO cumulative |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| PPE 484: Internship: Student Teaching in Physical Education | 6 | \boxtimes | | Grade of C | Minimum 2.5 cumulative ASU GPA |
| SED 322: Classroom Leadership in Secondary Schools | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | П | | | 1 |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Sciences-Quantitative (SQ)
 - o Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - O Cultural Diversity in the U.S. (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Secondary Education (Physics) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| Course Section 2017 Transfer Course Carlot | | | | Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None | | Completed General Education: □AGEC □IGETC/CSUGE □None | | |
|---|--|------|-------------|---|---------------------------|--|--|--|
| MAX 10 The ASH Proprieties | | Hrs | | | Minimum Grade if Required | Additional Critical Tracking Notes | | |
| EAG 191 and 1812. Elist-Year Composition OR ENG 197 and 1812. Elist-Year Composition ENG 197 and 1812. Elist-Year Composition ENG 197 and 1812. Elist-Year Composition ENG 197 and 1812. Elist-Year Composition End 197 and 197 and Design (EU) with Avenues Acea— Hancelas III. Hancelas | | | | | | | | |
| EAG 197 and 1985 English for Povings Students OR AN A TAT, Accorphace, or TOREE seed elements programmed first year composition MAY 2076 Calculus with Analytic Geometry I (MA) A | | 1 | | | Grade of C | | | |
| MAI 729C Calculus with Analytic Geometry I (MA) | ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score | | |
| Illumanties, Fine Arty, and Design (H.) with Awareness Artis 3 | | 4 | | | Grade of C | | | |
| Secondar (16) Complete (16 | | 3 | | | | placement in mathematics course | | |
| Complete SPE 222 with a "B" or better | , , , , | 3 | | | | Recommend HST 109 for HU, H and meets the US | | |
| PHY 121: University Physics I: Mechanics and 4 | ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content | | |
| MAT 271: Calculus with Analytic Geometry II (MA) | PHY 121: University Physics I: Mechanics and | 4 | | | Grade of C | | | |
| SPE 222; Orientation Education of the Exceptional Child (SB & 3 Ginde of C | | 4 | | | Grade of C | | | |
| Complete Pist Pis | Social and Behavioral Sciences (SB): | 3 | | | | | | |
| PIN 151: Physics II (SQ) OR First-Year Composition requirement: ENCT 10 & 100 of 105 of | • ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` | 3 | | | Grade of C | | | |
| PINY 131: University Physics II: Electricity and Magnetism and Piny 132: University Physics II: Electricity and Magnetism and Piny 132: University Physics II: Electricity and Magnetism and Piny 132: Diversity Physics II: Electricity and Magnetism and MAT 272: Calculus with Analytic Geometry III (MA) | | | | | | | | |
| MAT 272: Calculus with Analytic Geometry III (MA) | PHY 131: University Physics II: Electricity and Magnetism and PHY 132: University Physics II: Electricity and Magnetism Lab | 4 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 • Complete PHY 151 OR PHY 131& 132 | | |
| BLE 209: Foundations of Structured English Immersion 3 | | 4 | | | Grade of C | area course GPA required | | |
| PHY 32: Physical II (SQ) QR 3.4 | ** | | | | | MILESTONE: Submit intent to progress form online | | |
| PHY 322: Physis: III (SQ) OR Phy 321: Mathematical Methods in Physics I (CS) 3 | | 3 | | | Grade of C | | | |
| PHY 241: University Physics III | | | | | 0 1 10 | Minimum 2 50 ASU cumulative and critical content | | |
| Upper-division PHY course | | 3-4 | | | | area course GPA required | | |
| Complete BLE 220 with a "C" or better | • | | | | | | | |
| TELL 315: Child and Adolescent Development (L or SB) | Upper-division PHY course | 3 | | | Grade of C | | | |
| PHY 302: Mathematical Methods in Physics II 2 ☑ Grade of C * Minimum 2.50 ASU cumulative GPA PHY 310: Classical Particles, Fields, Matter I 3 ☑ Grade of C * Must possess valid DPS fingerprint clearance card TEL 311: Instruction and Management in the Inclusive Classroom 3 ☑ Grade of C TEL 313: Educational Technology in the K-12 Curriculum 3 ☑ Grade of C Upper-division PHY course 3 ☑ Grade of C SED 396: Field Experience I 1 ☑ Grade of C *** Test MSK* 76-90 CREDIT HOURS ** PHY 333: Electric Circuits and Measurements 3 ☑ Grade of C SED 407: Self of Secondary Students 3 ☑ Grade of C SPE 417: Inclusion Practices at the Secondary Level 3 ☑ Grade of C SPE 417: Inclusion Practices at the Secondary Level 3 ☑ Grade of C SED 397: Field Experience II 1 ☑ Grade of C ** PHY 340; Literacy Processes in Content Areas 3 ☑ Grade of C ** PHY 340; Literacy Processes in | TEL 315: Child and Adolescent Development (L or SB) | 3 | | | Grade of C | PTPP. | | |
| PHY 310: Classical Particles, Fields, Matter 1 3 | | | | 1 | | Military Agents | | |
| TEL 311: Instruction and Management in the Inclusive Classroom 3 | · | + | | | | | | |
| TEL 313: Educational Technology in the K-12 Curriculum 3 | | | | | | mast possess value 215 migesprint elementee care | | |
| TEL 314 Classroom Assessment | - | | | | | | | |
| Upper-division PHY course | | - | | | | | | |
| SED 396: Field Experience 1 | | 3 | | | | | | |
| TERM SIX: 76-90 CREDIT HOURS PHY 333: Electric Circuits and Measurements 3 | Upper-division PHY course | 3 | | | Grade of C | | | |
| PHY 333: Electric Circuits and Measurements 3 | • | 1 | ⊠ | | Grade of Y | | | |
| BLE 407: SEI for Secondary Students SPE 417: Inclusion Practices at the Secondary Level 3 | | 2 | | | 0 1 60 | W. CDA | | |
| SPE 417: Inclusion Practices at the Secondary Level 3 | | _ | | | | Iviinimum 2.50 ASU cumulative GPA | | |
| RDG 323: Literacy Processes in Content Areas 3 S Grade of C PHY 480: Methods of Teaching Physics 3 S Grade of C SED 397: Field Experience II 1 S Grade of C TERM SEVEN: 91-105 CREDIT HOURS PHY 314 Quantum Physics I OR PHY 361: Introductory Modern Physics SED methods course (see advisor) SED 321: Critical Issues in Secondary Education (L) SED 322: Classroom Leadership in Secondary Schools SED 496: Field Experience III Upper-division PHY course 4 S Grade of C TERM EIGHT: 106-120 CREDIT HOURS | ž | | | | | | | |
| PHY 480: Methods of Teaching Physics 3 □ Grade of C SED 397: Field Experience II 1 □ Grade of C TERM SEVEN: 91-105 CREDIT HOURS PHY 314 Quantum Physics I OR 3 □ Grade of C • Complete 10 hours of upper division PHY coursework SED methods course (see advisor) 3 □ Grade of C • Minimum 2.50 ASU cumulative GPA SED 321: Critical Issues in Secondary Education (L) 3 □ Grade of C • Minimum 2.50 ASU cumulative GPA SED 496: Field Experience III 1 □ Grade of Y □ Upper-division PHY course 4 □ Grade of C □ TERM EIGHT: 106-120 CREDIT HOURS | - | | | | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS PHY 314 Quantum Physics I OR PHY 361: Introductory Modern Physics SED methods course (see advisor) SED 321: Critical Issues in Secondary Education (L) SED 322: Classroom Leadership in Secondary Schools SED 496: Field Experience III Upper-division PHY course 4 Grade of C TERM EIGHT: 106-120 CREDIT HOURS | <u> </u> | 3 | \boxtimes | | | | | |
| PHY 314 Quantum Physics I OR PHY 361: Introductory Modern Physics SED methods course (see advisor) SED 321: Critical Issues in Secondary Education (L) SED 322: Classroom Leadership in Secondary Schools SED 496: Field Experience III Upper-division PHY course 4 □ Grade of C TERM EIGHT: 106-120 CREDIT HOURS | • | 1 | \boxtimes | | Grade of C | | | |
| SED methods course (see advisor) SED 321: Critical Issues in Secondary Education (L) SED 322: Classroom Leadership in Secondary Schools SED 496: Field Experience III Upper-division PHY course 4 | PHY 314 Quantum Physics I OR | 3 | \boxtimes | | Grade of C | | | |
| SED 321: Critical Issues in Secondary Education (L) 3 □ Grade of C SED 322: Classroom Leadership in Secondary Schools 3 □ Grade of C SED 496: Field Experience III 1 □ Grade of Y Upper-division PHY course 4 □ Grade of C TERM EIGHT: 106-120 CREDIT HOURS | | 3 | | | Grade of C | | | |
| SED 322: Classroom Leadership in Secondary Schools 3 □ Grade of C SED 496: Field Experience III 1 □ Grade of Y Upper-division PHY course 4 □ Grade of C TERM EIGHT: 106-120 CREDIT HOURS | <u> </u> | _ | | | | | | |
| Upper-division PHY course 4 ☑ Grade of C TERM EIGHT: 106-120 CREDIT HOURS | SED 322: Classroom Leadership in Secondary Schools | 3 | | | Grade of C | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | _ | | | | - | | |
| | 11 | 4 | | | Grade of C | | | |
| | | 8-12 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | | |



Major Map: Secondary Education (Physics) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area as some courses are not offered every semester.



Major Map: Secondary Education (Political Science) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Tran ☐ MAPP ☐ | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|------|-------------------|--------------------------|----------------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | піѕ | Division | Course/Grade | II Required | Additional Critical Tracking Notes | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. | |
| ENG 101 and 102: First-Year Composition OR | 3 | | | Grade of C | Not required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score | |
| ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | | | | | determines placement into first-year | |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | composition courses ASU Math Placement Exam score determines | |
| POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR | 3 | | | Grade of C | placement in mathematics course | |
| POS 160: Global Politics (SB & G) | | | | | Minimum 2.50 ASU cumulative and critical content area course GPA recommended | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | | content area course GPA recommended | |
| Related Area (AFR, AFH, AFS, ASB, ASM, CCS, CSH, CSS, ECN, GCU, GPH, HST, PGS, PSY, SOC, WSH, WST) | 3 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | Complete Mathematical Studies (MA) requirement | |
| ENG 105: Advanced First-Year Composition | | | | | Minimum 2.50 ASU cumulative and critical | |
| POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR | 3 | | | Grade of C | content area course GPA recommended | |
| POS 160: Global Politics (SB & G) | | | | | | |
| POS 210: Political Ideologies (SB) | 3 | | | Grade of C | | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | Grade of C | | |
| SPE 222: Orientation Education of the Exceptional Child (SB,C) | 3 | | | Grade of C | 1 | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| POS 301: Empirical Political Inquiry (SB) | 3 | | | Grade of C Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 | |
| POS elective EDT 180 or EDT 321: Computer Literacy (CS) | 3 | \vdash | | Grade of C | Minimum 2.50 ASU cumulative and critical | |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | Grade of C | content area course GPA <u>required</u> | |
| The second secon | | | | | Complete CS by end of Term 4 MILESTONE: Submit Intent to Progress form | |
| Humanities, Fine Arts, and Design (HU) with Historical awareness area(H) | 3 | | | | (online) | |
| died(11) | | | | | Recommend HST 109 for HU, H and covers US constitution for certification requirement. | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| Upper-division POS elective Upper-division POS elective | 3 | | | Grade of C Grade of C | Complete both SQ/SG with a "C" or better. Must complete four POS courses by the end of | |
| Related Area (AFR, AFH, AFS, ASB, ASM, CCS, CSH, CSS, ECN, | 3 | | | Grade of C | Term 4 | |
| GCU, GPH, HST, PGS, PSY, SOC, WSH, WST) | | | | | Complete BLE 220 with a "C" or better Complete CS | |
| Related Area (AFR, AFH, AFS, ASB, ASM, CCS, CSH, CSS, ECN, GCU, GPH, HST, PGS, PSY, SOC, WSH, WST) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative and critical | |
| BLE 220: Foundations of Structured English Immersion | 3 | | | Grade of C | content area course GPA <u>required</u> Must complete at least 56 credits to progress | |
| | | | | | into PTPP. | |
| | | | | | MILESTONE: Attend PTPP Enrollment Workshop | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | | |
| POS 311: Arizona Constitution OR POS 417: The Arizona Political System (SB) | 2-3 | | | Grade of C | Must possess valid DPS fingerprint clearance card to participate in field experience. | |
| TEL 311: Instruction and Management in the Inclusive Classroom (C) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | \boxtimes | | Grade of C | 1 | |
| TEL 314 Classroom Assessment | 3 | | | Grade of C | 1 | |
| TEL 315: Child and Adolescent Development (L or SB) | 3 | | | Grade of C | - | |
| TEL 396: Field Experience I | 1 | | | Grade of Y | 1 | |
| TERM SIX: 76-90 CREDIT HOURS | • | | | Grade of 1 | | |
| Upper-division POS elective | 3 | \boxtimes | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| BLE 407: SEI for Secondary Students | 3 | | | Grade of C |] | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | | | Grade of C | 4 | |
| RDG 323: Literacy Processes in Content Areas SED 480: Special Methods of Teaching Social Studies | 3 | | | Grade of C Grade of C | - | |
| SED 397: Field Experience II | 1 | | | Grade of Y | 1 | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | | |
| Upper-division POS elective: | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| Related Area (AFR, AFH, AFS, ASB, ASM, CCS, CSH, CSS, ECN, GCU, GPH, HST, PGS, PSY, SOC, WSH, WST) | 3 | | | Grade of C | | |
| SED 321: Critical Issues in Secondary Education (L) | 3 | ⊠ | | Grade of C | | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | | - | Grade of C | | |
| HST 480: Methods of Teaching History: Classroom Resources OR HST 481: Methods of Teaching History: Community Resources | 3 | | | Grade of C | | |
| SED 496: Field Experience III | 1 | \boxtimes | | Grade of Y | <u> </u> | |
| TERM EIGHT: 106-120 CREDIT HOURS SED 478: Student Teaching in Secondary Schools | 8-12 | N7 | | Crade of W | Minimum 2 50 ASIJ cumulative GPA | |
| SELECTION SUBJECT LEACHING IN SECONDARY SCHOOLS | 0-17 | | i | T CHARLE OF T | - with the A to A SU climinative CPA | |



Major Map: Secondary Education (Political Science) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total UD Hours (minimum 45) | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Community College Hrs (maximum 64) |
|------------------------------|--------------------------------|---|----------------------------------|--|---|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Sciences-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Sciences-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area, as some courses are not offered every semester.



Major Map: Secondary Education (Spanish) – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | Competed Transfer Pathway: | | Completed General Education: | |
|---|------|-------------------|----------------------------|----------------------------------|--|--|
| Course Subject and Title | I | Upper | Transfer | TAG □ATP □None Minimum Grade if | □AGEC □IGETC/CSUGE □None | |
| (courses in bold/shading are critical) | Hrs | Division | Course/Grade | Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. Not | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | required of transfer students • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition | |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | courses ASU Math Placement Exam score determines | |
| Natural Science – Quantitative or General (SQ/SG): | 4 | | | Grade of C | placement in mathematics course | |
| EDT 180 or EDT 321: Computer Literacy (CS): | 3 | | | | Minimum 2.50 ASU cumulative and critical content | |
| Elective: | 1 | | | | area course GPA recommended | |
| TERM TWO: 16-30 CREDIT HOURS ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR | 3 | | | Grade of C | Complete Mathematical Studies (MA) requirement Minimum 2.50 ASU cumulative and critical content | |
| ENG 105: Advanced First-Year Composition SPE 222: Orientation Education of the Exceptional Child (SB,C) | 3 | | | Grade of C | area course GPA recommended | |
| Awareness Area – Historical (H) | 3 | | | Grade of C | | |
| BLE 220: Foundations of Structured English Immersion | 3 | | | Grade of C | | |
| Natural Science – Quantitative (SQ): | 4 | | | Grade of C | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| SPA 325: Introduction to Hispanic Literature (HU) | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 | |
| SPA 412: Advanced Conversation and Composition (G) Upper-division SPA civilizations (list on page 2): | 3 | | | Grade of C Grade of C | Complete 3 SPA upper division specialization | |
| Upper-division SPA elective (list on page 2): | 3 | | | Grade of C | courses Minimum 2.50 ASU cumulative and critical content | |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory | 3 | | | Grade of C | area course GPA <u>required</u> MILESTONE: Submit Intent to Progress form | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | (online) | |
| SPA 400: Introduction to Spanish Linguistics | 3 | \boxtimes | | Grade of C | Complete both SQ/SG with a "C" or better. | |
| SPA 425: Spanish Literature (HU) | 3 | | | Grade of C | Complete BLE 220 with a "C" or better Complete CS | |
| Upper-division SPA literature (list on page 2): | 3 | | | Grade of C Grade of C | Minimum 2.50 ASU cumulative and critical content | |
| Upper-division SPA elective (list on page 2): SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory | 3 | | | Grade of C | area course GPA <u>required</u> Must complete at least 56 credits to progress into PTPP. MILESTONE: Attend PTPP Enrollment Worksho | |
| TERM FIVE: 61-75 CREDIT HOURS SPA 420: Applied Spanish Linguistics (L) | 3 | | | Grade of C | Must possess valid DPS fingerprint clearance card | |
| SLC 479: Introduction to Teaching Foreign Languages | 3 | | | Grade of C | to participate in field experience. | |
| TEL 311: Instruction and Management in the Inclusive Classroom (C) | 3 | ⊠ | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| TEL 313: Educational Technology in the K-12 Curriculum | 3 | | | Grade of C | | |
| TEL 314 Classroom Assessment | 3 | \boxtimes | | Grade of C | | |
| TEL 315: Child and Adolescent Development (L or SB) | 3 | \boxtimes | | Grade of C | | |
| SED 396: Field Experience I | 1 | \boxtimes | | Grade of Y | | |
| TERM SIX: 76-90 CREDIT HOURS | | · - | | | | |
| Upper-division SPA literature (list on page 2): | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| BLE 407: SEI for Secondary Students | 3 | ☒ | | Grade of C | | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | ⊠ | | Grade of C | | |
| RDG 323: Literacy Processes in Content Areas | 3 | ☒ | | Grade of C | | |
| SLC 480: Methods of Teaching Foreign Languages | 3 | ⊠ | | Grade of C | | |
| SED 397: Field Experience II | 1 | \boxtimes | | Grade of Y | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | 1 | |
| Upper-division SPA literature (list on page 2): | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| SLC 498: Interdisciplinary Capstone Seminar Upper-division SPA civilizations (list on page 2): | 3 | | | Grade of C Grade of C | | |
| SED 321: Critical Issues in SED (L) | 3 | | | Grade of C | | |
| SED 322: Classroom Leadership in Secondary Schools | 3 | | | Grade of C | | |
| SED 496: Field Experience III | 1 | | | Grade of Y | | |
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM EIGHT: 106-120 CREDIT HOURS | 0 12 | M | | Grada of V | Minimum 2 50 ASII australativa CDA | |
| SED 478: Student Teaching in Secondary Schools | 8-12 | \boxtimes | | Grade of Y | Minimum 2.50 ASU cumulative GPA | |



Major Map: Secondary Education (Spanish) – Bachelor of Arts in Education (B.A.E.)

Mary Lou Fulton Teachers College | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|---|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-sQuantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - Natural Sciences-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area as some courses are not offered every semester.

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.

SPA Elective - select two from the following

SPA 394: Special Topics

SPA 413: Advanced Spanish Grammar (G)

SPA 429: Mexican Literature

SPA 434: Drama of the Golden Age

SPA 435: Cervantes-Don Quijote

SPA 454: 19th Century Spanish American Narrative

SPA 456: 20th Century Spanish American Fiction

SPA 474: Mexican Culture

SPA 485: Mexican American Short Story (L)

SPA 486: Mexican American Novel

SPA 487: Mexican American Drama

SPA 494: Special Topics

POR 472: Luso-Brazilian Civilization (HU & G)

POR 494: Special Topics

SPA Civilizations - select <u>two</u> from the following:

SPA 471: Civilization of the Spanish Southwest ([L or HU] & C)

SPA 472: Spanish American Civilization (HU & H * G)

SPA 473: Spanish Civilization ([HU or SB] & G)

SPA Literature - select <u>three</u> from the following:

SPA 426: Spanish Literature (HU)

SPA 427: Spanish American Literature (L)

SPA 428: Spanish American Literature (L & G)

SPA 429: Mexican Literature



Major Map: Special Education – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| | | | | ansfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|-------|-------------------|--------------------------|------------------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes | |
| TERM ONE: 0-15 CREDIT HOURS | 1113 | Division | Course/Grade | William Grade ii Required | Additional Critical Tracking Potes | |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only. | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | |
| MAT 142: College Mathematics (MA) or higher | 3 | | | Grade of C | composition courses. ASU Math Placement Exam score determines | |
| HST 109: United States History to 1865 ([HU or SB] & H) OR HST 110: United States History Since 1865 (SB & H) | 3 | | | | placement in mathematics course. • Minimum 2.50 ASU GPA recommended. | |
| Elective (Recommend TEL 111: Exploration of Education) | 3 | | | | Recommend HST 109 103 for HU, H and covers U.S. constitution for certification requirement. | |
| TERM TWO: 16-30 CREDIT HOURS | | , | | | _ | |
| ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | Complete Mathematical Studies (MA) Complete SPE 222 Minimum 2.50 ASU GPA recommended | |
| Natural Sciences-Quantitative (SQ) or Natural Sciences-General (SG) | 4 | | | Grade of C | | |
| MTE 180: Mathematics for Elementary Teachers I | 3 | | | Grade of C | | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | | | Grade of C | | |
| Global Awareness area (G): | 3 | | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | _ | |
| MTE 181: Mathematics for Elementary Teachers II | 3 | | | Grade of C | Complete First-Year Composition requirement: ENG 101 and 102 OR ENG 107 and 108 or 105 | |
| EDT 180: Computer Literacy (CS) or EDT 321: Computer Literacy (CS) | 3 | | | Grade of C | Complete MTE 180 with a "C" or better | |
| Natural Sciences-Quantitative (SQ) OR Natural Sciences-General (SG) | 4 | | | Grade of C | Minimum 2.50 ASU cumulative and critical content area course GPA required | |
| Elective | 3 | | | | MILESTONE: Submit Intent to Progress form | |
| Social and Behavior Sciences (SB) | 3 | | | | (online) | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | | |
| TEL 212: Understanding the Culturally Diverse Child (C) | 3 | | | Grade of C | Complete both SQ and SG with a "C" or better Complete MTE 181 with a "C" or better | |
| Humanities, Fine Arts, and Design (HU) | 3 | | | 0.1.60 | Must complete BLE 220 and TEL 212 with a | |
| Elective Upper-division HU or SB | 3 | | | Grade of C Grade of C | grade of "C" or better | |
| BLE 220: Foundations of Structured English Immersion | 3 | | | Grade of C | Compete CS and HST 109 or110 Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete at least 56 credits to progress into PTPP. | |
| | | | | | MILESTONE: Attend PTPP Enrollment Workshop | |
| TERM FIVE: 61-75 CREDIT HOURS | , | | | | _ | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| TEL 313: Educational Technology in the K-12 Classroom | 3 | | | Grade of C | - | |
| TEL 314: Classroom Assessment | 3 | | | Grade of C | | |
| TEL 315: Childhood and Adolescent Development (L or SB) | 3 | | 1 | Grade of C | | |
| EED 433: Language Method Management and Assessment SPE 396: Field Experience I | 3 | | | Grade of C Grade of Y | | |
| TERM SIX: 76-90 CREDIT HOURS | I | | | Grade of 1 | | |
| RDG 322: Language and Literacy 1 in Elementary Schools | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA | |
| SPE 310: Professional Practices and Foundations in Special Education | 3 | | 1 | Grade of C | _ | |
| • | | | | | 1 | |
| SPE 317: Special Education for Culturally and Linguistically Diverse | 3 | \boxtimes | | Grade of C | | |
| Children and Youth | | | | | | |
| | 3 3 1 | | | Grade of C Grade of C Grade of Y | | |



Major Map: Special Education – Bachelor of Arts in Education (B.A.E.) Mary Lou Fulton Teachers College | Catalog Year: 2010–2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|-----|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| SPE 320: Assessment and Evaluation of Children with Special Needs (L) | 3 | | | Grade of C | Minimum 2.50 ASU cumulative GPA |
| SPE 424: Methods of Cross-Categorical Special Education | 3 | \boxtimes | | Grade of C | |
| SPE 431: Collaborative Teaching Models for General Education Classroom Environments | 3 | | | Grade of C | |
| EED 412: Mathematics in Elementary Schools | 3 | \boxtimes | | Grade of C | |
| SPE 496: Field Experience III | 1 | | | Grade of Y | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| SPE 478: Student Training in Special Education | 8 | \boxtimes | | Grade of Y | Minimum 2.50 ASU cumulative GPA |
| EED 478: Student Teaching in Elementary Education | 8 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA (2.50 minimum required by major) | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|---|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L) (6 credit hours)
 - o Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - O Humanities, Fine Arts, and Design (HU) (6–9 credit hours)
 - Social and Behavioral Sciences (SB) (6–9 credit hours)
 - o Natural Sciences-Quantitative (SQ) (4-8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Sciences-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - O Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:



Major Map: Applied Biological Sciences – Bachelor of Science (B.S.) College of Technology and Innovation | Catalog Year: 2010-2011

| Control Private Control Cont | | | | Competed Transfe | | Completed General Education: □AGEC □IGETC/CSUGE □None | |
|--|--|------|-------------|------------------|------------------|--|--|
| ASS 11 Ol s for ASS 11 February indices only, once your prints from the Physic (N) ON Control of Section 12 (1) on the Physical of Section 12 (1) on the Physical of Section 12 (1) on the Physical of Section 12 (1) on the Physical of Section 12 (1) on the Physical of Section 12 (1) on the Physical of Section 12 (1) on the Physical of Section 12 (1) on | | Hrs. | | Transfer | Minimum Grade if | | |
| Provided the Physics of Control Physics (1) (Contro | | ļ | DIV. | Course/Grade | Required | | |
| PINY 114 113.6 PINY 112 A 114 Gen. Physics 1 & Hit Jahs (SQ) Complete one current (SC) (SC) (SC) (SC) (SC) (SC) (SC) (SC) | choose one Physics course combination below: | | | | | | |
| Complete are course from: Control of Con | | 4 | _ | | Grade of C | | |
| MAIN 10 The API Experiment 1 | | 7 | | | Grade of C | determines placement into first-year | |
| ASJ 101 The ASJ Experience | | 4 | _ | | Grada of C | | |
| ENG 101 and 102. First-Year Composition or ENG 107 and 108. First-Year Composition 3 | | | | | Grade of C | | |
| Section First-Year Composition Section First-Year Composition | - | - | | | | _ | |
| Social & Belavisoni Secres (SB) ADD Cultural Diversity in the US (C). Secretary Contract of C Contract | | , | | | 0 1 60 | | |
| Section Sect | Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C) | | | | Grade of C | | |
| Complete remaining course from: | Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| BIO 187 Central Biology II (SC) CIM 115 Central Chemistry (19C) 4 | | 1 | ĺ | | | | |
| Biol Biol Signeral Biology II (180) | | | | | | | |
| Decided Deci | | | | | | | |
| Fixed Description Freeign Students or State Grade of C | * * * | 4 | | | Grade of C | | |
| Excit 10% Advanced First Fyear Composition 3 | | | | | | | |
| TREM TIRES: 3-15 CREDIT HOURS | ENG 105: Advanced First-Year Composition | 3 | | | Grade of C | | |
| See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure ABS Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure ABS Sure advisor for a list of courses that fulfill the Approved Elective in ABS & Science See Sure ABS Sure advisor for a list of courses that fulfill the Approve | | 4 | | | Grade of C | | |
| ABS 389: Applied Statistics (CS) | | | | | | | |
| CHM 116. General Chemistry II (SQ) | | 3 | П | | Grade of C | | |
| Elective 3 | • • | | | | Grade of C | | |
| Elective 3 | MAT 210: Brief Calculus (MA) | 3 | | | Grade of C | | |
| Section Sect | Literacy & Critical Inquiry (L) | 3 | | | | | |
| ABS 270; Sustainable Biological Systems 3 | Elective | 3 | | | | | |
| Approved Elective in ABS & Science Approved Elective in ABS & Science S | | | | | 1 | | |
| Approved Elective in ABS & Science Approved Elective in ABS & Science C.C., Global Awareness (G) or Historical Awareness (H) | | | | | | | |
| C.C., Global Awareness (G) or Historical Awareness (H) | ** | | Ш | | Grade of C | • • • | |
| Global Awareness (G) or Historical Awareness (H) Bloda General Genetics 4 | | 3 | | | | | |
| Clobal Awareness (H) | | 3 | П | | | | |
| BIO 340: General Genetics | | | | | | | |
| BIO 340: General Genetics ABS 355: Vertebrate Zoology ABS 370: Ecology Choose one Organic Chemistry course combination below: CHM 231 & 235: Elementary Organic Chemistry with Lab (SQ) OR CHM 231 & 235: Elementary Organic Chemistry with Lab (SQ) OR CHM 232 & 235: Elementary Organic Chemistry with Lab or if CHM 231 CHM 234 & 238: General Organic Chemistry I & II with Labs (SQ) CHM 234 & 238: General Organic Chemistry I & II with Labs (SQ) CHM 234 & 238: General Organic Chemistry I & II with Labs (SQ) CHM 234 & 238: General Organic CHM 234 & 238: Ge | | 5 | | | | | |
| ABS 355:Vertebrate Zoology ABS 370: Ecology ABS 370: Ecology ABS 370: Ecology Grade of C Grade of C ABS 370: Ecology CHM 231 & 235: Elementary Organic Chemistry with Lab (SQ) OR CHM 231 & 235: Elementary Organic Chemistry with Lab (SQ) OR CHM 233 & 237, and CHM 234 & 238: General Organic CHM 234 & 238: General Organic Chemistry II with Lab or if CHM 231 & 1 with Labs (SQ) EENT SIX: 76-90 CREDIT HOURS CHM 234 & 238: General Organic Chemistry II with Lab or if CHM 231 & 2 with Completed, take Elective ABS 300: Ethical & Policy Issues in Biology Approved upper division elective in ABS & Science 1 with Elective 1 with Elective 1 with Elective in ABS & Science 1 with Elective in ABS & Science 2 with Elective in Elective in ABS & Science 3 with Elective in Elec | | 4 | × | | Grade of C | BIO370 is an approved equivalent course for | |
| ABS 370: Ecology Chose one Organic Chemistry course combination below: CHM 231 & 235: Elementary Organic Chemistry with Lab (SQ) OR CHM 231 & 236: General Organic Chemistry With Lab (SQ) OR CHM 231 & 236: General Organic Chemistry With Lab or if CHM 231 **ENH SIN: 76-90 CREDIT HOURS **CHM 234 & 236: General Organic Chemistry II with Lab or if CHM 231 **ENH 234 & 236: General Organic Chemistry II with Lab or if CHM 231 **ENH 234 & 236: General Organic Chemistry II with Lab or if CHM 231 **ENH 234 & 236: General Organic Chemistry II with Lab or if CHM 231 **ENH 234 & 236: General Organic Chemistry II with Lab or if CHM 231 **ENH 234 & 236: General Organic Chemistry II with Lab or if CHM 231 **ENH 234 & 236: General Organic Chemistry II with Lab or if CHM 231 **ENH 234 & 236: General Organic Chemistry II with Lab or if CHM 231 **ENH 234 & 236: General Organic Chemistry II with Lab or if CHM 231 **ENH 236: Grade of C **Upper division elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science **See your advisor for a list of course that fulfill the Approved Elective in ABS & Science **See your advisor for a list | ABS 355:Vertebrate Zoology | 3 | | | Grade of C | | |
| CHM 231 & 235: Elementary Organic Chemistry with Lab (SQ) OR CHM 233 & 237, and CHM 234 & 238: General Organic Chemistry I & II with Labs (SQ) FERM SIX: 76-90 CREDIT HOURS CHM 234 & 238: General Organic Chemistry II with Lab or if CHM 231 & 235 completed, take Elective ABS 302: Ethical & Policy Issues in Biology 2 | ABS 370: Ecology | 3 | \boxtimes | | Grade of C | | |
| CHM 233 & 237, and CHM 234 & 238: General Organic Chemistry I & III with Labs (SQ) TERM SIX: 76-90 CREDIT HOURS CHM 234 & 238: General Organic Chemistry II with Lab or if CHM 231 ABS 302: Ethical & Policy Issues in Biology 2 | | | | | | | |
| TERM SIX: 76-90 CREDIT HOURS CHM 234 & 238: General Organic Chemistry II with Lab or if CHM 231 | | | | | | | |
| CHM 234 & 238: General Organic Chemistry II with Lab or if CHM 231 | | 4 | | | Grade of C | | |
| ## ABS 302: Ethical & Policy Issues in Biology ABS 302: Ethical & Policy Issues in Biology Approved upper division elective in ABS & Science 1 | | | | | ı | • Commented to the form that folding | |
| ABS 302: Ethical & Policy Issues in Biology Approved upper division elective in ABS & Science 3 | | 4 | | | Grade of C | | |
| Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Sciences (SB) Elective 5 | | 2 | \boxtimes | | Grade of C | section. | |
| Social & Behavioral Sciences (SB) 3 | ** | 3 | \boxtimes | | Grade of C | | |
| Elective 5 | | 3 | | | | | |
| Approved upper division Elective in ABS & Science Approved upper division Elective in ABS & Science Humanities, Fine Arts & Design (HU) Upper Division Literacy & Critical Inquiry (L) Upper division elective 3 | | 5 | | | | | |
| Humanities, Fine Arts & Design (HU) Upper Division Literacy & Critical Inquiry (L) Upper division elective 3 | | J | | | | | |
| Upper Division Literacy & Critical Inquiry (L) Upper division elective 3 | Approved upper division Elective in ABS & Science | 3 | \boxtimes | | Grade of C | | |
| Upper Division Literacy & Critical Inquiry (L) Upper division elective 3 | Humanities, Fine Arts & Design (HU) | 3 | | | | 11 | |
| Upper division elective TERM EIGHT: 106-120 CREDIT HOURS ABS 490: Applied Biological Sciences Seminar Complete 1 course from: ABS 3 □ Grade of C * See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science section. * See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science section. * Grade of C Approved Elective in ABS & Science 3 □ Grade of C Upper division elective 3 □ Grade of C | Upper Division Literacy & Critical Inquiry (L) | 3 | | | | section. | |
| TERM EIGHT: 106-120 CREDIT HOURS ABS 490: Applied Biological Sciences Seminar Complete 1 course from: ABS 491: Applied Cellular Biology or ABS 498: ST: Applied Plant Physiology or BIO 360: Animal Physiology Approved Elective in ABS & Science Tupper division elective ABS 490: Applied Plant Physiology ABS 498: ST: Applied Plant Physiology Approved Elective in ABS & Science Tupper division elective ABS 490: Applied Biological Sciences Seminar ABS 490: Applied Biological Science See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science section. | ** | | | | | | |
| ABS 490: Applied Biological Sciences Seminar Complete 1 course from: ABS 311: Applied Cellular Biology or ABS 498: ST: Applied Plant Physiology or BIO 360: Animal Physiology Approved Elective in ABS & Science Tuper division elective Grade of C Grade of C See your advisor for a list of courses that fulfill the Approved Elective in ABS & Science section. Grade of C Grade of C Grade of C Grade of C Grade of C | ** | 3 | | | | | |
| Complete 1 course from: ABS 311: Applied Cellular Biology or ABS 498: ST: Applied Plant Physiology or BIO 360: Animal Physiology Approved Elective in ABS & Science 3 \(\triangle \trian | | 1 | 5 2 | | Contact C | See your advisor for a list of courses that 6.1511 | |
| ABS 31: Applied Cellular Biology or ABS 498: ST: Applied Cellular Biology or BIO 360: Animal Physiology Approved Elective in ABS & Science Upper division elective 3 | | 1 | | | Grade of C | | |
| BIO 360: Animal Physiology 3 S Grade of C Approved Elective in ABS & Science 3 S Grade of C Upper division elective 3 S | | | | | | | |
| Approved Elective in ABS & Science 3 \(\square\) Grade of C Upper division elective 3 \(\square\) | | , | | | Crada - CC | | |
| Upper division elective 3 🖂 | 33 | | | | | | |
| | | | | | 51440 01 0 | | |
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Major Map: Applied Biological Sciences -

Bachelor of Science (B.S.)

College of Technology and Innovation | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|----------------------------------|-------------------------|----------------------------------|--|--|
| | | | · | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - Mathematical Studies (MA) (3 credit hours)
 - o Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - o Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
 - o Social and Behavioral Sciences (SB) (6-9 credit hours)
 - o Natural Science-Quantitative (SQ) (4 8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - o Natural Science-General (SG) (0-4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C) (3 credit hours) (may be combined with other general studies requirements.)
 - o Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - o Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 & 102 OR ENG 107 & 108 or ENG 105)

Additional Notes:

Updated: 5/19/10



Major Map: Applied Biological Sciences (Urban Horticulture) – Bachelor of Science (B.S.) College of Technology and Innovation | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|--------------|------------------------------------|---|
| Course Subject and Title | Hrs. | Upper | Transfer | Minimum Grade if Required | Additional Critical Requirement Notes |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | | Division | Course/Grade | | ^ |
| ASU 101: The ASU Experience | 1 | | | Grade of C | ASU 101 is for ASU freshman students only |
| Complete one course from: BIO 187: General Biology I (SG) or | | _ | | | Not required of transfer students |
| BIO 188: General Biology II (SQ) ENG 101 or 102: First-Year Composition or | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ENG 101 of 102. First-Year Composition of ENG 105: Advanced First-Year Composition or | | | | | composition courses |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | ASU Math Placement Exam score determines placement in Mathematics course |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | paterness in management of |
| Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), | 3 | | | | |
| Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS Complete remaining course from: BIO 187: General Biology I (SG) or | | | | | |
| BIO 188: General Biology II (SQ) | 4 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition or | | | | | |
| ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| CHM 113: General Chemistry I (SQ) | 4 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US | 3 | | | | |
| (C), Global Awareness (G) or Historical Awareness (H) TERM THREE: 31-45 CREDIT HOURS | J | | | | |
| ABS 260: Fundamentals of Urban Horticulture | 4 | | | Grade of C | Completed First-Year Composition |
| ABS 225: Soils | 3 | | | Grade of C | Requirement (ENG 101/107 and ENG 102/108 |
| ABS 226: Soils Lab | 1 | | | Grade of C | or ENG 105) |
| Social & Behavioral Science (SB) | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| ABS 270: Sustainable Biological Systems | 3 | | | Grade of C | |
| ABS 362: Landscape Plants and Design | 4 | | | Grade of C | |
| CHM 231: Elementary Organic Chemistry | 3 | | | Grade of C | |
| MAT 210: Brief Calculus (MA) | 3 | | | | |
| Elective | 3 | \boxtimes | | | |
| TERM FIVE: 61-75 CREDIT HOURS BIO 340: General Genetics | 4 | | | Contact C | Minimum 2.0 Cumulative GPA required. |
| ABS 363: Landscape and Turf Irrigation | 4 | | | Grade of C Grade of C | William 2.0 Cumulative Of A required. |
| ABS 364: Urban Forestry | 3 | | | Grade of C | |
| Elective | 3 | | | Grade of C | |
| Elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| Complete 1 course from: | | | | | See advisor for list of courses that fulfill |
| BIO 360: Animal Physiology or ABS 498: Applied Plant Physiology or | | | | | Approved Elective in ABS & Science |
| ABS 311:Applied Cellular Biology | 3 | \boxtimes | | Grade of C | |
| Approved Upper Division ABS & Science | 3 | | | Grade of C | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS ABS 302: Ethical and Policy Issues in Biology | 2 | | | Grade of C | |
| ABS 350: Applied Statistics (CS) | 3 | | | Grade of C | |
| ABS 462: Greenhouse/ Nursery Management (4) or | | | | | |
| ABS 463: Golf & Sports Turf Management (3) | 3/4 | | | Grade of C | |
| PGM 466: Integrated Pest Control or PLB 414: Plant Pathology (L) | 3 | \boxtimes | | Grade of C | |
| Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| Complete 1 course from: | | | | | See advisor for list of courses that fulfill |
| ABS 465: Senior Enterprise Project (2) or ABS 484: Internship or | 2 or | | | | Approved Elective in ABS & Science |
| ABS 492: Honors Directed Study (Honors students only) | 3 | \boxtimes | | Grade of C | |
| Approved Upper Division ABS & Science | 3 | ⊠ | | Grade of C | |
| Upper Division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | \boxtimes | | | |
| Upper division Literacy & Critical Inquiry (L) or if PLB 414 completed, | 2 | | 1 | | |
| take elective | 3 | | | | |
| Elective | 3 | | | | |
| Elective | 2 | I □ | Ĭ. | ĺ | I |



Major Map: Applied Biological Sciences (Urban Horticulture) - Bachelor of Science (B.S.) College of Technology and Innovation | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|----------------------------------|-------------------------|----------------------------------|--|--|
| | , | , | , | , | <u> </u> | • |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0

 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:



Major Map: Applied Biological Sciences (Wildlife and Restoration Ecology) –

Bachelor of Science (B.S.)
College of Technology and Innovation | Catalog Year: 2010-2011

| | | | Competed Tra | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|--------------|------------------|--|
| Course Subject and Title | Hrs. | Upper | Transfer | Minimum Grade if | Additional Critical Requirement Notes |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | | Division | Course/Grade | Required | |
| Complete one course from: | | | | | ASU 101 is for ASU freshman students only |
| BIO 187: General Biology I (SG) or | | _ | | | Not required of transfer students |
| BIO 188: General Biology II (SQ) | 4 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| ASU 101: The ASU Experience ENG 101 or 102: First-Year Composition or | 1 | | | | composition courses |
| ENG 101 of 102. First-Year Composition of ENG 105: Advanced First-Year Composition or | | | | | ASU Math Placement Exam score determines |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | placement in Mathematics course |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | _ |
| Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete remaining course from: | | | | | |
| BIO 187: General Biology I (SG) or BIO 188: General Biology II (SQ) | 4 | | | Grade of C | |
| ENG 101 or 102: First-Year Composition or | | | | | |
| ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| CHM 113: General Chemistry I (SQ) | 4 | | | Stude of C | 1 |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the | 3 | | | | 1 |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | 6 1 66 | |
| ABS 274: Introduction to Wildlife Management | 4 | | | Grade of C | Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105) |
| CHM 231: Elementary Organic Chemistry | 3 | | | Grade of C | (ENG 101/107 and ENG 102/108 of ENG 103) |
| MAT 210: Brief Calculus (MA) | 3 | | | | |
| Literacy & Critical Inquiry (L) | 3 | | | | |
| Elective | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | 2 | | | 0 1 60 | See advisor for list of courses that fulfill |
| ABS 270: Sustainable Biological Systems | 3 | | | Grade of C | Approved elective in ABS & Science |
| ABS 207: Applied Plant Taxonomy Social & Behavioral Sciences (SB) AND Cultural Diversity in the US | 3 | | | Grade of C | 4 '' |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| Approved elective in ABS & Science | 3 | | | Grade of C | |
| Approved elective in ABS & Science | 3 | | | Grade of C | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| ABS 302: Ethical & Policy Issues in Biology | 2 | \boxtimes | | Grade of C | |
| ABS 370: Ecology | 3 | \boxtimes | | Grade of C | |
| ABS 381: Natural Resources Policy | 3 | \boxtimes | | Grade of C | |
| ABS 485: GIS in Natural Resources | 3 | \boxtimes | | Grade of C | |
| BIO 340: General Genetics | 4 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS | , | | | | |
| ABS 402: Vegetation and Wildlife Measurement | 3 | | | Grade of C | See advisor for list of courses that fulfill Approved elective in ABS & Science |
| Wildlife and Restoration Ecology Group course | 4 | | | Grade of C | Approved elective in ABS & Science |
| Upper division Wildlife or Restoration Ecology Group course | 3 | | | Grade of C | |
| Approved elective in ABS & Science | 3 | | | Grade of C | |
| Upper Division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) | 3 | \boxtimes | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| ABS 350: Applied Statistics (CS) | 3 | | | Grade of C | |
| ABS 440: Ecological Restoration Techniques | 3 | | | Grade of C | |
| Upper division Wildlife or Restoration Ecology Group Course | 3 | | | Grade of C | |
| Approved elective in ABS & Science | 3 | | | Grade of C | |
| Complete 1 course from: | | | | | |
| ABS 311: Applied Cellular Biology or ABS 498: ST: Applied Plant Physiology or | | | | | |
| BIO 360: Animal Physiology | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | · | |
| ABS 480: Ecosystem Management and Planning (L) | 3 | \boxtimes | | Grade of C | |
| ABS 490: Applied Biological Sciences Seminar | 1 | \boxtimes | | Grade of C | |
| Upper division Wildlife Restoration Ecology Group course | 4 | | | Grade of C | |
| Approved upper division elective in ABS & Science | 3 | | | Grade of C | |
| | | | 1 | i . | 1 |



Major Map: Applied Biological Sciences (Wildlife and Restoration Ecology) -

Bachelor of Science (B.S.)

College of Technology and Innovation | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs (minimum 45) | Cumulative GPA (2.00 minimum) | Major GPA (2.0 minimum) | Total Hrs at ASU (minimum 30) | Resident Credit for Academic Recognition (minimum 56) | Total Comm. College Hrs. (maximum 64) |
|-------------------|------------------------------|-------------------------------|-------------------------|----------------------------------|--|--|
| | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - 0 Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - 0 Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Choose one of the following course groupings:

Restoration Course Group includes:

ABS 225 Soils SQ (3)

ABS 226 Soils Laboratory SO (1)

ABS 433 Riparian and Wetland Ecology (3)

ABS 441 Ecological Restoration Practicum (1)

ABS 482 Ecology and Planning for Restoration (3)

ABS 483 Restoration Planning Practicum (2)

--- or ---

Wildlife Course Group includes:

ABS 355 Vertebrate Zoology (4)

ABS 376 Wildlife Ecology (3)

ABS 475 Habitat Management for Small Wildlife (4)

ABS 476 Big Game Habitat Management (3)



Major Map: Applied Computer Science – Bachelor of Science (B.S.) College of Technology and Innovation | Catalog Year: 2010-2011

| | | | | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------------|-------------------|--------------------------|------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1115. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. |
| Complete 3 courses from: MA course: (MAT 265: Calculus for Engineers I *) MAT 266: Calculus for Engineers II CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) | 3 | | | Grade of C | Not required for transfer students. An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses *Mathematical Studies (MA) designation approval pending |
| CST 200& 201: Object-Oriented Software Development II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures PHY 111/113: General Physics/Laboratory (SQ) or CHM 113: | 3 | | | Grade of C | Complete at least 2 critical courses each with a minimum grade of C. Suggested courses for term 1: APM 270; CST 100, CST 150 |
| General Chemistry I (SQ) CST 230: Applied Data Structures | 3 or 3/1 | | | Grade of C | Students must complete either a Physics (PHY 111/113 & 112/14) OR Chemistry (113 and 115) |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Minimum cumulative 2.5 GPA required for all critical (bold/shaded) courses Minimum cumulative 2.0 GPA required |
| Humanities, Fine Arts & Design (HU) | 3 | | | | Minimum cumulative 2.0 Of A required |
| TERM TWO: 16-30 CREDIT HOURS Complete 2 additional courses from: MA course: (MAT 265: Calculus for Engineers I *) MAT 266: Calculus for Engineers II CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) CST 200& 201: Object-Oriented Software Development II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures PHY 111/113: General Physics/Laboratory (SQ) or CHM 113: General Chemistry I (SQ) | 3 3 or | | | Grade of C | Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 2: APM 271; CST 200 & 201 Students must complete either a Physics (PHY 111/113 & 112/14) OR Chemistry (113 and 115) sequence Minimum cumulative 2.5 GPA required for all critical (bold/shaded) courses Minimum cumulative 2.0 GPA required |
| CST 230: Applied Data Structures | 3/1 | | | Grade of C | |
| CST 250/251: Microcomputer Architecture & Programming/Lab | 3/1 | | | | |
| ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition | 3 | | | Minimum grade of C required | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete 2 additional courses from: MA course: (MAT 265: Calculus for Engineers I *) MAT 266: Calculus for Engineers II CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) CST 200& 201: Object-Oriented Software Development II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures PHY 111/113: General Physics/Laboratory (SQ) or CHM 113: General Chemistry I (SQ) | 3 or | | | Grade of C | First-year composition requirement must be completed by end of term 3 Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 3: MAT 243; PHY 111 & 113 or CHM 113 Students must complete either a Physics (PHY 111/113 & 112/14) OR Chemistry (113 and 115) sequence Minimum cumulative 2.5 GPA required for all |
| CST 230: Applied Data Structures | 3/1 | | | Grade of C | critical (bold/shaded) courses |
| APM 294: Mathematics of Change III CST 220: Programming Languages for Technology with C/C++ & | 3 | | | | Minimum cumulative 2.0 GPA required |
| Scripting Scripting | 3 | | | | |
| CST 386: Operating Systems Principles | 3 | \boxtimes | | | |
| TERM FOUR: 46-60 CREDIT HOURS | | | | | |
| Complete remaining courses from: MA course: (MAT 265: Calculus for Engineers I *) MAT 266: Calculus for Engineers II CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) CST 200& 201: Object-Oriented Software Development II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures PHY 111/113: General Physics/Laboratory (SQ) or CHM 113: General Chemistry I (SQ) CST 230: Applied Data Structures | 3 or 3/1 | | | Grade of C Grade of C | Complete remaining critical courses each with a minimum grade of C. Suggested courses for term 4: CST 230 Students must complete either a Physics (PHY 111/113 & 112/14) OR Chemistry (113 and 115) sequence Minimum cumulative 2.5 GPA required for all critical (bold/shaded) courses Minimum cumulative 2.0 GPA required |
| CST 250: Applied Data Structures CST 359: Internet Networking Protocol | 3 | | | Grade of C | 1 |
| Choose 1 from: PHY 112: General Physics AND PHY 114: General Physics Lab OR CHM 115: General Chemistry with Qualitative Analysis (SQ) | 3/1 or 4 | | | | |
| ECN 211: Macroeconomic Principles (SB) Social & Behavioral Science (SB) AND Cultural Awareness in the US | 3 | | | | - |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |



Major Map: Applied Computer Science -**Bachelor of Science (B.S.)**

College of Technology and Innovation | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|-------|-------------------|--------------------------|------------------------------|---|
| TERM FIVE: 61-75 CREDIT HOURS | 1110. | Bivision | Course Grade | required | raditional Critical recomment votes |
| APM 301: Introductory Statistics (CS) | 3 | ⊠ | | | |
| CST 315: Software Enterprise I: Tools & Process | 3 | | | | 7 |
| CST 420: Foundations of Distributed Web-based Applications in Java | 3 | ⊠ | | | |
| CST 433: Database Technology | 3 | | | | |
| Technical elective | 3 | | | | |
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| CST 316: Software Enterprise II: Construction & Transition | 3 | | | | |
| CST 335: Applications of Computer Theory | 3 | ⊠ | | | |
| CST 400-level course | 3 | ⊠ | | | |
| Literacy and Critical Inquiry (L) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| CST 415: Software Enterprise III: Inception & Elaboration (L) | 3 | \boxtimes | | | |
| CST 496: Ethics and Professionalism in Computing | 1 | \boxtimes | | | |
| CST 400-level course | 3 | | | | |
| Technical elective | 3 | | | | |
| Lab Science | 4 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| CST 416: Software Enterprise IV: Project & Process Management | | | | | **Literacy (L) designation approval pending |
| (L)** or TWC 400: Technical Communications (L) | 3 | \boxtimes | | | |
| CST 400-level course | 3 | ⊠ | | | 7 |
| CST 400-level course | 3 | ⊠ | | | 7 |
| Technical Elective | 3 | n | | | 7 |
| Upper division Humanities (HU) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H) OR Upper division Social Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical | - | | | | |
| Awareness (H) | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|------------------------------|--|
| | | , | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - 0 Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB)
 - 0 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
 - General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Applied Psychology – Bachelor of Science (B.S.) College of Technology and Innovation | Catalog Year: 2010-2011

| | | | □ MAPP □TAG □ATP □None | | □AGEC □IGETC/CSUGE □None | |
|---|--------|-------------------|--------------------------|------------------------------|---|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes | |
| TERM ONE: 0-15 CREDIT HOURS | | Division | Course/Grade | Required | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only | |
| Complete 1 course from: | | | | | Not required of transfer students | |
| PGS 101: Introduction to Psychology (SB) | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year | |
| PSY 230: Introduction to Statistics (CS) PSY 290: Research Methods (L or SG) | 3 | | | Grade of C | composition courses | |
| ENG 101 or 102: First-Year Composition OR | | | | | ASU Math Placement Exam score determines Placement in mathematics accurate | |
| ENG 105: Advanced First-Year Composition OR | 2 | | | 0 1 60 | placement in mathematics course Minimum grade of "C" required in all PGS and | |
| ENG 107 or 108: English for Foreign Students Humanities, Fine Arts, and Design (HU) AND Cultural Diversity in | 3 | | | Grade of C | PSY courses | |
| the U.S. (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| Elective | 3 | | | | | |
| Elective | 3 | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | | |
| MAT 119: Finite Mathematics (MA) | 3 | | | Grade of C | Minimum grade of "C" required in all PGS and BSV accuracy | |
| ENG 101 or 102: First-Year Composition OR | | | | | PSY courses | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | | |
| BIO 100: The Living World (SQ) OR | 4 or 3 | | | | 1 | |
| Elective | 4 01 3 | | | | | |
| Humanities, Fine Arts, and Design (HU) AND Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | | |
| Elective | 3 | | | | 1 | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | | |
| Complete 1 additional course from: | | | | | Minimum grade of "C" required in all PGS and | |
| PGS 101: Introduction to Psychology (SB) | | | | | PSY courses | |
| PSY 230: Introduction to Statistics (CS) PSY 290: Research Methods (L or SG) | 3 | | | Grade of C | First-year composition requirement completed | |
| Choose one Related Area BIO course from: | 3 | | | Grade of C | 1 | |
| BIO 100: The Living World (SQ) (if not already completed) | | | | | | |
| BIO 181 General Biology I (formerly BIO 188) (SQ) OR BIO 182 General Biology II (formerly BIO 187) (SG) | | | | | | |
| BIO 201: Human Anatomy and Physiology I (SG) | | | | | | |
| BIO 202: Human Anatomy and Physiology II OR | | | | | | |
| Choose one Related Area MAT course from: MAT 210: Brief Calculus (MA) | | | | | | |
| MAT 251: Calculus for Life Sciences (MA) | | | | | | |
| MAT 270: Calculus with Analytic Geometry I (MA) | | | | | | |
| MAT 271: Calculus with Analytic Geometry II (MA) | | | | | | |
| MAT 274: Elementary Differential Equations (MA) MAT 275: Modern Differential Equations (MA) | 4 or 3 | | | Grade of C | | |
| Upper-division Humanities, Fine Arts, and Design (HU) OR Social and | . 01 5 | | | Grade of C | 1 | |
| Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C), | 2 | | | | | |
| Global Awareness (G) or Historical Awareness (H) Elective | 3 | | | | - | |
| Elective | 3 | | | | - | |
| TERM FOUR: 46-60 CREDIT HOURS | 3 | | | | | |
| Complete remaining course from: | | | | | Minimum grade of "C" required in all PGS and | |
| PGS 101: Introduction to Psychology (SB) | | | | | PSY courses | |
| PSY 230: Introduction to Statistics (CS) | | | | 0 1 60 | | |
| PSY 290: Research Methods (L or SG) Choose one additional Related Area BIO course from: | 3 | | | Grade of C | - | |
| BIO 100: The Living World (SQ) (if not already completed) | | | | | | |
| BIO 187: General Biology I (SG) | | | | | | |
| BIO 188: General Biology II (SQ) BIO 193: The Natural of Biological Science (SQ) | | | | | | |
| BIO 201: Human Anatomy and Physiology I (SG) | | | | | | |
| BIO 202: Human Anatomy and Physiology II OR | | | | | | |
| Choose one additional Related Area MAT course from: MAT 210: Brief Calculus (MA) | | | | | | |
| MAT 251: Calculus for Life Sciences (MA) | | | | | | |
| MAT 270: Calculus with Analytic Geometry I (MA) | | | | | | |
| MAT 271: Calculus with Analytic Geometry II (MA) | | | | | | |
| MAT 274: Elementary Differential Equations (MA) MAT 275: Modern Differential Equations (MA) | 4 or 3 | | | Grade of C | | |
| Natural Science-Quantitative (SQ) (if BIO 100 not taken) OR | 4 or 3 | | | - | 1 | |
| Elective (If BIO 100 completed) | | | | | 4 | |
| Elective | 4 | | | 1 | | |



Major Map: Applied Psychology – Bachelor of Science (B.S.) College of Technology and Innovation | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| PSY 437: Human Factors (L) | 3 | | | Grade of C | Minimum grade of "C" required in all PGS and |
| Complete two of the following Core Courses: PSY 323: Sensation and Perception | 3 | | | Grade of C | PSY courses |
| PSY 324: Memory and Cognition PSY 330: Statistical Methods (CS) PGS 350: Social Psychology (SB) | 3 | ⊠ | | Grade of C | |
| Elective | 2 | | | | |
| Upper-division elective | 3 | | | | = |
| TERM SIX: 76-90 CREDIT HOURS | 3 | | | | |
| Complete remaining two Core Courses: | | | | | Minimum grade of "C" required in all PGS and |
| PSY 323: Sensation and Perception PSY 324: Memory and Cognition | 3 | | | Grade of C | PSY courses |
| PSY 330: Statistical Methods (CS) PGS 350: Social Psychology (SB) | 3 | | | Grade of C | |
| Elective OR | , | | | Grade of C | = |
| Complete one Related Area Course in computer science from: CIS 220: Programming Concepts for Accountancy Majors CSE 100: Principles of Programming with C++ (CS) CSE 110: Principles of Programming with Java (CS) CSE 120: Digital Design Fundamentals CSE 180: Computer Literacy (CS) CST 100: Object-Oriented Software Development I Or other acceptable area AMT, BIO, CIS, CSE, EXW, MGT, TWC | 3 | | | | |
| ENG 301: Writing for the Professions (L) or | 1 | | | | - |
| Upper-division TWC and (L) course | 3 | | | Grade of C | |
| Upper-division elective | 3 | | | | 3 |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| Complete 2 courses from: PGS 304: Effective Thinking (L) PGS 471: Psychological Testing | 3 | | | Grade of C | Minimum grade of "C" required in all PGS and PSY courses |
| PSY 320: Learning and Motivation PSY 325: Physiological Psychology PSY 360: Cognitive Science PSY 390: Experimental Psychology (L) PSY 438: Human-Computer Interaction PSY 439: Training and Skill Acquisition PSY 440: Industrial/Organizational Psychology PSY 448: Human Factors in Transportation PSY 449: Human Factors in Sports PSY 494: Special Topics | 3 | ⊠ | | Grade of C | |
| Elective OR if CS related area course not completed, Complete one Related Area Course in computer science from: CIS 220: Programming Concepts for Accountancy Majors CSE 100: Principles of Programming with C++ (CS) CSE 110: Principles of Programming with Java (CS) CSE 120: Digital Design Fundamentals CSE 180: Computer Literacy (CS) CST 100: Object-Oriented Software Development I Or other acceptable area AMT, BIO, CIS, CSE, EXW, MGT, TWC | 3 | | | Grade of C | |
| Upper-division elective | 3 | | | | |
| Upper-division elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS PSY 477: Applied Psychology Capstone Experience OR HON 493: Honors Thesis | 3 | | | Grade of C | Minimum grade of "C" required in all PGS and PSY courses |
| Complete 2 additional courses from: | | | | | |
| PGS 304: Effective Thinking (L) PGS 471: Psychological Testing PSY 320: Learning and Motivation PSY 325: Physiological Psychology PSY 360: Cognitive Science PSY 390: Experimental Psychology (L) PSY 438: Human-Computer Interaction PSY 439: Training and Skill Acquisition PSY 440: Industrial/Organizational Psychology PSY 448: Human Factors in Transportation PSY 449: Human Factors in Sports | 3 | | | Grade of C | |
| PSY 494: Special Topics | 3 | \boxtimes | | Grade of C | |
| Related Area Course in acceptable area (AMT, BIO, CIS, CSE, EXW, MGT, and TWC) | 3 | | | Grade of C | |
| Upper-division elective | 3 | | | <u> </u> | |



Major Map: Applied Psychology -**Bachelor of Science (B.S.)**

College of Technology and Innovation | Catalog Year: 2010-2011

Graduation Requirements Summary:

| Total Hours (120) | Total UD Hrs | Cumulative GPA | Major GPA (2.0 | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College | |
|-------------------|--------------|----------------|----------------|------------------|------------------------------|---------------------|--|
| | (minimum 45) | (2.00 minimum) | minimum) | (minimum 30) | Recognition (minimum 56) | Hrs. (maximum 64) | |
| | | | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



BAS- Applied Science (Emergency Management)

Bachelor of Applied Science Degree

| 2010-2011 Curriculum Check Sheet | | | | C | College of Technology and I | nnovatio |
|--|------------|----------|---------------|----------|---------------------------------|----------|
| Student Name | | | | ID. Num | ber | |
| A.A.S. Degree | | | | | A.S. Degree Granted | |
| A.A.S. Degree Granting Institution | | | | | alog Year <u>2010-201</u> | |
| | | | | | | |
| B.A.S. Academic Department Techno | | _ | | | | |
| Number of Upper Division Transfer Credits | | | | Expected | d Graduation Date | |
| Institution of Transfer Course Work (Upper D | Division O | nly) | | | | |
| General Studies Sequence (19 Hours) | ASU | Transfer | Transfer From | Grade | | |
| Numeracy - ASC 315 | 3 | Transici | Transier From | Grade | | |
| Science - ASC 325 | 4 | | | | BAS Degree | Credit |
| Literacy [L] ENG 301 | 3 | | | | Summary | Hours |
| Humanities [HU] REL 321 [H] [C] | 3 | | | | A.A.S. Degree Block Transfer | 60 |
| Social Science [SB] POS 310 | 3 | - | | | General Studies | - 00 |
| General Studies [HU or SB] REL 379 [G] | 3 | - | | | B.A.S. Area Core | |
| (Suggested courses are tinted) Sub Total | 19 Hrs | | | | Emergency Management | |
| (Suggested Courses are timed) Sub-Fotal | 171113 | • | | | Assignable Credits | |
| B.A.S. Area Core (15 Hours) | | | | | Total (120 Hours Minimum) | |
| DIAISI AICA COIC (15 IICAIS) | ASU | Transfer | Transfer From | Grade | Total (120 Hours William) | |
| TMC 346 Management Dynamics | 3 | Transfer | Transfer From | Craao | | |
| OMT 452 Ind. Human Resource Management | 3 | | | | | |
| TWC 400 Technical Communications [L] | 3 | | | | Advisor Comments | |
| STP 420: Introductory Applied Statistics (CS) | 3 | | | | Advisor comments | |
| GIT 335 Computer Systems Technology | 3 | | | | | |
| Sub Total | 15 Hrs | | | | | |
| Emergency Management (20 Hours) | | - | | | | |
| | ASU | Transfer | Transfer From | Grade | | |
| ETM 301 Environmental Management | 3 | | | | | |
| ETM 360 Introduction to Emergency Management | 3 | | | | | |
| ETM 362 Managing Natural & Technological Disasters | 3 | | | | | |
| ETM /FSM 363 Computer Applications in Emerg.Mgt. | 3 | | | | | |
| ETM 364 Toxicology & Biohazards for Emerg. Mgt. | 3 | | | | | |
| ETM/FSM 460 Incident Mgt Sys&Emerg Oper Center | 3 | | | | | |
| TMC 494 BAS Senior Project | 2 | | | | | |
| Sub Total | 20 Hrs | | | | | |
| | | | | | Total Upper Division Hou | rs |
| Assignable Credits (6 Hours) | | | | | | |
| | ASU | Transfer | Transfer From | Grade | Total ASU Resident Hours | · |
| ETM 461 Homeland Security | 3 | | | | | |
| ETM 468 Simulators and Exercising | 3 | | | | | |
| Sub Total | 6 Hrs. | | | - | | |
| Student Signature | Da | nte | | Dean | Signature | Date |
| Advisor/Chair Signature | | ate | | Universi | ity Signature | Date |
| AUVISUI/CITAII SIQITATUI E | υ | aic | | OHIVEISI | ty Jigi latul C | Date |



BAS- Applied Science (Graphic Information Technology)

Bachelor of Applied Science Degree

| 2010-20 | 011 Curric | ulum Che | eck Sheet | | | | С | ollege of Technology and | Innovation |
|---|-------------------------|-----------------|--|------------|----------|---------------|----------------|------------------------------|------------|
| Studen | t Name | | | | | | ID. Num | ber | |
| | | | | | | | | .S. Degree Granted | |
| | • | | | | | | | · · | |
| | • | • | stitution | | | | | alog Year <u>2010-20</u> | |
| | | • | nt <u>Techno</u> | | _ | | | | |
| | | | Transfer Credits | | | | Expected | d Graduation Date | |
| Institut | tion of Tra | nsfer Cou | rse Work (Upper [| Division O | nly) | | | | |
| Genera | al Studies | Sequen | ce (19 Hours) | ACII | T | T | Crada | | |
| Numaraa | y - ASC 315 | | | ASU 3 | Transfer | Transfer From | Grade | | |
| Science - | | | | 4 | | | | BAS Degree | Credit |
| | L] ENG 301 | or TWC 30 | D1 | 3 | | | + | Summary | Hours |
| | es [HU] REL | | | 3 | | | | A.A.S. Degree Block Transfer | 60 |
| Social Sci | | | | 3 | | | | General Studies | |
| | tudies [HU o | r SB] | | 3 | | | | B.A.S. Area Core | |
| (Sug | gested cours | es are tinte | d) Sub Total | 19 Hrs | | • | • | Graphic Information Tech. | |
| | _ | | | | | | | Assignable Credits | |
| B.A.S. | Area Core | e (15 Ho | urs) | | | | | Total (120 Hours Minimum) | |
| | | | | ASU | Transfer | Transfer From | Grade | | |
| TMC 346 | Management | t Dynamics | | 3 | | | | | |
| TMC 470 | Project Mana | agement | | 3 | | | | | |
| | Technical Co | | | 3 | | | | Advisor Comments | |
| | Introductory | | | 3 | | | | | |
| GIT 335 (| Computer Sys | stems Techr | | 3 | | | | | |
| | | | Sub Total | 15 Hrs | | | | | |
| Cua mbi | - T | ation To | -b | | | | | | |
| - | | | chnology (20 H visor to determine the | iours) | | | | | |
| Select 7 | | al area of emi | | ASU | Transfer | Transfer From | Grade | | |
| GIT 301 | GIT 303 | GIT 312 | | 3 | | | | | |
| GIT 313 | GIT 314 | GIT 333 | | 3 | | | | | |
| GIT 334 | GIT 337 | GIT 384 | | 3 | | | | | |
| GIT 411 | GIT 418 | | | 3 | | | ↓ | | |
| GIT 413 | GIT 414 | GIT 415 | GIT 417 | 3 | | | + | | |
| GIT 432 | GIT 435 | GIT 436 | GIT 437 | 3 | | | + | | |
| GIT 441 | GIT 450 | GIT 494 | OMT 445 | 2 | | | | | |
| | | | Sub Total | 20 Hrs | • | | | | |
| Accion | abla Crad | I:4a (C U | | | | | | Total Upper Division Hou | rs |
| Assign | able Cred | וונא (ס חנ | ours) | ASU | Transfer | Transfer From | Crado | Total ACII Docidant Hour | |
| CIT 2VV | AVV/ T l | in al Elevative | | 1 | Transfer | Transfer From | Grade | Total ASU Resident Hour | s |
| GIT 3XX or 4XX Technical Elective GIT 3XX or 4XX Technical Elective | | | 3 | | | + | | | |
| GII 3AA (| JI 4AA TECHI | licai Elective | Sub Total | 6 Hrs. | | | | | |
| | | | SUD TUTAL | υ ΠIS. | | | | | |
| | Stu | ıdent Signatuı | re | Da | ate | | Dean Signature | | Date |
| | Advis | or/Chair Signs | aturo | | uato. | | Universit | ty Signaturo | Data |
| | Advisor/Chair Signature | | | D | ate | | universi | ty Signature | Date |



BAS- Applied Science (Internet/Web Development)

E-Learning Degree Program

Bachelor of Applied Science Degree

| 2010-2011 Curriculum Check Sheet | College of Technology and Innovation | | | | | |
|--|--------------------------------------|----------|--|-----------|---|--------|
| Church Name | | | | ID. Nives | hon | |
| Student Name | | | | | ber | |
| A.A.S. Degree | | | | | A.S. Degree Granted | |
| A.A.S. Degree Granting Institution | | | | ASU Cat | alog Year <u>2010-20</u> | 11 |
| B.A.S. Academic Department Techn | nology Ma | nagement | <u>: </u> | Advisor . | | |
| Number of Upper Division Transfer Credit | ts | | | Expected | d Graduation Date | |
| Institution of Transfer Course Work (Uppe | | | | • | | |
| mentanen er manere etanet ment (eppe | | | | | | |
| General Studies Sequence (19 Hours |) ASU | Transfer | Transfer From | Grade | | |
| Numeracy - ASC 315 | 3 | | | | | |
| Science - ASC 325 | 4 | | | | BAS Degree | Credit |
| Literacy [L] ENG 301 | 3 | | | | Summary | Hours |
| Humanities [HU] REL 321 [H] [C] | 3 | | | | A.A.S. Degree Block Transfer | 60 |
| Social Science [SB] POS 310 | 3 | | | | General Studies | |
| General Studies [HU or SB] REL 379 [G] | 3 | | | | B.A.S. Area Core | |
| (Suggested courses are tinted) Sub Total | 19 Hrs | | | | Digital Publishing | |
| (, | | | | | Assignable Credits | |
| B.A.S. Area Core (15 Hours) | | | | | Total (120 Hours Minimum) | |
| | ASU | Transfer | Transfer From | Grade | , | |
| TMC 346 Management Dynamics | 3 | | 1 | | | |
| TMC 470 Project Management | 3 | | | | | |
| TWC 400 Technical Communications [L] | 3 | | | | Advisor Comments | |
| STP 420: Introductory Applied Statistics (CS) | 3 | | | | | |
| GIT 335 Computer Systems Technology | 3 | 1 | | | | |
| Sub Total | | | ı | | - | |
| ous rotal | 10 1113 | | | | | |
| Internet/Web Development (20 Hou | rs) | | | | | |
| | ASU | Transfer | Transfer From | Grade | | |
| GIT 334 Image Capture and Manipulation | 3 | | | | | |
| GIT 337 Web Content Design | 3 | | | | | |
| GIT 412 Multimedia Authoring, Scripting & Prod | 3 | | | | | |
| GIT 414 Web Site Design & Internet Tech | 3 | | | | | |
| GIT 417 Advanced Internet Programming | 3 | | | | | |
| GIT 435 Web Management and E-commerce | 3 | | | | | |
| TMC 494 BAS Senior Project | 2 | | | | | |
| Sub Total | 20 Hrs | | • | | | |
| | | | | | Total Upper Division Hou | rs |
| Assignable Credits (6 Hours) | | | | | • • | |
| | ASU | Transfer | Transfer From | Grade | Total ASU Resident Hours | s |
| GIT 314 Multimedia Design,Planning&Storybrd | 3 | | | | | |
| GIT 415 Computer Graphics: Bus Plan and Mgt | 3 | | | | | |
| Sub Total | 6 Hrs. | | l | | | |
| 342 10141 | 5 5. | | | | | |
| | | | | | | |
| Student Signature | Da | ate | | Dean | Signature | Date |
| | | | | | | |
| Advisor/Chair Signature | | ate | | Universi | ity Signature | Date |



BAS- Applied Science (Operations Management Technology)

Bachelor of Applied Science Degree

| 2010-2011 Curriculum Check Sheet | | | | Co | ollege of Technology and Ir | nnovation | | |
|---|----------|----------------|---------------|----------------------|------------------------------|-----------|--|--|
| Student Name | | | | | ID Number | | | |
| | | | | | | | | |
| A.A.S. Degree | | | | | - | | | |
| A.A.S. Degree Granting Institution | | | | | | | | |
| B.A.S. Academic Department Tech | nology | <u>Managen</u> | nent | Advisor ₋ | | | | |
| Number of Upper Division Transfer Credits | S | | | Expected | d Graduation Date | | | |
| Institution of Transfer Course Work (Upper | Division | Only) | | | | | | |
| General Studies Sequence (19 Hours) | ASU | Transfer | Transfer From | Grade | | | | |
| Numeracy - ASC 315 | 3 | | | | | | | |
| Science - ASC 325 | 4 | | | | BAS Degree | Credit | | |
| Literacy [L] ENG 301 | 3 | | | | Summary | Hours | | |
| Humanities [HU] REL 321 [H] [C] | 3 | | | | A.A.S. Degree Block Transfer | 60 | | |
| Social Science [SB] POS 310 | 3 | | | | General Studies | | | |
| General Studies [HU or SB] REL 379 [G] | 3 | | | | B.A.S. Area Core | | | |
| (Suggested courses are tinted) Sub Total | 19 Hrs | | | | Operations Management | | | |
| | | | | | Assignable Credits | | | |
| B.A.S. Area Core (15 Hours) | | | | | Total (120 Hours Minimum) | | | |
| | ASU | Transfer | Transfer From | Grade | | | | |
| TMC 346 Management Dynamics | 3 | | | | | | | |
| OMT 452 Ind. Human Resource Management | 3 | | | | | | | |
| TWC 400 Technical Communications [L] | 3 | | | | Advisor Comments | | | |
| STP 420: Introductory Applied Statistics (CS) | 3 | | | | | | | |
| GIT 335 Computer Systems Technology | 3 | | | | | | | |
| Sub Total | 15 Hrs | | | | | | | |
| Operations Management (20 Hours) | 1 | Transfer | Transfer From | Grade | | | | |
| TMC 331 Quality Assurance | 3 | | | | | | | |
| OMT 343 Occupational Safety and Ergonomics | 3 | | | | | | | |
| OMT 344 Industrial Organization | 3 | | | | | | | |
| OMT 430 Ethical Issues in Technology | 3 | | | | | | | |
| OMT 461 Operations Management | 3 | | | | | | | |
| TMC 470 Project Management | 3 | | | | | | | |
| TMC 494 BAS Senior Project | 2 | | | | | | | |
| Sub Total | 20 Hrs | • | | | | | | |
| Assimus bla Guadita (C. Harris) | | | | | Total Upper Division Ho | urs | | |
| Assignable Credits (6 Hours) | ASU | Transfer | Transfer From | Grade | Total ASU Resident Hou | rs | | |
| OMT 440 Intro to International Business | 3 | | | | | | | |
| OMT 480 Organizational Effectiveness | 3 | | | | | | | |
| Sub Total | 6 Hrs. | | | | | | | |
| Student Signature | Dat | e e | | Dean S | ignature . | Date | | |
| Advisor/Chair Signature | Da | te | | Universit | y Signature . | Date | | |



Advisor/Chair Signature

BAS- Applied Science (Software & Computing Systems)

Bachelor of Applied Science Degree

| 2010-2011 Curriculum Check Sheet | | | | | College of Technology and Innovation | | | |
|---|---------------------------------------|---------------------------|---------------|----------|--------------------------------------|----------|--|--|
| Student Name | | | | ID Num | her | | | |
| A.A.S. Degree | ID. Number Date A.A.S. Degree Granted | | | | | | | |
| _ | | | | | | | | |
| A.A.S. Degree Granting Institution | | alog Year <u>2010-201</u> | | | | | | |
| B.A.S. Academic Department Eng | _ | | | | | | | |
| Number of Upper Division Transfer Credits | | | | Expected | d Graduation Date | | | |
| Institution of Transfer Course Work (Upper I | Division O | nly) | | | | | | |
| General Studies Sequence (19 Hours) | ASU | Transfer | Transfer From | Grade | | | | |
| Numeracy - ASC 315 | 3 | Transici | Trunsier From | Grade | | | | |
| Science - ASC 325 | 4 | | | | BAS Degree | Credit | | |
| Literacy [L] ENG 301 or TWC 301 | 3 | | | | Summary | Hours | | |
| Humanities [HU] REL 320 or 321 [H] [C] | 3 | | | | A.A.S. Degree Block Transfer | 60 | | |
| Social Science [SB] | 3 | | | | General Studies | | | |
| General Studies [HU or SB] | 3 | | | | B.A.S. Area Core | | | |
| (Suggested courses are tinted) Sub Total | 19 Hrs | | | • | Concentration | | | |
| | | | | | Assignable Credits | | | |
| B.A.S. Area Core (15 Hours) | | | | | Total (120 Hours Minimum) | | | |
| | ASU | Transfer | Transfer From | Grade | | | | |
| TMC 346 Management Dynamics | 3 | | | | | | | |
| APM 301 Introduction to Statistics [MA] | 3 | | | | | | | |
| TWC 400 Tech Com [L] or other approved UD [L] | 3 | | | | Advisor Comments | | | |
| Select from Group A | 3 | | | | | | | |
| Select from Group A | 3 | | | | | | | |
| Sub Total | 15 Hrs | | | | | | | |
| 6 (201) | | | | | | | | |
| Concentration (20 hrs) | ASU | T | T | Crada | | | | |
| Calcat fram Carrier D | _ | rransier | Transfer From | Grade | | | | |
| Select from Group B | 3 | | | | | | | |
| Select from Group B Select from Group B | 3 | | | | | | | |
| Select from Group B | 3 | | | | | | | |
| Select from Group B | 3 | | | | | | | |
| Select from Group B | 3 | | | | | | | |
| CST 483 Capstone Project | 2 | | | | | | | |
| Sub Total | 20 Hrs | | | | | | | |
| 300 1010 | | | | | Total Upper Division Hour | ·s | | |
| Assignable Credits (6 Hours) | | | | | | | | |
| , , | ASU | Transfer | Transfer From | Grade | Total ASU Resident Hours | · | | |
| | 3 | | | | | | | |
| | 3 | | | | | | | |
| Sub Total | 6 Hrs. | | | | | | | |
| | | | | | | | | |
| Student Signature | | ate | | Dean | Signature | Date | | |
| otation orginala e | D | | | Deall | o.gatui o | Date | | |
| | | | | | | | | |

University Signature

Date

Date



Major Map: Computer Systems (Embedded Systems Technology) - Bachelor of Science (B.S.) College of Technology and Innovation | Catalog Year: 2010-2011

| | | | | nnsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|----------|-------------|--------------|------------------------------------|---|
| Course Subject and Title | | Upper | Transfer | | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | ASU 101 is for ASU freshman students only |
| ASU 101: The ASU Experience Complete 3 courses from: | 1 | | | | Not required of transfer students |
| MA course: (MAT 265: Calculus for Engineers I *) | 3 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| MAT 266: Calculus for Engineers II) | | | | | determines placement into first-year composition courses |
| CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) | | | | | ASU Math Placement Exam score determines |
| CST 200& 201: Object-Oriented Software Development | 3 | | | Grade of C | placement in Mathematics course |
| II/Laboratory (3/1 hrs) | | | | | *Mathematical Studies (MA) designation |
| MAT 243: Discrete Mathematical Structures PHY 111/113: General Physics/Laboratory (SQ) | 3 or | | | | approval pending Complete First-Year Composition requirement |
| CST 230: Applied Data Structures | 3/1 | | | Grade of C | by end of semester 3 |
| ENG 101 or 102: First-Year Composition or | | | | | Complete at least 2 critical courses each with a minimum grade of C. Suggested courses for |
| ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | term 1: APM 265; CST 100, CST 150 |
| Humanities, Fine Arts & Design (HU) | 3 | | | Grade of C | , |
| TERM TWO: 16-30 CREDIT HOURS | 3 | | | | |
| Complete 2 additional courses from: | | | | | Complete at least 2 additional critical courses |
| MA course: (MAT 265: Calculus for Engineers I *) | 3 | | | Grade of C | each with a minimum grade of C. Suggested |
| MAT 266: Calculus for Engineers II) CST 100: Object-Oriented Software Development | | | | | courses for term 2: APM 266; CST 200 & 201 Complete First-Year Composition requirement |
| CST 150: Object-Oriented Software Development CST 150: Digital Systems I (CS) | | | | | by end of semester 3 |
| CST 200& 201: Object-Oriented Software Development | | | | | , |
| II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures | | | | | |
| PHY 111/113: General Physics/Laboratory (SQ) | 3 or | | | | |
| CST 230: Applied Data Structures | 3/1 | | | Grade of C | |
| CST 250/251: Microcomputer Architecture and | 3/1 | | | | |
| Programming/Laboratory ENG 101 or 102: First-Year Composition or | 3/1 | | | | |
| ENG 105: Advanced First-Year Composition or | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | • Complete at least 2 additional aritical accuracy |
| Complete 2 additional courses from: MA course: (MAT 265: Calculus for Engineers I *) | | | | | Complete at least 2 additional critical courses each with a minimum grade of C. Suggested |
| MAT 266: Calculus for Engineers II) | 3 | | | Grade of C | courses for term 3: MAT 243; PHY 111 & 113 |
| CST 100. Object Oriented Software Development | | | | | First-Year Composition requirement completed by end of semester 3 |
| CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) | | | | | by end of semester 3 |
| CST 200& 201: Object-Oriented Software Development | | | | | |
| II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures | | | | | |
| PHY 111/113: General Physics/Laboratory (SQ) | 3 or | | | | |
| CST 230: Applied Data Structures | 3/1 | | | Grade of C | |
| CST 220: Programming Languages for Technology with C/C++ and Scripting | 3 | | | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | | | | |
| PHY 112/114: General Physics/Laboratory (SQ) | 3/1 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS | -/- | | | | |
| Complete remaining course from: | | | | | Complete remaining critical courses each with a |
| MA course: (MAT 265: Calculus for Engineers I *) | | | | | minimum grade of C. Suggested courses for |
| MAT 266: Calculus for Engineers II) CST 100: Object-Oriented Software Development | | | | | term 4: CST 230 |
| CST 150: Digital Systems I (CS) | 3 or 3/1 | | | Grade of C | |
| CST 200& 201: Object-Oriented Software Development | 3/1 | | | | |
| II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures | | | | | |
| PHY 111/113: General Physics/Laboratory (SQ) | | | | | |
| CST 230: Applied Data Structures | | | | | |
| MAT 267: Calculus for Engineers III (MA) | 3 | | | | |
| CST 350: Digital Systems Design with Verilog | 4 | | | | |
| CST 364: Computer Architecture | 3 | \boxtimes | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | • Commissional Streeting |
| STP 420: Introductory Applied Statistics (CS) | 3 | | | | Complete all 8 tracking courses with a minimum 2.0 GPA within two attempts |
| CST 315: Software Enterprise I: Tools and Process | 3 | | | | |
| CST 386: Operating Systems Principles | 3 | | | | |
| CST 420: Foundations of Distributed Web-Based Applications in Java | 3 | | | | |
| EST 210: Circuit Analysis I | 3 | | | | |



Major Map: Computer Systems (Embedded Systems Technology) - Bachelor of Science (B.S.)

College of Technology and Innovation | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|---|------|-------------------|--------------------------|------------------------------|---|
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| CST 383: Shell and Script Programming with UNIX | 3 | | | | |
| CST 359: Internet Networking Protocols OR CST 458: Digital Computer Networks | 3 | | | | |
| CST 486: Embedded C Programming | 3 | \boxtimes | | | |
| Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| CST 415: Software Enterprise III: Inception and Elaboration (L) | 3 | \boxtimes | | | |
| CST 456: Microcomputer Systems Interfacing | 4 | \boxtimes | | | |
| CST 496: Ethics and Professionalism in Computing | 1 | \boxtimes | | | |
| Lab Science | 4 | \boxtimes | | | |
| Technical Elective | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| CST 416: Software Enterprise IV: Project & Process Management (L)** OR TWC 400: Technical Communications (L) | 3 | | | | **Literacy (L) designation approval pending |
| CST 441: Software for Personal Digital Assistants or CST 494: Special Topics | 3 | | | | |
| Upper division Humanities (HU) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H) OR Upper division Social Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical | | | | | |
| Awareness (H) | 3 | | | | _ |
| Technical Elective | 3 | | | | 4 |
| Technical Elective | 4 | \boxtimes | | | |

Graduation Requirements Summary

| Total Hours (120 | Total Hrs at ASU (30 | Hrs Resident Credit for | Major GPA (2.000 | Total UD Hrs (45 | Total Comm. College |
|------------------|----------------------|-------------------------|------------------|------------------|---------------------|
| minimum) | minimum) | Academic Recognition | Min.) | minimum) | Hrs. (64 maximum) |
| · | | (56 minimum) | · | | |
| | | | | | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0

 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Environmental Technology Management -Bachelor of Science (BS) College of Technology & Innovation | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | ısfer Pathway: ΓAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|---|----------|-------------------------|----------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only |
| Complete 1 course from: | 1 | | | | Not required of transfer students |
| BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General BY 1 (SQ) (41) BY 1 (SQ) (41 | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year |
| Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: | | | | | composition courses |
| General Chemistry I (SQ) (4 hrs) | | | | | ASU Math Placement Exam score determines placement in Mathematics course |
| ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: | | | | | Complete 1 critical course. Suggested course for |
| Special Topics (4hrs) | 3 or | | | | term 1: BIO 100 or 187 |
| TMC 346: Management Dynamics (3 hrs) ENG 101 or 102: First-Year Composition or | 4 | | | | Maintain 2.0 ASU – GPA |
| ENG 101 of 102. First-Year Composition of ENG 105: Advanced First-Year Composition or | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US | | | | | |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| General Elective | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS Complete 1 additional course from: | | | | | Complete 1 additional critical course. Suggested |
| BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General | | | | | course for term 2: CHM 101 or 113 |
| Biology I(SQ) (4 hrs) | | | | | Maintain 2.0 ASU – GPA |
| CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) | | | | | |
| ETM 301: Environmental Management (3 hrs) | | | | | |
| CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) | 3 or | | | | |
| TMC 346: Management Dynamics (3 hrs) | 4 | | | | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | | | | | |
| ENG 103: Advanced First-Fear Composition of ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Social & Behavioral Science (SB) AND Cultural Awareness in the US | | | | | |
| (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| | | | | | |
| MAT 170: Precalculus (MA) TERM THREE: 31.45 CREDIT HOURS | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: | 3 | | | | Complete 2 additional critical courses. |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General | 3 or | | | | Suggested courses for term 3: CHM 231 or |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) | | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) | 3 or | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) | 3 or | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) • CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) • ETM 301: Environmental Management (3 hrs) • CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) | 3 or 4 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) | 3 or 4 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) • CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) • ETM 301: Environmental Management (3 hrs) • CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) | 3 or 4 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) | 3 or 4 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus | 3 or 4 3 3 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) | 3 or 4 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) • CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) • ETM 301: Environmental Management (3 hrs) • CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) • TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS | 3 or 4 3 3 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) • CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) • ETM 301: Environmental Management (3 hrs) • CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) • TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General | 3 or 4 3 3 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) • CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) • ETM 301: Environmental Management (3 hrs) • CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) • TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) | 3 or 4 3 3 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) • CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) • ETM 301: Environmental Management (3 hrs) • CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) • TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General | 3 or 4 3 3 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) | 3 or 4 3 3 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) | 3 or 4 3 3 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) • CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) • ETM 301: Environmental Management (3 hrs) • CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) • TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: • BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) • CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) • ETM 301: Environmental Management (3 hrs) • CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: | 3 or 4 3 or 4 3 a 3 3 a 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) PHY 101: Introduction to Physics | 3 or 4 3 or 4 3 3 3 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
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| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) PHY 101: Introduction to Physics ETM 302: Water and Wastewater Treatment Technology Science-Math-CS Elective | 3 or 4 3 or 4 3 3 3 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) PHY 101: Introduction to Physics ETM 302: Water and Wastewater Treatment Technology Science-Math-CS Elective TERM FIVE: 61-75 CREDIT HOURS | 3 or 4 3 or 4 3 3 3 3 3 4 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) PHY 101: Introduction to Physics ETM 302: Water and Wastewater Treatment Technology Science-Math-CS Elective TERM FIVE: 61-75 CREDIT HOURS ETM 401: Hazardous Waste Management | 3 or 4 3 or 4 3 3 3 3 3 4 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) PHY 101: Introduction to Physics ETM 302: Water and Wastewater Treatment Technology Science-Math-CS Elective TERM FIVE: 61-75 CREDIT HOURS | 3 or 4 3 or 4 3 a 3 3 or 4 4 a 3 4 a 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) PHY 101: Introduction to Physics ETM 302: Water and Wastewater Treatment Technology Science-Math-CS Elective TERM FIVE: 61-75 CREDIT HOURS ETM 401: Hazardous Waste Management ETM 406: Environmental Chemistry OMT 401: Statistics for Industry or STP 420: Introductory Applied Statistics | 3 or 4 3 or 4 3 3 3 3 3 4 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |
| TERM THREE: 31-45 CREDIT HOURS Complete 2 additional courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) MAT 210: Brief Calculus Humanities, Fine Arts & Design (HU) TERM FOUR: 46-60 CREDIT HOURS Complete remaining courses from: BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs) CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs) ETM 301: Environmental Management (3 hrs) CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs) TMC 346: Management Dynamics (3 hrs) PHY 101: Introduction to Physics ETM 302: Water and Wastewater Treatment Technology Science-Math-CS Elective TERM FIVE: 61-75 CREDIT HOURS ETM 401: Hazardous Waste Management ETM 406: Environmental Chemistry OMT 401: Statistics for Industry or STP 420: Introductory Applied | 3 or 4 3 or 4 3 a 3 3 or 4 4 a 3 4 a 3 | | | | Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301 Completion of first-year composition requirement Maintain 2.0 ASU – GPA Complete all critical courses. Suggested course for term 4: TMC 346 |



Major Map: Environmental Technology Management – Bachelor of Science (BS)

College of Technology & Innovation | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
|--|------|-------------------|--------------------------|------------------------------|------------------------------------|
| TERM SIX: 76-90 CREDIT HOURS | | | | | |
| TMC 470: Project Management | 3 | \boxtimes | | | |
| ETM 303: Environmental Regulations | 3 | \boxtimes | | | |
| ETM 402: Unit Treatment Technologies | 3 | \boxtimes | | | |
| Science-Math-CS Elective | 3 | | | | |
| Elective | 3 | | | | |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| TMC 396: Professional Orientation | 1 | \boxtimes | | | |
| TWC 400: Technical Communications (L) | 3 | \boxtimes | | | |
| ETM 407: Occupational Hygiene | 3 | \boxtimes | | | |
| Technical Elective | 3 | | | | |
| Upper division elective | 3 | \boxtimes | | | |
| Upper division elective | 3 | \boxtimes | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| ETM 428: International Environmental Management | 3 | \boxtimes | | | |
| TMC 480: Senior Project | 3 | \boxtimes | | | |
| Technical Elective | 3 | | | | |
| Technical Elective | 3 | | | | |
| Technical Elective | 2 | | | | |

Graduation Requirements Summary:

| | Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---|---------------------------|-------------------------------|---|---------------------------|------------------------------|--|
| İ | | | (+ + | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements

 Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Students must complete a minimum of 50 hours of upper division coursework. Please consult with an academic advisor when choosing technical and general electives to make sure that this requirement is met.



Major Map: Graphic Information Technology – Bachelor of Science (B.S.) College of Technology & Innovation | Catalog Year: 2010-2011

| | | | Competed Tran ☐ MAPP ☐ | nsfer Pathway: FAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|-------------------------|----------------------------------|--|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | ASU 101 is for ASU freshman students only. |
| ASU 101: The ASU Experience Complete 1 course from: | 1 | | | | Not required of transfer students. |
| GIT 110: Technical Graphics | | | | | An SAT, ACT, Accuplacer, or TOEFL score |
| GIT 135: Graphic Communications | | | | | determines placement into first-year |
| GIT 230: Digital Illustration in Publishing | | | | | composition courses ASU Math Placement Exam score determines |
| GIT 210: Creative Thinking and Design Visualization | 2 | | | | placement in Mathematics course |
| TMC 346: Management Dynamics ENG 101 or 102: First-Year Composition or | 3 | | | | Complete 1 critical course. Suggested course for |
| ENG 105: Advanced First-Year Composition or | | | | | term 1: GIT 110 |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Maintain 2.0 ASU – GPA |
| MAT 170: Precalculus (MA) | 3 | | | | |
| Social & Behavioral Science (SB) (PGS 101: Intro o to Psychology | | | | | |
| recommended) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| Complete 1 course from: | | | | | Complete 1 additional critical course. Suggested course for term 2: GIT 230 |
| GIT 110: Technical Graphics GIT 135: Graphic Communications | | | | | Maintain 2.0 ASU – GPA |
| GIT 230: Digital Illustration in Publishing | | | | | |
| GIT 210: Creative Thinking and Design Visualization | | l _ | | | |
| TMC 346: Management Dynamics | 3 | | | | |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or | | | | | |
| ENG 107: Advanced First-Feat Composition of ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| PHY 101: Introduction to Physics (SQ) | 4 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the | | | | | |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| Complete 1 course from: | | | | | Complete 1 additional critical course. Suggested |
| GIT 110: Technical Graphics GIT 135: Graphic Communications | | | | | course for term 3: GIT 210 • Maintain 2.0 ASU – GPA |
| GIT 133. Graphic Communications GIT 230: Digital Illustration in Publishing | | | | | - Mantani 2.0 ASO – Gi A |
| GIT 210: Creative Thinking and Design Visualization | | | | | |
| TMC 346: Management Dynamics | 3 | | | | |
| STP 420: Introductory Applied Statistics (CS) | 3 | ⊠ | | | |
| CHM 101: Introductory Chemistry (SQ) | 4 | | | | |
| GIT 303: Digital Publishing | 3 | ⊠ | | | |
| Social Behavioral Science (SB) (ECN 211: Macroeconomic Principles | 2 | | | | |
| recommended) | 3 | Ш | | | |
| TERM FOUR: 46-60 CREDIT HOURS Complete remaining 2 courses from: | | | | | Complete remaining critical courses. |
| GIT 110: Technical Graphics | 3 | | | | Maintain 2.0 ASU – GPA |
| GIT 135: Graphic Communications | | | | | |
| GIT 230: Digital Illustration in Publishing | | | | | |
| GIT 210: Creative Thinking and Design Visualization TMC 346: Management Dynamics | 3 | | | | |
| | 3 | | | | |
| GIT 212: 3-D Computer Graphics Modeling and Representation (CS) | | | | | |
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | | | |
| Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or | | | | | |
| TWC 301: General Principles of Multimedia Writing) | 3 | \boxtimes | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | <u></u> |
| GIT 333: Printing Technology | 3 | \boxtimes | | | |
| GIT 334: Image Capture and Manipulation | 3 | ⊠ | | 1 | |
| GIT 337: Web Content Design | 3 | ⊠ | | | |
| TMC 331: Quality Assurance | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the | 3 | | | | 1 |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | \boxtimes | | | |



Major Map: Graphic Information Technology – Bachelor of Science (B.S.)

College of Technology & Innovation | Catalog Year: 2010-2011

| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
|---|------|-------------|--------------|------------------|--|
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| TERM SIX: 76-90 CREDIT HOURS | | | | | Concentration Selectives-Recommend 3 from |
| TMC 396: Professional Orientation | 1 | | | | GIT 411: Computer Animation |
| TMC 470: Project Management | 3 | | | | o GIT 412: Multimedia Authoring, Scripting |
| GIT 384: Commercial Digital Photography | 3 | ⊠ | | | and Production |
| GIT 437: Color Reproduction Systems | 3 | \boxtimes | | | GIT 414: Web Site Design and Internet/Web Technologies |
| Concentration Selective | 3 | \boxtimes | | | OMT 440: Introduction to International |
| | | | | | Business |
| | _ | | | | TWC 401: Principles of Technical |
| Concentration Selective | 3 | \boxtimes | | | Communication |
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| GIT 450: Digital Workflow in Graphic Industries | 3 | | | | Concentration Selectives-Recommend 3 from GIT 411: Computer Animation |
| GIT 415: Computer Graphics: Business Planning and Management | 3 | \boxtimes | | | o GIT 411: Computer Annhation o GIT 412: Multimedia Authoring, Scripting |
| GIT 432: Graphic industry Business Practices | 3 | \boxtimes | | | and Production |
| Concentration Selective | 3 | \boxtimes | | | o GIT 414: Web Site Design and Internet/Web |
| Concentration Selective | 2 | \boxtimes | | | Technologies OMT 440: Introduction to International |
| Upper Division Humanities, Fine Arts & Design (HU) OR Social & | | | | | Business |
| Behavioral Science (SB) AND Cultural Awareness in the US (C), | | _ | | | TWC 401: Principles of Technical |
| Global Awareness (G) or Historical Awareness (H)or SB & C, G or H | 3 | \boxtimes | | | Communication |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| TWC 400: Technical Communications (L) | 3 | \boxtimes | | | |
| GIT 4** | 3 | | | | |
| GIT 4** | 3 | | | | |
| TMC 480: Senior Project | 3 | \boxtimes | | | |
| GIT 4** | 3 | \boxtimes | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - O Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Operations Management Technology – Bachelor of Science (B.S.) College of Technology & Innovation | Catalog Year: 2010-2011

| | | | Competed Tran | nsfer Pathway: TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------|---------------|----------------------------------|---|
| Course Subject and Title | | Upper | Transfer | Minimum Grade if | |
| (courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS | Hrs. | Division | Course/Grade | Required | Additional Critical Requirement Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for ASU freshman students only |
| Complete 1 course from: GIT 110: Technical Graphics GIT 135: Graphic Communications ECN 211: Macroeconomic Principles (SB) or ECN 212: Macroeconomic Principles (SB) TMC 331: Quality Assurance TMC 346: Management Dynamics | 3 |) | | | Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course Complete 1 critical course. Suggested course for |
| CHM 101: General Chemistry for Engineers (SQ) | 4 | | | | term 1: GIT 110 |
| ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students Social & Behavioral Sciences (PGS 101: Intro to Psychology | 3 | | | Grade of C | Maintain 2.0 ASU – GPA |
| recommended) (S) | 3 | | | | |
| TERM TWO: 16-30 CREDIT HOURS Complete 2 additional courses from: GIT 110: Technical Graphics GIT 135: Graphic Communications ECN 211: Macroeconomic Principles (SB) or ECN 212: Macroeconomic Principles (SB) TMC 331: Quality Assurance | 3 | | | | Complete 2 additional critical course. Suggested course for term 2: ECN 211 or 212, GIT 135 Maintain 2.0 ASU – GPA |
| TMC 346: Management Dynamics Phys. 101, Leter deutlin & Physics (SO) | 3 | | | | |
| PHY 101: Introduction to Physics (SQ) MAT 170: Precalculus (MA) | 3 | | | | |
| ENG 101 or 102: First-Year Composition or | , | | | | |
| ENG 105: Advanced First-Year Composition or | 2 | | | Condo of C | |
| ENG 107 or 108: English for Foreign Students TERM THREE: 31-45 CREDIT HOURS | 3 | | | Grade of C | |
| OMT 343: Occupational Safety and Ergonomics | 3 | | | | First-year composition completed |
| ETM 301: Environmental Management | 3 | | | | Maintain 2.0 ASU – GPA |
| OMT 344: Industrial Organization | 3 | | | | |
| Literacy & Critical Inquiry (L) | | | | | |
| (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the | | _ | | | |
| US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |
| TERM FOUR: 46-60 CREDIT HOURS Complete remaining 2 courses from: GIT 110: Technical Graphics GIT 135: Graphic Communications ECN 211: Macroeconomic Principles (SB) or ECN 212: Macroeconomic Principles (SB) TMC 331: Quality Assurance TMC 346: Management Dynamics | 3 | | | | Complete remaining critical courses. Suggested course for term 4: TMC 331 and 346 Maintain 2.0 ASU – GPA |
| STP 420: Introductory Applied Statistics (CS) | 3 | | | | |
| Humanities, Fine Arts & Design (HU) | 3 |] 🗆 | | | |
| OMT *** | 3 | \boxtimes | | | |
| TERM FIVE: 61-75 CREDIT HOURS | | | | | |
| Humanities (HU) or Social Behavioral Science (SB) | 3 | ⊠ | | | |
| GIT 352: Technical Presentations | 3 | | | | |
| OMT *** | 3 | | | | |
| OMT *** | 3 | | | | |
| OMT *** TEDM SIV. 76 00 CDEDIT HOURS | 3 | \boxtimes | | | |
| TERM SIX: 76-90 CREDIT HOURS TMC 396: Professional Orientation | 1 | \boxtimes | | | |
| OMT 452: Industrial Human Resource Management | 3 | | | | |
| OMT 430: Ethical Issues in Technology | 3 | ⊠ | | | |
| Technical Elective | 3 | | | | |
| Technical Elective | 3 | | | | |
| Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H) | 3 | | | | |



Major Map: Operations Management Technology – Bachelor of Science (B.S.)

College of Technology & Innovation | Catalog Year: 2010-2011

| Course Subject and Title (courses in bold /s hading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Requirement Notes |
|---|------|-------------------|--------------------------|------------------------------|---------------------------------------|
| TERM SEVEN: 91-105 CREDIT HOURS | | | | | |
| TWC 400: Technical Communications (L) | 3 | \boxtimes | | | |
| OMT 461: Operations Management | 3 | \boxtimes | | | |
| OMT 480: Organizational Effectiveness | 3 | \boxtimes | | | |
| OMT 445: Industrial Internship | 3 | \boxtimes | | | |
| Technical Elective | 3 | | | | |
| TERM EIGHT: 106-120 CREDIT HOURS | | | | | |
| OMT 402: Legal Issues for Technologists | 3 | \boxtimes | | | |
| OMT 440: Introduction to International Business | 3 | \boxtimes | | | |
| TMC 470: Project Management | 3 | \boxtimes | | | |
| TMC 480: Senior Project | 3 | \boxtimes | | | |
| Technical Elective | 2 | | | | |

Graduation Requirements Summary:

| Total Hours (120 minimum) | Total Hrs at ASU (30 minimum) | Hrs Resident Credit for Academic Recognition (56 minimum) | Major GPA (2.000 Min.) | Total UD Hrs (45 minimum) | Total Comm. College Hrs. (64 maximum) |
|---------------------------|-------------------------------|---|---------------------------|---------------------------|--|
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Exploratory Health and Life Sciences University College | Catalog Year: 2010–2011

| | | | | nsfer Pathway: | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|-------------------|--------------------------|------------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. |
| UNI 150: Major and Career Exploration | 1 | | | Grade of C | Not required for transfer students. • An SAT, ACT, Accuplacer, or TOEFL score |
| WAC 101: Introduction to Academic Writing OR WAC 107: Intro to Academic Writing for International Students OR ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition courses • An ASU Math Placement Exam score determines placement in mathematics course • Complete first course in first Year Composition |
| Natural Science – Quantitative or General (SQ/SG) Such as chemistry, physics, or biology (particular course depends on majors of interest) | 4 | | | Grade of C | (WAC 101 or ENG 101 or ENG 107 or ENG 105) |
| MAT XXX course | 3 | | | Grade of C | |
| Social/Behavioral Science (SB) or Humanities/Fine Arts/Design(HU) with Awareness Area or Second Language | 3-4 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| UNI 250: Choosing a Major | 1 | | | Grade of C | Completed ENG 101/107/105 "C" or better |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | Completed Mathematical Studies (MA) with Grade of "C." |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | Grade of C | - |
| Mathematical Studies (MA) or Natural Science – Quantitative or General (SO/SG) | 3-4 | | | Grade of C | |
| Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area or Second Language | 3-4 | | | | _ |
| Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area or second language | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | |
| UNI 250: Choosing a Major | 1 | | | Grade of C | Complete First-Year Composition requirement: |
| ENG 102: First-Year Composition OR ENG 108: English for Foreign Students OR Literacy and Critical Inquiry (L) OR Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) – course that is appropriate for majors of interest | 3 | | | Grade of C | ENG 101 and 102 OR ENG 107 and 108 or ENG105 |
| Natural Science – Quantitative or General (SQ/SG) | 4 | | | Grade of C | |
| Natural Science – Quantitative or General (SQ/SG) or second language or elective | 3-4 | | | | 1 |
| Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area | 3 | | | | 1 |
| Computer Literacy/Statistics (CS) or Mathematical Studies (MA) or Elective | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Community College Hrs |
|---------------|----------------|----------------|------------------|------------------------------|-----------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the U.S. (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

A listing of all ASU majors that track into the Health & Life Sciences major track is available online: http://uc.asu.edu/advising/majors/hls.html



Major Map: Exploratory Humanities, Fine Arts & Design

University College | Catalog Year: 2010-2011

| | | | | ınsfer Pathway: □TAG □ATP □None | Completed General Education: □AGEC □IGETC/CSUGE □None |
|--|------|----------|--------------------------|------------------------------------|--|
| Course Subject and Title | 11 | Upper | Transfer Course/Grade | Minimum Grade if | Additional Children Translation Nation |
| (courses in bold/shading are critical) | Hrs. | Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1 | | | | ACITION: C. C. I. ACIT. (1. 4. 1. |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. Not required for transfer students. |
| UNI 150: Special Topics: Career & Major Exploration | 1 | | | Grade of C | An SAT, ACT, Accuplacer, or TOEFL score |
| WAC 101: Introduction to Academic Writing OR WAC 107: Intro to Academic Writing for International Students OR ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement into first-year composition courses • An ASU Math Placement Exam score determines placement in Mathematics course • Complete first course in First-Year Composition |
| Humanities/Fine Arts/Design (HU) | 3 | | | Grade of C | (WAC 101 or ENG 101 or ENG 107 or ENG 105) |
| (One that is appropriate for majors of interest) | | | | | (Whe for of End for of End for of End for) |
| Natural Science (SQ/SG) | 3 | | | | |
| Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) or | 3-4 | | | | |
| Second Language | | | | | |
| (One that is appropriate for majors of interest) | | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| UNI 250: Special Topics: Choosing a major | 1 | | | Grade of C | Completed ENG 101/107/105 "C" or better |
| ENG 101 or 102: First-Year Composition OR | 3 | | | Grade of C | |
| ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | _ | | | 0.1.60 | |
| Humanities/Fine Arts/Design (HU) or Social/Behavioral Science (SB) | 3 | | | Grade of C | |
| | 3 | | | | + |
| Mathematical Studies (MA) Humanities/Fine Arts/Design (HU) or Social/Behavioral Science (SB) | 3-4 | | | | _ |
| or Second Language | 3-4 | | | | |
| Elective that introduces a new discipline | 3 | | | | † |
| TERM THREE: 31-45 CREDIT HOURS | | _ | | | |
| UNI 250: Special Topics: Choosing a Major | 1 | | | Grade of C | Complete First-Year Composition requirement: |
| ENG 102: First-Year Composition OR | 3 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| ENG 102. First-Teal Composition OR ENG 108: English for Foreign Students OR | 3 | | | Grade of C | Complete Mathematical Studies (MA) |
| Literacy and Critical Inquiry (L) OR Humanities/Fine Arts (HU) | | | | | |
| Natural Science (SQ/SG) | 4 | | | | |
| Social/Behavioral Science (SB) or Humanities/Fine Arts/Design | 3 | | | | - |
| (HU) | | | | | |
| Humanities/Fine Arts/Design (HU) or Social/Behavioral Science (SB) | 3-4 | | | | 1 |
| or Second Language | | | | | |
| (One that is appropriate for majors of interest) | | | | | |
| Computer Literacy/Statistics (CS) or Awareness Area (C, G, H) | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

A listing of all ASU majors that track into the Humanities, Fine Arts & Design major track is available online: http://uc.asu.edu/advising/majors/fahd.html



Major Map: Exploratory Math, Physical Sciences,

Engineering & Technology University College | Catalog Year: 2010-2011

| | | | Competed Train | | Completed General Education: |
|---|------|-------------------|-------------------|----------------------------------|---|
| Course Subject and Title | 1 | T.I | ☐ MAPP ☐ Transfer | TAG □ATP □None Minimum Grade if | □AGEC □IGETC/CSUGE □None |
| (courses in bold/shading are critical) | Hrs. | Upper Division | Course/Grade | Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | | | | | |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students only. |
| UNI 150: Special Topics: Career & Major Exploration | 1 | | | Grade of C | Not required for transfer students. |
| WAC 101: Introduction to Academic Writing OR | | | | | An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition |
| WAC 107: Intro to Academic Writing for International Students OR | | | | | courses |
| ENG 101 or 102: First-Year Composition OR | | | | | An ASU Math Placement Exam score |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | determines placement in Mathematics course |
| MAT 117: College Algebra (does not meet MA) OR | , | | | Grade or C | Complete first course in First-Year Composition |
| MAT 170: Pre-calculus or Calculus I | 3-4 | | | Grade of C | (WAC 101 or ENG 101 or ENG 107 or ENG 105) |
| Natural Science (SQ/SG) | | | | |] |
| Such as chemistry, physics, geography, geology or biology (particular | | _ | | | |
| course depends on majors interests) | 4 | | | Grade of C | - |
| Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area or Second Language | 3-4 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | 5-4 | | | | |
| UNI 250: Special Topics: Choosing a Major | 1 | | | Grade of C | Completed ENG 101/107/105 "C" or better |
| ENG 101 or 102: First-Year Composition OR | 1 | | | Grade of C | - Completed Enter 101/10/1100 C of collect |
| ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| MAT 170: Pre-calculus or Calculus I or Calculus II or Science or | | _ | | | |
| Engineering | 3-4 | | | Grade of C | |
| Natural Science-Quantitative or General (SQ/SG) | 4 | | | Grade of C | |
| Computer Literacy/Statistics (CS) | 3 | | | | |
| Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) | 3-4 | | | | |
| with Awareness Area or Second Language | 3-4 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | | Complete First-Year Composition requirement: |
| UNI 250: Special Topics: Choosing a Major | 1 | | | Grade of C | ENG 101 & 102 OR ENG 107 & 108 or 105 |
| ENG 102: First-Year Composition OR ENG 108: English for Foreign Students OR | | | | | ENG 101 & 102 OR ENG 107 & 100 of 103 |
| Literacy and Critical Inquiry (L) OR | | | | | |
| Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) | | | | | |
| - course that is appropriate for majors of interest | 3 | | | Grade of C | |
| Calculus III or Science or Engineering | 3-4 | | | Grade of C | |
| Natural Science - Quantitative (SQ): | 3-4 | | | Grade of C | |
| Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) | | | | | |
| with Awareness Area | 3-4 | | | Grade of C | |
| Elective or Second Language | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

A listing of all ASU majors that track into the Math, Physical Sciences, Engineering & Technology major track is available online: http://uc.asu.edu/advising/majors/emtp.html



Major Map: Exploratory Social and Behavioral Sciences University College | Catalog Year: 2010-2011

| | | | Competed Transfer | | Completed General Education: □AGEC □IGETC/CSUGE □None |
|---|-------|-------------------|--------------------------|---------------------------|--|
| Course Subject and Title (courses in bold/shading are critical) | Hrs. | Upper Division | Transfer Course/Grade | Minimum Grade if Required | Additional Critical Tracking Notes |
| TERM ONE: 0-15 CREDIT HOURS | 1113. | Division | Course/Grade | William Grade ii Required | Additional Critical Flacking Notes |
| ASU 101: The ASU Experience | 1 | | | | ASU 101 is for freshman ASU students |
| UNI 150: Special Topics: Career & Major Exploration | 1 | | | Grade of C | only. Not required for transfer students. • An SAT, ACT, Accuplacer, or TOEFL |
| WAC 101: Introduction to Academic Writing OR | | | | | score determines placement into first-year |
| WAC 107: Introduction to Academic Writing for International Students OR | | | | | composition courses An ASU Math Placement Exam score |
| ENG 101 or 102: First-Year Composition OR | | | | | determines placement in Mathematics |
| ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | course |
| Social/Behavioral Science (SB) | | | | Grade or C | Complete first course in First-Year Composition (WAC 101 or ENG 101 or |
| (One that is appropriate for majors of interest) | 3 | | | Grade of C | ENG 107 or ENG 105) |
| Natural Science (SQ/SG) | 4 | | | | |
| Second Language or Social/Behavioral Science (SB) (One that is appropriate for majors of interest) | 3-4 | | | | |
| TERM TWO: 16-30 CREDIT HOURS | | | | | |
| UNI 250: Special Topics: Choose a Major | 1 | | | Grade of C | Completed ENG 101/107/105 "C" or better |
| ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | | | | | |
| ENG 103. Advanced First-Fear Composition OR ENG 107 or 108: English for Foreign Students | 3 | | | Grade of C | |
| Social/Behavioral Science (SB) | | | | | |
| (One that is appropriate for majors of interest) | 3 | | | Grade of C | |
| Mathematical Studies (MA) | 3 | | | | |
| Second Language or Humanities/Fine Arts/Design (HU) | 3-4 | | | | 1 |
| Elective that introduces a new discipline | 3 | | | | |
| TERM THREE: 31-45 CREDIT HOURS | | | | 0 1 10 | Complete First-Year Composition |
| UNI 250: Special Topics: Choosing a Major ENG 102: First-Year Composition OR | 1 | | | Grade of C | requirement: ENG 101 & 102 OR ENG 107 |
| ENG 102: Frist-Year Composition OR ENG 108: English for Foreign Students OR | | | | | & 108 or 105 |
| Literacy and Critical Inquiry (L) OR | | | | | Complete Mathematical Studies (MA) |
| Social/Behavioral Science (SB) or Humanities/Fine Arts (HU) – course | 3 | | | Grade of C | |
| that is appropriate for majors of interest | | | | Grade of C | |
| Natural Science (SQ/SG) | 4 | | | | 1 |
| Humanities/Fine Arts/Design (HU) Second Language or Social/Behavioral Science (SB) | 3 | | | | 1 |
| (One that is appropriate for majors of interest) | 3-4 | | | | |
| Computer Literacy/Statistics (CS) or Awareness Area (C, G, H) | 3 | | | | |

Graduation Requirements Summary:

| Total Hours | Total UD Hours | Cumulative GPA | Total Hrs at ASU | Resident Credit for Academic | Total Comm. College Hrs. |
|---------------|----------------|----------------|------------------|------------------------------|--------------------------|
| (120 minimum) | (minimum 45) | (2.00 minimum) | (minimum 30) | Recognition (minimum 56) | (maximum 64) |
| | | | | | |
| 1 | l | l | l | | |

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) Natural Science-Quantitative (SQ)
 - 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

A listing of all ASU majors that track into the Humanities, Fine Arts & Design major track is available online: http://uc.asu.edu/advising/majors/sbs.html