

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.00 GPA in all critical courses</li></ul>
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics or higher	3	<input type="checkbox"/>		Grade of C	
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>			
Social/Behavioral Science (SB)	3	<input type="checkbox"/>			
Science (SQ)	4	<input type="checkbox"/>			
TERM TWO: 16 30 CREDIT HOURS					
<b>Focus Area Lower Division (ENG, HIS, AMS, or JRN)</b>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Maintain 2.00 GPA in all attempts of critical courses</li></ul>
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>			
Social/Behavioral Science (SB)	3	<input type="checkbox"/>			
Science (SQ/SG)	4	<input type="checkbox"/>			
TERM THREE: 31 45 CREDIT HOURS					
Computer Literacy (CS)	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Maintain 2.00 GPA in all attempts of critical courses</li><li>First-Year Composition Completed</li></ul>
Cultural Diversity (C)	3	<input type="checkbox"/>			
Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Upper Division	3	<input type="checkbox"/>			
Literacy & Critical Inquiry (L) (PHI 103: Principles of Sound Reasoning recommended)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
<b>Focus Area Lower Division (ENG, HIS, AMS, or JRN)</b>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Maintain 2.00 GPA in all attempts of critical courses</li></ul>
AMS 301: Introduction to American Studies (L) AMS 330: Introduction to American Lives (HU)	3	<input checked="" type="checkbox"/>			
Global Awareness (G)	3	<input type="checkbox"/>			
Focus Area Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM FIVE: 61 75 CREDIT HOURS					
AMS 301: Introduction to American Studies (L) AMS 330: Introduction to American Lives (HU) (course not taken in semester 4)	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>
AMS 310: History of American Systems to 1865 (L/C,H) <i>or</i> AMS 320: American Cultural History I (SB,H)	3	<input checked="" type="checkbox"/>			
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>1</sup>	3	<input type="checkbox"/>			
Focus Area Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>			
Elective Upper Division	3	<input checked="" type="checkbox"/>			
TERM SIX: 76 90 CREDIT HOURS					
AMS 311: History of American Systems Since 1865 (H) <i>(if AMS 310 taken in semester 5)</i> AMS 321: American Cultural History II (SB/H) <i>(if AMS 320 taken in semester 5)</i>	3	<input checked="" type="checkbox"/>			
Focus Area Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>			
Literacy & Critical Inquiry Upper Division (L)	3	<input checked="" type="checkbox"/>			
Elective Upper Division	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM SEVEN: 91 105 CREDIT HOURS					
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>1</sup>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>
Focus Area Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>			
Elective Upper Division	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM EIGHT: 106 120 CREDIT HOURS					
Focus Area Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>			
Final Project (HIS 484: Internship, HIS 498: Pro-Seminar (L) OR HIS 499: Individualized Instruction)	3	<input checked="" type="checkbox"/>			
Elective Upper Division	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

**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)
  - 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)
  - 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, West Campus  
Catalog Year: 2009-2010**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>ACO 101 (CS): Intro to Computer Science</b>	3	<input type="checkbox"/>		Grade of C		
Historical Awareness (H)	3	<input type="checkbox"/>				
General Elective or MAT 117 if needed	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ACO 102 (CS): Principles of Computer Science</b>	3	<input type="checkbox"/>		Grade of C		
<b>MAT 210 (MA): Brief Calculus or MAT270 Calculus&amp; Analytical Geometry I (MA)</b>	3	<input type="checkbox"/>		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	<input type="checkbox"/>				
Global Awareness (G)	3	<input type="checkbox"/>				
Science Quantitative: (SQ)	4	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>ACO 201 (CS): Data Structures and Algorithms</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>First-Year Composition Completed</li></ul>	
<b>MAT 243: Discrete Mathematical Structures</b>	3	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Social Behavioral Science (SB)	3	<input type="checkbox"/>				
Cultural Diversity (C)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>ACO 210 (CS): Introduction to Systems Programming</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must choose one of the following concentrations by the end of the forth semester: Database Systems, Digital Media &amp; Graphic Design, or Network and Distributed Processing.</li></ul>	
<b>ACO 220 (CS): Introduction to Database Systems</b>	3	<input type="checkbox"/>		Grade of C		
<b>STP 300: Introduction to Probability</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				

**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 US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

**Major Map: Applied Mathematics –  
Bachelor of Science (B.S.)**

New College of Interdisciplinary Arts and Sciences, West Campus  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ACO 101: Introduction to Computer Science (CS)	3	<input type="checkbox"/>		Grade of C		
MAT 270: Calculus & Analytical Geometry I (MA)	4	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
ACO 102: Principles of Computer Science (CS)	3	<input type="checkbox"/>		Grade of C		
MAT 271: Calculus & Analytic Geometry II	4	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
MAT 272: Calculus & Analytic Geometry III	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition by the end of semester 3</li></ul>	
MAT 300: Mathematical Structures (L)	3	<input checked="" type="checkbox"/>		Grade of C		
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
MAT 275: Modern Differential Equations	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete MAT 272: Calculus &amp; Analytic Geometry III</li></ul>	
MAT 343: Applied Linear Algebra	3	<input checked="" type="checkbox"/>		Grade of C		
Natural Science – Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
MAT 371: Advanced Calculus I	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
MAT 421: Applied Computational Methods	3	<input checked="" type="checkbox"/>		Grade of C		
STP 421: Probability	3	<input checked="" type="checkbox"/>		Grade of C		
Language and Cultures: Global Awareness (G) Cultural Diversity (C)	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
STP 420: Introductory Applied Statistics	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
Language and Cultures (G) Cultural Diversity (C)	3	<input type="checkbox"/>				
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
Awareness Area (H, C, G)	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
Capstone course	3	<input checked="" type="checkbox"/>		Grade of C		
Applied Math elective	3	<input checked="" type="checkbox"/>		Grade of C		
Awareness Area (H, C, G)	3	<input type="checkbox"/>				
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				
Elective	3	<input checked="" type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
Capstone course	3	<input checked="" type="checkbox"/>		Grade of C		
Applied Math elective	3	<input checked="" type="checkbox"/>		Grade of C		
Awareness Area (H, C, G)	3	<input type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				



**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)
  - 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)
  - 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

**Bachelor of Applied Science**  
**Catalog Year: 2009-2010**

**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	AAS Transfer Hours (60)	ASU Resident Credit (30 hours minimum)	GPA (2.0 minimum)
BAS Core Requirements (21 hours)			BAS General Studies (minimum of 13 hours)	
1) Bridge, Management & Communication Skills		9 hours		
Each course below is required			1) Mathematics (MA)*	0-3 hours
IAS 300 Adult Career Development (L/SB)			MAT 142 College Mathematics (or higher)	
IAS 305 Work and Identity (SB)				
ENG 301 Writing for the Professions (L)			2) Social & Behavioral Science (SB) 300/400 level	0-3 hours
			May be shared with other requirements in general studies	
2) Quantitative Skills		3 hours		
Choose one of the following			3) Natural Science with lab (SG) 100/400 level	4 hours
EDT 321 Computer Literacy (CS)				
SBS 304 Social Statistics (CS)			4) Cultural Diversity in the U.S. (C) 300/400 level	3 hours
3) Aesthetics/Creativity		3 hours	5) Global Awareness (G) 300/400 level	3 hours
Choose one of the following				
ARS 300 Introduction to Art (HU)			6) Historical Awareness (H) 300/400 level	3 hours
IAP 301 Energetic Systems of Art (HU, H)				
THE 320 History of the Theatre (HU, H)			BAS Individualized Concentration	
THE 321 History of Theatre (HU, H)			All courses must be 300/400 level	
THE 400 Focus on Film			A) ASU West Minor. Must be constructed in consultation with program or faculty advisor. Minor requirements are guidelines only.	
MUS 347 Jazz in America (HU, C)			OR	
MUS 349 Music in America (HU, H)				
MUS 354 Popular Music (HU)			B) Individualized Concentration. Must be constructed in consultation with program or faculty advisor.	
4) Ethics - Choose one of the following		3 hours		
PHI 306 Applied Ethics (HU)				
IAS/PHI 340 Bioethics (HU)				
PHI 360 Business and Professional Ethics (HU)				
IAS/PHI 406 Moral Dilemmas (L/HU)				
IAS/PHI 407 Environmental Philosophy & Policy (L/HU)				
IAS/PHI 408 Feminist Ethics (HU)				
IAS/PHI 409 Eco-Community Ethics (HU)			Elective Credit	
				0-8 hours
5) Exit Project - Choose one of the following		3 hours		
IAS 484 Internship				
IAS 499 Individualized Instruction				

Minors offered at ASU at the West campus include: *American Studies, Communication Studies, English, Ethnic Studies, Film and Video Studies, Gerontology, History, Interdisciplinary Arts & Performance, Interdisciplinary Organizational Studies, Life Sciences, Mathematics, Philosophy, Political Science, Prelaw, Psychology, Public Relations & Strategic Communication, Religious Studies, Social & Behavioral Sciences, Socio-cultural Anthropology, Sociology, Spanish, Special Events Management, Tourism Management, Women's Studies, and Youth Services Leadership.* See catalog for more information. \* Must be met by the 24<sup>th</sup> hour or student will be blocked from registering.

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title <i>(courses in <b>bold/shading</b> are critical)</i>	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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete First-Year Composition by end of semester 3</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics/or higher (MA)	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
Natural Science (SQ/SG)	4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Mathematics (MA) completed</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
CMN 225: Public Speaking (L)	3	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU) with Awareness Area (C,G, or H)	3	<input type="checkbox"/>				
Natural Science (SQ)	4	<input type="checkbox"/>				
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
CMN 308: Empirical Research Methods in Communication (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
Humanities/Fine Arts (HU) with Awareness Area (C,G, or H)	3	<input type="checkbox"/>				
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
CMN 200 level course Elective	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
CMN 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>	
CMN 200 level course Elective	3	<input type="checkbox"/>		Grade of C		
CMN 200 level course Elective	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
CMN Competency Area 300 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Competency Area 400 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
CMN Competency Area 300 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Competency Area 400 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
Upper Division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) with Awareness Area (C,G, or H)	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
CMN Competency Area 400 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
CMN Competency Area 300 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				

**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)
  - 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)
  - 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 : Communication Studies –  
Bachelor of Science (B.S.)**

New College of Interdisciplinary Arts and Sciences, West Campus  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics/or higher (MA)	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
Natural Science (SQ/SG)	4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li><li>Complete Mathematics (MA)</li></ul>	
CMN 225: Public Speaking (L)	3	<input type="checkbox"/>		Grade of C		
Statistics course (list in DARS) (CS)	3	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU) with Awareness Area (C,G, or H)	3	<input type="checkbox"/>				
Natural Science (SQ)	4	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
CMN 308: Empirical Research Methods in Communication (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
Humanities/Fine Arts (HU) with Awareness Area (C,G, or H)	3	<input type="checkbox"/>				
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
CMN 200 level course Elective	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
CMN 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>	
CMN 200 level course Elective	3	<input type="checkbox"/>		Grade of C		
CMN 200 level course Elective	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
Statistics course Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Competency Area 300 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Competency Area 300 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Elective Upper Division	3	<input type="checkbox"/>		Grade of C		
TERM SIX: 76 90 CREDIT HOURS						
CMN Competency Area 300 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Competency Area 400 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
CMN Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
Upper Division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) with Awareness Area (C,G, or H)	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
CMN Competency Area 400 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
CMN Competency Area 300 level Elective (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				

**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)
  - 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)
  - 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

Course Subject and Title (courses in <b>bold/shading</b> are critical)		Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No	Minimum Grade if Required	Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No
Additional Critical Tracking Notes						
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete Math (MA) requirement by end of semester 2</li><li>Complete First Year Composition by end of semester 3</li></ul>	
<b>ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students</b>	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
MAT 142: College Mathematics or higher	3	<input type="checkbox"/>				
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Mathematics (MA) requirement completed</li></ul>	
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
Computer Literacy (CS)	3	<input type="checkbox"/>				
Science (SQ/SG)	4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>ENG 200: Critical Reading &amp; Writing About Literature (L)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li></ul>	
Complete one course from: Literature & Culture Before 1860 (Cluster #1)**	3	<input type="checkbox"/>				
English Elective	3	<input type="checkbox"/>				
Cultural Diversity (C)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>ENG Elective Upper Division</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Complete one course from: Literature & Culture After 1860 (Cluster #2)**	3	<input type="checkbox"/>				
Global Awareness (G)	3	<input type="checkbox"/>				
English Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective (Historical Awareness (H) if not already completed)	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
ENG Elective Upper Division “L”	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
Choose one course from: Literary Theory & Interdisciplinary Studies (Cluster #3)**	3	<input type="checkbox"/>				
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>1</sup>	3	<input type="checkbox"/>				
English Elective (HU) Upper Division	3	<input checked="" type="checkbox"/>				
Elective (Humanities (HU) if not already completed)	3	<input type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
Complete one course from: Ethnicity, Gender, & Postcolonality (Cluster #4)**	3	<input type="checkbox"/>				
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>1</sup>	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
English Elective Upper Division	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
Choose one course from: Rhetoric, Writing, & Linguistics (Cluster #5)**	3	<input type="checkbox"/>				
English Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective (Humanities (HU) if not already completed)	3	<input type="checkbox"/>				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
English Elective Upper Division	3	<input checked="" type="checkbox"/>				
English Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				

<sup>1</sup> 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 (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)
  - 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)
  - 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

**\*\*Cluster Requirements:**
**Literature and Culture before 1860:**

- ENG 201, 202, 205, 221, 241, 303, 305, 315, 321, 328, 356, 416, 417, 418, 421, 423, 424

**Literature and Culture after 1860:**

- ENG 204, 206, 222, 242, 329, 330, 342, 353, 354, 359, 386

**Literary Theory and Interdisciplinary Studies:**

- ENG 207, 230, 244, 245, 334, 400, 490, 491

**Ethnicity, Gender, and Postcoloniality:**

- ENG 201, 202, 208, 317, 333, 334, 359, 363, 364, 420, 454, 455, 460, 462, 463, 477

**Rhetoric, Writing, and Linguistics:**

- ENG 210, 213, 214, 215, 216, 217, 218, 219, 243, 287, 288, 301, 302, 307, 310, 311, 312, 313, 314, 317, 323, 368, 374, 389, 413, 420, 472

**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, West Campus  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics/or higher (MA)	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
ETH 100 Intro to Ethnic Studies (SB& C)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Science (SQ)	4	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
Humanities (HU)	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Maintain minimum cumulative ASU GPA of 2.00</li><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li></ul>	
Science (SQ or SG)	4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
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	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>	
Computer Science/Quantitative (CS)	3	<input type="checkbox"/>				
One course from one of the four Course Clusters Lower Division/Upper Division (list in DARS)	3	<input type="checkbox"/>				
Historical Awareness (H)	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
Complete 1 additional 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	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
One course from one of the four Course Clusters Lower Division/Upper Division (list in DARS)	3	<input type="checkbox"/>				
One course from Career List (list in DARS)	3	<input type="checkbox"/>				
Language & Cultures : Global Awareness (G) or Cultural Diversity (C)*	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
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	<input checked="" type="checkbox"/>				
One course from one of the four Course Clusters Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>				
One course from one of the four Course Clusters Lower Division/Upper Division (list in DARS)	3	<input type="checkbox"/>				
One course from Career List (list in DARS)	3	<input type="checkbox"/>				
Language & Cultures : Global Awareness (G) or Cultural Diversity (C)*	3	<input type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> 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	<input checked="" type="checkbox"/>			
One course from one of the four Course Clusters Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>			
One course from Career List (list in DARS)	3	<input type="checkbox"/>			
Elective Upper Division	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM EIGHT: 106 120 CREDIT HOURS					
One course from one of the four Course Clusters Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>			
One course from one of the four Course Clusters Upper Division (list in DARS)	3	<input checked="" type="checkbox"/>			
ETH 484: Internship	3	<input checked="" type="checkbox"/>			
Elective Upper Division	3	<input checked="" type="checkbox"/>			

\* 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:**

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)
  - 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)
  - 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

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM ONE: 0 15 CREDIT HOURS					
<b>Complete 1 course from:</b> • <b>HIS 101: Western Civilization (SB, H) or HIS 102: Western Civilization (SB,G,H)</b> • <b>HIS 103: The United States (SB, H) or HIS 104: The United States (SB,H)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete First-Year Composition by end of semester 3</li><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>
ASU 101: The ASU Experience	1	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics or higher	3	<input type="checkbox"/>		Grade of C	
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>
<b>Complete 1 set from:</b> • <b>HIS 101: Western Civilization (SB, H) AND HIS 102: Western Civilization (SB,G,H) OR</b> • <b>HIS 103: The United States (SB, H) AND HIS 104: The United States (SB,H)</b>	3	<input type="checkbox"/>		Grade of C	
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>			
Science (SQ/SG)	4	<input type="checkbox"/>			
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>			
TERM THREE: 31 45 CREDIT HOURS					
<b>HIS Elective</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Maintain minimum cumulative ASU GPA of 2.00 First-Year Composition Completed</li></ul>
Cultural Diversity (C)	3	<input type="checkbox"/>			
Social/Behavioral Science (SB)	3	<input type="checkbox"/>			
Literacy & Critical Inquiry (L) (Recommend: PHI 103: Principles of Sound Reasoning)	3	<input type="checkbox"/>			
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
<b>HIS 300: Historical Methods (L/H)</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>
<b>American or European HIS Upper Division Course</b>	3	<input checked="" type="checkbox"/>		Grade of C	
Global Awareness (G)	3	<input type="checkbox"/>			
Elective Upper Division	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM FIVE: 61 75 CREDIT HOURS					
American or European HIS Upper Division Course	3	<input checked="" type="checkbox"/>			
Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) Upper Division	3	<input checked="" type="checkbox"/>			
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>1</sup>	3	<input type="checkbox"/>			
Supporting Course work Lower Division	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM SIX: 76 90 CREDIT HOURS					
American or European HIS Upper Division Course:	3	<input checked="" type="checkbox"/>			
American or European HIS Upper Division Course:	3	<input checked="" type="checkbox"/>			
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>1</sup>	3	<input type="checkbox"/>			
Supporting Course work Upper Division	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM SEVEN: 91 105 CREDIT HOURS					
Supporting Course work Upper Division	3	<input checked="" type="checkbox"/>			
Supporting Course work Upper Division	3	<input checked="" type="checkbox"/>			
Global/Comparative HIS Upper Division course (list in DARS)	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
Supporting Course work Upper Division	3	<input checked="" type="checkbox"/>			
HIS 498: Pro-Seminar (L)	3	<input checked="" type="checkbox"/>			
Elective Upper Division:	3	<input checked="" type="checkbox"/>			
Elective Upper Division:	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

<sup>1</sup> 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 (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)
  - 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)
  - 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

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete First-Year Composition by end of semester 3</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		Grade of C		
Computer Literacy (CS)	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Natural Science - Quantitative (SQ)	4	<input type="checkbox"/>				
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Historical Awareness (H)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
Cultural Diversity (C)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li></ul>	
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
IAS 300: Adult Career Development	3	<input checked="" type="checkbox"/>				
Natural Science – Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Global Awareness (G)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
Social/Behavioral Science (SB) (Non CT)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
Ethical Reflection Course (IAS Core#2) (HU) (list in DARS)	3	<input checked="" type="checkbox"/>				
Language & Cultures: Global Awareness (G) or Cultural Diversity (C)*	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
Diverse Identities Course (IAS Core#3) (list in DARS)	3	<input checked="" type="checkbox"/>				
IAS Area of Concentration Course Upper Division	3	<input checked="" type="checkbox"/>				
IAS Area of Concentration Course Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Language & Cultures: Global Awareness (G) or Cultural Diversity (C)*	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
IAS Elective Course UD/LD (IAS Core#6) (list in DARS)	3	<input type="checkbox"/>				
Scientific Mathematical Perspectives (IAS Core#4) (list in DARS)	3	<input checked="" type="checkbox"/>				
IAS Area of Concentration Course Upper Division	3	<input checked="" type="checkbox"/>				
IAS Area of Concentration Course Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
IAS Capstone Course (IAS Core#7)	3	<input checked="" type="checkbox"/>				
Secular & Sacred Worldviews Course LD/UD (IAS Core #5) (list in DARS)	3	<input type="checkbox"/>				
IAS Area of Concentration Course Upper Division	3	<input checked="" type="checkbox"/>				
IAS Area of Concentration Course Upper Division	3	<input checked="" type="checkbox"/>				

\* 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:**

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)
  - 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)
  - 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: Interdisciplinary Arts & Performance – Bachelor of Arts (B.A.)

New College of Interdisciplinary Arts and Sciences, West Campus  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title <i>(courses in <b>bold/shading</b> are critical)</i>	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
IAP 101: Art, Artist, and Culture (HU)	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		Grade of C		
Historical Awareness (H)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>	
<i>Complete 1 course from:</i> ARS 101: Art-Prehistory Through Middle Ages (HU,H) or ARS 102: Art from Renaissance to Present (HU,H) or THE 100: Introduction to Theatre (HU)	3	<input type="checkbox"/>		Grade of C		
<b>IAP 201: Introduction to Interdisciplinary Arts (HU)</b>	3	<input type="checkbox"/>		Grade of C		
Natural Science - Quantitative (SQ)	4	<input type="checkbox"/>				
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<i>Complete 1 course from:</i> IAP 102: Foundations I: Performance Techniques & Composition IAP 103: Foundation I: Interdisciplinary Digital Media IAP 104: Foundations I: Fundamentals of Sound Art IAP 105: Foundation I: Fundamentals of Interdisciplinary Art	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
Natural Science- Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
IAP Elective (applied as arts course)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<i>Complete 1 additional course from:</i> IAP 102: Foundations I: Performance Techniques & Composition IAP 103: Foundation I: Interdisciplinary Digital Media IAP 104: Foundations I: Fundamentals of Sound Art IAP 105: Foundation I: Fundamentals of Interdisciplinary Art	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>	
IAP 294: Perspectives on Interdisciplinary Arts and Performance	3	<input type="checkbox"/>		Grade of C		
<b>IAP 361: Digital Editing and Media Literacy (CS)</b>	3	<input type="checkbox"/>		Grade of C		
Cultural Diversity (C)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
IAP 304: Traditions of the Avant-Garde & Experimental Art (L/HU) IAP 305: 20th and 21st Century Art, Performance, & Media (L/HU)	3	<input checked="" type="checkbox"/>		Grade of C		
IAP 334: Conceptual Development in the Arts	3	<input checked="" type="checkbox"/>		Grade of C		
IAP 360: IAP Laboratory	1	<input checked="" type="checkbox"/>				
IAP Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
IAP 354: Visual Representation	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
Global Awareness (G)	3	<input checked="" type="checkbox"/>				
IAP 360: IAP Laboratory	1	<input checked="" type="checkbox"/>				
IAP 360: IAP Laboratory	1	<input checked="" type="checkbox"/>				
Language & Cultures: Global Awareness (G) or Cultural Diversity (C)*	3	<input type="checkbox"/>				
IAP Elective Upper Division	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
IAP 325: Sound Performance: Exploring Alternative Performance Groups	3	<input checked="" type="checkbox"/>				
IAP 302: Cross-Cultural Perspectives on the Arts (L/HU) IAP 464: Media and Diversity	3	<input checked="" type="checkbox"/>				
Language & Cultures : Global Awareness (G) or Cultural Diversity (C)*	3	<input type="checkbox"/>				
IAP Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
IAP 480: Senior Project	3	<input checked="" type="checkbox"/>			
IAP Elective Upper Division	3	<input checked="" type="checkbox"/>			
IAP Elective Upper Division	3	<input checked="" type="checkbox"/>			
IAP Elective Upper Division	3	<input checked="" type="checkbox"/>			

\* 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:**

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)
  - 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)
  - 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



			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>BIO 187 &amp; 188 must be completed by end of term 3</li><li>CHM 113 &amp; 116 must be completed by end of term 3</li></ul>	
<b>Complete 2 courses from:</b> <ul style="list-style-type: none"><li><b>BIO 187: General Biology I -4 (SQ) or BIO 100: The Living World - 4 (SQ)</b></li><li><b>BIO 188: General Biology II – 4 (SQ)</b></li><li><b>CHM 113: General Chemistry I (SQ) – 4) or CHM 101: Introductory Chemistry – 4 (SQ)</b></li><li><b>CHM 116: General Chemistry II – 4 (SQ)</b></li><li><b>MAT 210: Brief Calculus – 3 (MA) or MAT270 Calculus I</b></li></ul>	4	<input type="checkbox"/>		Grade of C		
	4 or 3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
<b>Complete 1 additional course from:</b> <ul style="list-style-type: none"><li><b>BIO 187: General Biology I -4 (SQ) or BIO 188: General Biology II – 4 (SQ) or CHM 113: General Chemistry I (SQ) – 4) or CHM 116: General Chemistry II – 4 (SQ)</b></li><li><b>MAT 210: Brief Calculus – 3 (MA) or MAT270 Calculus I</b></li></ul>	4 or 3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>BIO 187 &amp; 188 must be completed by end of term 3</li><li>CHM 113 &amp; 116 must be completed by end of term 3</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
<b>Complete remaining courses from:</b> <ul style="list-style-type: none"><li><b>BIO 188: General Biology II – 4 (SQ) or CHM 116: General Chemistry II – 4 (SQ)</b></li><li><b>MAT 210: Brief Calculus – 3 (MA) or MAT270 Calculus I</b></li></ul>	4 or 3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>BIO 187 &amp; 188 must be completed by end of term 3</li><li>CHM 113 &amp; 116 must be completed by end of term 3</li><li>Complete First-Year Composition by the end of semester 3</li></ul>	
	4 or 3	<input type="checkbox"/>		Grade of C		
<b>Complete 1 course from:</b> LSC 347/348: Fundamentals of Genetics/ Laboratory or LSC 353/355: Cell Biology/ Laboratory or LSC 320/322: Fundamentals of Ecology/ Laboratory	4	<input checked="" type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
<b>Complete 1 course from:</b> LSC 347/348: Fundamentals of Genetics/ Laboratory or LSC 353/355: Cell Biology/ Laboratory or LSC 320/322: Fundamentals of Ecology/ Laboratory	4	<input checked="" type="checkbox"/>		Grade of C		
CHM 234/238: General Organic Chemistry II/Laboratory or CHM 233/237: General Organic Chemistry I/Laboratory	3/1	<input type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
Elective	3	<input checked="" type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
<b>Complete remaining course(s) from:</b> LSC 347/348: Fundamentals of Genetics/ Laboratory or LSC 353/355: Cell Biology/ Laboratory or LSC 320/322: Fundamentals of Ecology/ Laboratory	4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
<b>Complete remaining course from:</b> CHM 234/238: General Organic Chemistry II/Laboratory or CHM 233/237: General Organic Chemistry I/Laboratory	3/1	<input type="checkbox"/>				
PHY 111/113: General Physics/Laboratory	3/1	<input type="checkbox"/>				
Language and Cultures: Global Awareness (G) Cultural Diversity (C)	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
PHY 112/114: General Physics/Laboratory	3/1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
Language and Cultures (G) Cultural Diversity (C)	3	<input type="checkbox"/>				
Distribution Course (see DARS)	4	<input checked="" type="checkbox"/>				
Major Elective Course	3	<input checked="" type="checkbox"/>				
Upper division Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
LSC 415 : Biometry or General Elective (CS) required if student completed MAT 210 OR LSC 415 or any Computer/Statistics/Quantitative applications (CS) course if student completed MAT 270/271	4 or 3	<input checked="" type="checkbox"/>		Grade of C	
Awareness Area (H, C, G) or General Elective	3	<input type="checkbox"/>			
Distribution Course (see DARS)	4	<input checked="" type="checkbox"/>			
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>			
Major Course Elective	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
Awareness Area (H, C, G) or Elective	3	<input type="checkbox"/>			
Awareness Area (H, C, G)	3	<input type="checkbox"/>			
Distribution Course (see DARS)	4	<input checked="" type="checkbox"/>			
Major Elective Course	3	<input checked="" type="checkbox"/>			

**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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

New College of Interdisciplinary Arts &amp; 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

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete First Year Composition by end of semester 3</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<i>Complete 1 course from:</i> <b>POL 101: Political Ideologies<sup>1</sup> (SB) or</b> <b>POL 110: Government and Politics<sup>1</sup> (SB) or</b> <b>POS 150: Comparative Government (SB, G) or</b> <b>POL 160: Global Politics (SB,G)<sup>1</sup></b>	3	<input type="checkbox"/>		Grade of C		
MAT 142: college Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C		
Related course work (CRJ, ASB, CMN, ECN, GCU, HIS, PGS, POL, SBS, SOC, WST)	3	<input type="checkbox"/>				
Elective	1	<input type="checkbox"/>				
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>	
Natural Science – Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Related course work (CRJ, ASB, CMN, ECN, GCU, HIS, PGS, POL, SBS, SOC, WST)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
<i>Complete 1 additional course from:</i> <b>POL 101: Political Ideologies<sup>1</sup> (SB) or</b> <b>POL 110: Government and Politics<sup>1</sup> (SB) or</b> <b>POS 150: Comparative Government (SB,G)</b> <b>POL 160: Global Politics (SB,G)<sup>1</sup></b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
Science (SQ)	4	<input type="checkbox"/>				
Computer Literacy (CS)	3	<input type="checkbox"/>				
Cultural Diversity (C)	3	<input type="checkbox"/>				
Elective	2	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
<i>Complete 1 additional course from:</i> <b>POL 101: Political Ideologies<sup>1</sup> (SB) or</b> <b>POL 110: Government and Politics<sup>1</sup> (SB) or</b> <b>POS 150: Comparative Government (SB,G)</b> <b>POL 160: Global Politics (SB,G)<sup>1</sup></b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>	
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Related course work (CRJ, ASB, CMN, ECN, GCU, HIS, PGS, POL, SBS, SOC, WST)	3	<input type="checkbox"/>				
Elective:	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods	3	<input checked="" type="checkbox"/>		Grade of C		
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C		
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C		
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Literacy & Critical Inquiry Upper Division (L)	3	<input checked="" type="checkbox"/>		Grade of C		
Related course work (CRJ, ASB, CMN, ECN, GCU, HIS, SBS, SOC, WST)	3	<input type="checkbox"/>				
Elective Upper Division:	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>2</sup>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Related course work (CRJ, ASB, CMN, ECN, GCU, HIS, SBS, SOC, WST)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>2</sup>	3	<input checked="" type="checkbox"/>		Grade of C	
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Elective Upper Division	3	<input checked="" type="checkbox"/>			
Elective Upper Division	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

<sup>1</sup> Upper division equivalents are available: POL 101 or POL 340, POL 110 or POL 310, POL 160 or POL 360. All students must complete one of class from the POL 110/310, POL 101/340, and POL 160/360 to complete the core requirements for the major.

<sup>2</sup> 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 (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)
  - 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)
  - 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

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM ONE: 0 15 CREDIT HOURS					
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.0 GPA in all critical courses</li></ul>
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
<i>Complete 1 course from:</i> <b>POL 101: Political Ideologies<sup>1</sup> (SB) or</b> <b>POL 110: Government and Politics<sup>1</sup> (SB) or</b> <b>POS 150: Comparative Government (SB,G) or</b> <b>POL 160: Global Politics (SB,G)<sup>1</sup></b>	3	<input type="checkbox"/>		Grade of C	
MAT 142 College Mathematics or higher (MA)	3	<input type="checkbox"/>			
Related course work (CRJ, ASB, CMN, ECN, GCU, HIS, PGS, POL, SBS, SOC, WST)	3	<input type="checkbox"/>			
Elective	1	<input type="checkbox"/>			
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>
Natural Science – Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>		Grade of C	
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>			
Historical Awareness (H)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM THREE: 31 45 CREDIT HOURS					
<i>Complete 1 additional course from:</i> <b>POL 101: Political Ideologies<sup>1</sup> (SB) or</b> <b>POL 110: Government and Politics<sup>1</sup> (SB) or</b> <b>POS 150: Comparative Government (SB, G) or</b> <b>POL 160: Global Politics (SB,G)<sup>1</sup></b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.0 GPA in all critical courses</li></ul>
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>			
Cultural Diversity in the US Awareness (C)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	2	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
<i>Complete 1 additional course from:</i> <b>POL 101: Political Ideologies<sup>1</sup> (SB) or</b> <b>POL 110: Government and Politics<sup>1</sup> (SB) or</b> <b>POS 150: Comparative Government (SB, G) or</b> <b>POL 160: Global Politics (SB,G)<sup>1</sup></b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>			
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM FIVE: 61 75 CREDIT HOURS					
SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods	3	<input checked="" type="checkbox"/>		Grade of C	
SBS 304: Social Statistics I (CS)	3	<input checked="" type="checkbox"/>		Grade of C	
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			
TERM SIX: 76 90 CREDIT HOURS					
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Literacy & Critical Inquiry Upper Division (L)	3	<input checked="" type="checkbox"/>		Grade of C	
Related course work (CRJ, ASB, CMN, ECN, GCU, HIS, PGS, POL, SBS, SOC, WST)	3	<input type="checkbox"/>			
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>2</sup>	3	<input checked="" type="checkbox"/>			
TERM SEVEN: 91 105 CREDIT HOURS					
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed <sup>2</sup>	3	<input checked="" type="checkbox"/>		Grade of C	
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C	
POL Upper Division Elective	3	<input checked="" type="checkbox"/>			
Related course work (CRJ, ASB, CMN, ECN, GCU, HIS, PGS, POL, SBS, SOC, WST)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C	
POL Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Elective Upper Division	3	<input checked="" type="checkbox"/>			
Elective Upper Division	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

<sup>1</sup> Upper division equivalents are available: POL 101 or POL 340, POL 110 or POL 310, POL 160 or POL 360. All students must complete one of the classes from the POL 110/310, 101/340, 160/360 to complete the core requirements for the major.

<sup>2</sup> 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 (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)
  - 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)
  - 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

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title <i>(courses in <b>bold/shading</b> are critical)</i>	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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete Math (MA) requirement by end of semester 2</li><li>Complete First-Year Composition by end of semester 3</li><li>Minimum 2.0 GPA in critical courses</li></ul>
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
PGS 101: Introduction to Psychology (SB)	3	<input type="checkbox"/>		Grade of C	
EDT 180: Computer Literacy (CS) OR CSE 185: Intro to Web Development (CS)	3	<input type="checkbox"/>			
Global Awareness (G)	3	<input type="checkbox"/>			
Preparatory math course (MAT 117) or General Elective:	3	<input type="checkbox"/>		Grade of C in math course	
TERM TWO: 16 30 CREDIT HOURS					
MAT 119: Finite Mathematics (MA)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Math (MA) requirement by end of semester 2</li><li>Complete First-Year Composition by end of semester 3</li><li>Minimum 2.0 GPA in critical courses</li></ul>
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
Cultural Diversity in the US (C)	3	<input type="checkbox"/>			
Social and Behavioral Science (SB)	3	<input type="checkbox"/>			
Natural Science - Quantitative (SQ)	4	<input type="checkbox"/>			
TERM THREE: 31 45 CREDIT HOURS					
PSY 230 (CS): Introduction to Statistics	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition by end of semester 3</li><li>Minimum 2.0 GPA in critical courses</li></ul>
Historical Awareness (H)	3	<input type="checkbox"/>			
Humanities, Fine Arts, & Design (HU):	3	<input type="checkbox"/>			
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
Related Field Elective	3	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
PSY 290: Research Methods	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in critical courses</li></ul>
Humanities, Fine Arts, and Design (HU):	3	<input type="checkbox"/>			
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>			
General Elective	3	<input type="checkbox"/>			
Related Field Elective	3	<input type="checkbox"/>			
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	<input checked="" type="checkbox"/>		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	<input checked="" type="checkbox"/>		Grade of C	
General Elective	3	<input type="checkbox"/>			
Upper division General Elective	3	<input checked="" type="checkbox"/>			
Upper division Related Field Elective	3	<input checked="" type="checkbox"/>			
TERM SIX: 76 90 CREDIT HOURS					
Neuroscience core (select one not taken above) PSY 320, PSY 323, PSY 324, PSY 325, PSY 330, PSY 369 or PSY 470	3	<input checked="" type="checkbox"/>		Grade of C	
PGS/PSY course (Cluster list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C	
Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>			
Related Field Elective	3	<input type="checkbox"/>			
Upper division General Elective	3	<input checked="" type="checkbox"/>			
TERM SEVEN: 91 105 CREDIT HOURS					
PGS/PSY course (Cluster list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>
PGS/PSY course (Cluster list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C	
Language & Cultures Global Awareness (G) OR Cultural Diversity (C)	3	<input checked="" type="checkbox"/>		Grade of C	
General Elective	3	<input type="checkbox"/>			
Upper division General Elective	3	<input checked="" type="checkbox"/>			
TERM EIGHT: 106 120 CREDIT HOURS					
PGS/PSY course (Cluster list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>
Language & Cultures Global Awareness (G) OR Cultural Diversity (C)	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division General Elective	3	<input checked="" type="checkbox"/>			
Upper division General Elective	2	<input checked="" type="checkbox"/>			

**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)
  - 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)
  - 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.
- 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



			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete Math (MA) requirement by end of semester 2</li><li>Complete First-Year Composition by end of semester 3</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>PGS 101: Introduction to Psychology (SB)</b>	3	<input type="checkbox"/>		Grade of C		
EDT 180: Computer Literacy (CS) OR CSE 185: Intro to Web Development (CS)	3	<input type="checkbox"/>				
Preparatory math course (MAT 117 or MAT 170) or General Elective	3	<input type="checkbox"/>		Grade of C in MAT course		
TERM TWO: 16 30 CREDIT HOURS						
<b>MAT 210: Brief Calculus (MA)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Math (MA) requirement by end of semester 2</li><li>Complete First-Year Composition by end of semester 3</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>				
Social and Behavioral Science (SB)	3	<input type="checkbox"/>				
Cultural Diversity in the US (C)	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
<b>PSY 230: Introduction to Statistics (CS)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition by end of semester 3</li></ul>	
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Humanities, Fine Arts, & Design (HU)	3	<input type="checkbox"/>				
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
Related Field Elective	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
<b>PSY 290: Research Methods</b>	4	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ) or General (SG) See note regarding Sciences below	4	<input type="checkbox"/>				
Historical Awareness (H)	3	<input type="checkbox"/>				
Global Awareness (G)	3	<input type="checkbox"/>				
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	<input checked="" type="checkbox"/>		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	<input checked="" type="checkbox"/>		Grade of C		
PGS/PSY cluster course (list in DARS)	3	<input type="checkbox"/>		Grade of C		
Natural Science Quantitative (SQ) or General (SG) See note regarding sciences below	4	<input type="checkbox"/>				
General elective	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
Neuroscience core (select one not taken above) PSY 320, PSY 323, PSY 324, PSY 325, PSY 330, PSY 369 or PSY 470	3	<input checked="" type="checkbox"/>		Grade of C		
PGS/PSY cluster course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				
Upper division General Elective	3	<input checked="" type="checkbox"/>				
Upper division General Elective	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
PGS/PSY cluster course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
PGS/PSY cluster course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Language & Cultures course	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division General Elective	3	<input checked="" type="checkbox"/>				
Upper division General Elective	3	<input checked="" type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
PGS/PSY cluster course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
Language & Cultures course	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division related field elective	3	<input checked="" type="checkbox"/>				
Upper division General Elective	3	<input checked="" type="checkbox"/>				

**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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**
**Psychology Requirement:**

- The Psychology major requires two lab science courses; 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.
- 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: Religion & Applied Ethics Studies – Bachelor of Arts (B.A.)

New College of Interdisciplinary Arts and Sciences, West Campus  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
<b>ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students</b>	3	<input type="checkbox"/>		Grade of C		
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>				
General elective	3	<input type="checkbox"/>				
General elective	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>	
<i>Complete 1 course from:</i> <b>PHI 101: Introduction to Philosophy (HU) or REL 100: Religions of the World (HU &amp;G) or Literacy &amp; Critical Inquiry (L) (if ENG 101 or equivalent completed)</b>	3	<input type="checkbox"/>		Grade of C		
Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>				
General elective	3	<input type="checkbox"/>				
General elective	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<i>Complete 1 additional course from:</i> <b>PHI 101: Introduction to Philosophy (HU) or REL 100: Religions of the World (HU &amp;G) or Literacy &amp; Critical Inquiry (L) (if ENG 101 or equivalent completed)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>First-Year Composition Completed</li><li>Math requirement (MA) completed</li><li>Minimum 2.0 GPA in all critical courses</li></ul>	
Cultural Diversity in the US (C)	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
General elective	3	<input type="checkbox"/>				
General elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<i>Complete remaining course from:</i> <b>PHI 101: Introduction to Philosophy (HU) or REL 100: Religions of the World (HU &amp;G) or Literacy &amp; Critical Inquiry (L)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 GPA in all critical courses</li></ul>	
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
General elective	3	<input type="checkbox"/>				
General elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
PHI 318: Philosophy of Religion (HU)	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
REL 310: Western Religious Traditions (HU, H)	3	<input checked="" type="checkbox"/>				
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed	3	<input type="checkbox"/>				
Religion & Applied Ethics Studies course	3	<input type="checkbox"/>				
Upper division general elective	3	<input checked="" type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
REL 300: Research, Writing, and Thinking in Religion and Applied Ethics (L)	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
Religion & Applied Ethics Studies course	3	<input type="checkbox"/>				
Upper division Applied Ethics course (list in DARS)	3	<input checked="" type="checkbox"/>				
Languages & Cultures: Global Awareness (G) or Cultural Diversity (C) if needed	3	<input checked="" type="checkbox"/>				
Upper division general elective	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
REL 345: Asian Religious Traditions	3	<input checked="" type="checkbox"/>				
REL 484: Internship	3	<input checked="" type="checkbox"/>				
Upper division REL course	3	<input checked="" type="checkbox"/>				
Religion & Applied Ethics Studies course	3	<input type="checkbox"/>				
Upper division Applied Ethics course (list in DARS)	3	<input checked="" type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
REL 490: Senior Thesis	3	<input checked="" type="checkbox"/>			
Upper division Applied Ethics course (list in DARS)	3	<input checked="" type="checkbox"/>			
Upper division REL course	3	<input checked="" type="checkbox"/>			
Upper division REL course	3	<input checked="" type="checkbox"/>			

**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)
  - 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)
  - 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

Course Subject and Title <i>(courses in bold/shading are critical)</i>		Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
				Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0 15 CREDIT HOURS							
ASU 101: The ASU Experience	1	<input type="checkbox"/>				<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ENG 101 or 107: First-Year Composition and ENG 102 or 108: English/Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>			Grade of C		
Social & Behavioral Science (SB): (PGS 101: Introduction to Psychology recommended)	3	<input type="checkbox"/>					
Humanities, Fine Arts, Design (HU)	3	<input type="checkbox"/>					
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>			Grade of C		
Cultural Diversity in the US (C)	3	<input type="checkbox"/>					
TERM TWO: 16 30 CREDIT HOURS							
ENG 101 or 107: First-Year Composition and ENG 102 or 108: English/Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>			Grade of C		
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>					
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>					
Historical Awareness (H)	3	<input type="checkbox"/>					
General Elective	3	<input type="checkbox"/>					
TERM THREE: 31 45 CREDIT HOURS							
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				<ul style="list-style-type: none"><li>Complete First-Year Composition by end of semester 3</li></ul>	
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>			Grade of C		
Literacy and Critical Inquiry (L):	3						
General Elective	3	<input type="checkbox"/>					
General Elective	3	<input type="checkbox"/>					
TERM FOUR: 46 60 CREDIT HOURS							
SBS 300: Interdisciplinary Approaches to Social & Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>			Grade of C		
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>			Grade of C		
Global Awareness (G):	3	<input type="checkbox"/>					
General Elective	3	<input type="checkbox"/>					
General Elective	3	<input type="checkbox"/>					
TERM FIVE: 61 75 CREDIT HOURS							
SBS 302: Qualitative Methods	3	<input checked="" type="checkbox"/>			Grade of C		
SBS 304: Social Statistics (CS)	3	<input checked="" type="checkbox"/>			Grade of C		
Biological Foundations Course (list in DARS)	3	<input checked="" type="checkbox"/>			Grade of C		
Individual & the Family course (list in DARS)	3	<input checked="" type="checkbox"/>			Grade of C		
General Elective	3	<input type="checkbox"/>					
TERM SIX: 76 90 CREDIT HOURS							
Biological Foundations Course (list in DARS)	3	<input checked="" type="checkbox"/>			Grade of C		
Individual & the Group Course (list in DARS)	3	<input checked="" type="checkbox"/>			Grade of C		
Upper division Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>					
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>			Grade of C		
General Elective	3	<input type="checkbox"/>					
TERM SEVEN: 91 105 CREDIT HOURS							
SBS 303: Quantitative Methods	3	<input checked="" type="checkbox"/>			Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
Individual & the Group Course (list in DARS)	3	<input checked="" type="checkbox"/>			Grade of C		
Individual & the Family Course (list in DARS)	3	<input checked="" type="checkbox"/>			Grade of C		
Language & Cultures Global Awareness (G) OR Cultural Diversity (C)	3	<input checked="" type="checkbox"/>			Grade of C		
General Elective	3	<input type="checkbox"/>					
TERM EIGHT: 106 120 CREDIT HOURS							
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input checked="" type="checkbox"/>			Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
Language & Cultures Global Awareness (G) OR Cultural Diversity (C)	3	<input checked="" type="checkbox"/>			Grade of C		
Global Awareness (G) OR Cultural Diversity (C) from SBS Department	3	<input checked="" type="checkbox"/>			Grade of C		
General Elective	3	<input type="checkbox"/>					

**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)
- Composition (Comp)

**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) 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.*
    5. completion of two sequential semesters of coursework in a current computer language

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ENG 101 or 107: First-Year Composition and ENG 102 or 108: English/Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB): (PGS 101: Introduction to Psychology recommended)	3	<input type="checkbox"/>				
Humanities, Fine Arts, Design (HU)	3	<input type="checkbox"/>				
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		Grade of C		
Cultural Diversity in the US (C)	3	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
ENG 101 or 107: First-Year Composition and ENG 102 or 108: English/Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU):	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>				
Historical Awareness (H)	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete First-Year Composition by end of semester 3</li></ul>	
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>		Grade of C		
Literacy and Critical Inquiry (L):	3					
General Elective	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
SBS 300: Interdisciplinary Approaches to Social & Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>		Grade of C		
Global Awareness (G):	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
SBS 302: Qualitative Methods	3	<input checked="" type="checkbox"/>		Grade of C		
SBS 304: Social Statistics (CS)	3	<input checked="" type="checkbox"/>		Grade of C		
Biological Foundations Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Individual & the Family course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
General Elective	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
SBS 404: Social Statistics II	3	<input checked="" type="checkbox"/>		Grade of C		
Biological Foundations Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>		Grade of C		
General Elective	3	<input type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
SBS 303: Quantitative Methods	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
Biological Foundations Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Individual & the Group Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Language & Cultures Global Awareness (G) OR Cultural Diversity (C)	3	<input checked="" type="checkbox"/>		Grade of C		
General Elective	3	<input type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
Language & Cultures Global Awareness (G) OR Cultural Diversity (C)	3	<input checked="" type="checkbox"/>		Grade of C		
Global Awareness (G) OR Cultural Diversity (C) from SBS Department	3	<input checked="" type="checkbox"/>		Grade of C		
General Elective	3	<input type="checkbox"/>				

**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)
- Composition (Comp)

**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) 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.*
    5. completion of two sequential semesters of coursework in a current computer language



			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Course Subject and Title <i>(courses in bold/shading are critical)</i>	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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>			
ENG 101 or 107: First-Year Composition and ENG 102 or 108: English/Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C				
Complete 1 course from: ASB 102: Intro to Social & Cultural Anthropology (SB, G) POL 101: Political Ideologies (SB) POL 110: Government & Politics (SB) POL 160: Global Politics (SB, G) SOC 101: Introduction to Sociology (SB)	3	<input type="checkbox"/>						
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		Grade of C				
Humanities, Fine Arts, Design (HU):	3	<input type="checkbox"/>						
Historical Awareness (H)	3	<input type="checkbox"/>						
TERM TWO: 16 30 CREDIT HOURS								
ENG 101 or 107: First-Year Composition and ENG 102 or 108: English/Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C				
Humanities, Fine Arts, and Design (HU):	3	<input type="checkbox"/>						
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>						
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>		Grade of C				
General elective	3	<input type="checkbox"/>						
TERM THREE: 31 45 CREDIT HOURS								
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete First-Year Composition by end of semester 3</li></ul>			
Global Awareness (G)	3	<input type="checkbox"/>						
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>						
General Elective	3	<input type="checkbox"/>						
General Elective	3	<input type="checkbox"/>						
TERM FOUR: 46 60 CREDIT HOURS								
SBS 300: Interdisciplinary Approaches to Social & Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>		Grade of C				
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>		Grade of C				
Natural Science - Quantitative (SQ):	4	<input type="checkbox"/>						
General Elective	3	<input type="checkbox"/>						
General Elective	3	<input type="checkbox"/>						
TERM FIVE: 61 75 CREDIT HOURS								
SBS 301: Cultural Diversity (C & L or SB)	3	<input checked="" type="checkbox"/>		Grade of C				
SBS 304: Social Statistics (CS)	3	<input checked="" type="checkbox"/>		Grade of C				
Complete 1 course from: SBS 410: Topics in Identity/Difference SBS 430: Topics in Power/Knowledge (SB) SBS 450: Topics in Local/Global (SB, G)	3	<input checked="" type="checkbox"/>		Grade of C				
General Elective	3	<input type="checkbox"/>						
General Elective	3	<input type="checkbox"/>						
TERM SIX: 76 90 CREDIT HOURS								
SBS 302: Qualitative Methods or SBS 303: Quantitative Methods	3	<input checked="" type="checkbox"/>		Grade of C				
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input checked="" type="checkbox"/>		Grade of C				
Cluster Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C				
General Elective	3	<input checked="" type="checkbox"/>						
General Elective	3	<input type="checkbox"/>						
TERM SEVEN: 91 105 CREDIT HOURS								
Complete 1 additional course from: SBS 410: Topics in Identity/Difference SBS 430: Topics in Power/Knowledge (SB) SBS 450: Topics in Local/Global (SB, G)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>			
Cluster Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C				
Language & Cultures Global Awareness (G) OR Cultural Diversity (C)	3	<input checked="" type="checkbox"/>		Grade of C				
Upper division general elective	3	<input checked="" type="checkbox"/>						
General Elective	3	<input type="checkbox"/>						

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
<i>Complete remaining course from:</i> SBS 410: Topics in Identity/Difference SBS 430: Topics in Power/Knowledge (SB) SBS 450: Topics in Local/Global (SB, G)	3	<input checked="" type="checkbox"/>		Grade of C	• Language and Cultures: see Additional Notes, below
Language & Cultures Global Awareness (G) OR Cultural Diversity (C)	3	<input checked="" type="checkbox"/>		Grade of C	
Cluster Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C	
General Elective	3	<input type="checkbox"/>			

**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)
- Composition (Comp)

**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) 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.*
    5. completion of two sequential semesters of coursework in a current computer language

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ENG 101 or 107: First-Year Composition and ENG 102 or 108: English/Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Complete 1 course from: ASB 102: Intro to Social & Cultural Anthropology (SB, G) POL 101: Political Ideologies (SB) POL 110: Government & Politics (SB) POL 160: Global Politics (SB, G) SOC 101: Introduction to Sociology (SB)	3	<input type="checkbox"/>				
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts, Design (HU)	3	<input type="checkbox"/>				
Historical Awareness (H)	3	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
ENG 101 or 107: First-Year Composition and ENG 102 or 108: English/Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU):	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete First-Year Composition by end of semester 3</li></ul>	
Global Awareness (G):	3	<input type="checkbox"/>				
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
SBS 300: Interdisciplinary Approaches to Social & Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
Related Field Course work (ASB, FAS, GCU, PGS, POL, PSY, SBS, or SOC)	3	<input type="checkbox"/>				
Natural Science - Quantitative (SQ):	4	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
SBS 301: Cultural Diversity (C & L or SB)	3	<input checked="" type="checkbox"/>		Grade of C		
SBS 304: Social Statistics (CS)	3	<input checked="" type="checkbox"/>		Grade of C		
Complete 1 course from: SBS 410: Topics in Identity/Difference SBS 430: Topics in Power/Knowledge (SB) SBS 450: Topics in Local/Global (SB, G)	3	<input checked="" type="checkbox"/>		Grade of C		
General Elective	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
SBS 303: Quantitative Methods	3	<input checked="" type="checkbox"/>		Grade of C		
SBS 404: Social Statistics II (CS)	3	<input checked="" type="checkbox"/>		Grade of C		
Cluster Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
General Elective	3	<input type="checkbox"/>				
Upper division general elective	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
Complete 1 additional course from: SBS 410: Topics in Identity/Difference SBS 430: Topics in Power/Knowledge (SB) SBS 450: Topics in Local/Global (SB, G)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, below</li></ul>	
Cluster Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
Language & Cultures Global Awareness (G) OR Cultural Diversity (C)	3	<input checked="" type="checkbox"/>		Grade of C		
SBS 302: Qualitative Methods	3	<input checked="" type="checkbox"/>		Grade of C		
General Elective	3	<input type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
Complete remaining course from: SBS 410: Topics in Identity/Difference SBS 430: Topics in Power/Knowledge (SB) SBS 450: Topics in Local/Global (SB, G)	3	<input checked="" type="checkbox"/>		Grade of C	• Language and Cultures: see Additional Notes, below
Language & Cultures Global Awareness (G) OR Cultural Diversity (C):	3	<input checked="" type="checkbox"/>		Grade of C	
Cluster Course (list in DARS):	3	<input checked="" type="checkbox"/>		Grade of C	
General Elective:	3	<input type="checkbox"/>			

#### 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)
- Composition (Comp)

#### 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) 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.*
    5. completion of two sequential semesters of coursework in a current computer language

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>SOC 101: Introductory Sociology (SB)</b> <b>(transfer students take SOC 301: Principles of Sociology (SB))</b>	3	<input type="checkbox"/>		Grade of C		
Natural Science – Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Historical Awareness (H)	3	<input type="checkbox"/>				
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C		
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete math requirement</li></ul>	
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>				
Related Field course work	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li></ul>	
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Related Field course work	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>SBS 304: Social Statistics I (CS) or SOC 390: Social Statistics I (CS)</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Related Field course work	3	<input type="checkbox"/>		Grade of C		
Global Awareness (G)	3	<input type="checkbox"/>				
Cultural Diversity (C)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
SBS 302: Qualitative Methods or SBS 303: Quantitative Methods or SOC 391: Sociological Research	3	<input checked="" type="checkbox"/>		Grade of C		
Upper Division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Sociology Elective	3	<input type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
Upper Division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
Upper Division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Literacy & Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				
Language & Cultures: Global Awareness (G) or Cultural Diversity (C) <sup>1</sup>	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
SOC 486: Contemporary Theory (SB) or SOC 483: History of Social Thought (SB)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
Upper Division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Language & Cultures: Global Awareness (G) or Cultural Diversity (C) <sup>1</sup>	3	<input checked="" type="checkbox"/>		Grade of C		
Related Field course work	3	<input type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
Upper Division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Related Field course work	3	<input type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				

<sup>1</sup> 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 (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)
  - 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)
  - 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.
  - 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

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>SOC 101: Introductory Sociology (SB)</b> <b>(transfer students take SOC 301: Principles of Sociology (SB))</b>	3	<input type="checkbox"/>		Grade of C		
Natural Science – Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Historical Awareness (H)	3	<input type="checkbox"/>				
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C		
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete mathematics requirement</li></ul>	
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>				
Related Field course work	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li></ul>	
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Related Field course work	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>SBS 304: Social Statistics I (CS) or SOC 390: Social Statistics I (CS)</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Related Field course work	3	<input type="checkbox"/>		Grade of C		
Global Awareness (G)	3	<input type="checkbox"/>				
Cultural Diversity (C)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
Complete 1 course from: SBS 302: Qualitative Methods SBS 303: Quantitative Methods or SOC 391: Sociological Research (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
Complete remaining course from: SBS 302: Qualitative Methods SBS 303: Quantitative Methods or SOC 391: Sociological Research (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Literacy & Critical Inquiry (L) Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
SOC 486: Contemporary Theory (SB) or SOC 483: History of Social Thought (SB)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
Upper division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Language & Cultures: Global Awareness (G) or Cultural Diversity (C) <sup>1</sup>	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
Upper division Sociology Elective	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Language and Cultures: see Additional Notes, page 2</li></ul>	
Related Field course work	3	<input type="checkbox"/>		Grade of C		
Language & Cultures: Global Awareness (G) or Cultural Diversity (C) <sup>1</sup>	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				

<sup>1</sup> 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 (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)
  - 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)
  - 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.
  - 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



			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete First-Year Composition by end of semester 3</li><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>SPA 101: Elementary Spanish</b>	4	<input type="checkbox"/>				
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>	
<b>SPA 102: Elementary Spanish</b>	4	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
Computer Literacy (CS)	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>SPA 201: Intermediate Spanish (G)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>	
Cultural Diversity (C)	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU) or Social/Behavioral Science (SB)	3	<input type="checkbox"/>				
Natural Science-Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Literacy & Critical Inquiry (L) (Recommended: PHI 103: Principles of Sound Reasoning)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>SPA 202: Intermediate Spanish</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Maintain minimum cumulative ASU GPA of 2.00</li></ul>	
Historical Awareness (H)	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU) or Social/Behavioral Science (SB):	3	<input type="checkbox"/>				
Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>				
Elective (Global Awareness (G) if needed)	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
SPA 313: Spanish Conversation and Composition (G) <i>or</i> SPA 315: Spanish Conversation and Composition for Bilinguals	3	<input checked="" type="checkbox"/>		Grade of C		
SPA 325: Introduction to Hispanic Literature (HU)	3	<input checked="" type="checkbox"/>				
Literacy & Critical Inquiry Upper Division (L)	3	<input checked="" type="checkbox"/>				
Related Area Lower Division	2	<input type="checkbox"/>				
Related Area Lower Division	3	<input type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
SPA 314: Spanish Conversation and Composition (G) <i>or</i> SPA 316: Spanish Conversation and Composition for Bilinguals	3	<input checked="" type="checkbox"/>				
SPA 425: Spanish Literature	3	<input checked="" type="checkbox"/>				
Related Area Upper Division	3	<input checked="" type="checkbox"/>				
Related Area Lower Division	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
SPA 426: Spanish Literature (HU)	3	<input checked="" type="checkbox"/>				
SPA 412: Advanced Conversation and Composition (G)	3	<input checked="" type="checkbox"/>				
SPA 471: Civilization of the Spanish Southwest (L or HU) & C <i>or</i> SPA 472: Spanish-American Civilization (HU)	3	<input checked="" type="checkbox"/>				
SPA Elective	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
SPA 427: Spanish-American Literature <i>or</i> SPA 428: Spanish-American Literature	3	<input checked="" type="checkbox"/>				
SPA Upper Division Elective (see Department advisor)	3	<input checked="" type="checkbox"/>				
Related Area Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				

**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)
  - 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)
  - 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

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
<b>ASU 101: The ASU Experience</b>	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
MAT 142: College Mathematics (MA) (CT)	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>WST 100: Women and Society (SB,C)</b>	3	<input type="checkbox"/>		Grade of C		
Science (SQ)	4	<input type="checkbox"/>				
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Historical Awareness (H):	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
Cultural Diversity (C)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Mathematics (MA) completed</li></ul>	
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
WST Representation and Cultural Studies (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
<b>WST 350: Race, Class, and Gender (SB, C)</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Science (SQ/SG)	4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
WST Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
WST 457: Women, Cultures, and Societies (SB,G)	3	<input checked="" type="checkbox"/>		Grade of C		
WST Related Course work	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
WST 376: Feminist Theory (H & C)	3	<input checked="" type="checkbox"/>		Grade of C		
WST Global Perspective Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
WST Related Course work, Upper Division	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
WST Gender Studies Course (list in DARS)	3	<input type="checkbox"/>		Grade of C		
WST Related Course work: Upper Division	3	<input checked="" type="checkbox"/>				
WST Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
WST 498: Pro-Seminar: Theory and Method in Women’s Studies (L)	3	<input checked="" type="checkbox"/>		Grade of C		
WST Applied Women’s Studies Course Work	3	<input checked="" type="checkbox"/>				
WST Related Course work Upper Division	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				

**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)
  - 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)
  - 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

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
MAT 142: College Mathematics (MA) (CT)	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
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	<input type="checkbox"/>		Grade of C		
WST 100: Women and Society (SB,C)	3	<input type="checkbox"/>		Grade of C		
Science (SQ)	4	<input type="checkbox"/>				
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Historical Awareness (H)	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
Cultural Diversity (C)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Mathematics (MA) completed</li></ul>	
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
WST Representation and Cultural Studies (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
WST 350: Race, Class and Gender (SB, C)	3	<input checked="" type="checkbox"/>				
Science (SQ/SG)	4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
WST Elective Upper Division	3	<input checked="" type="checkbox"/>		Grade of C		
WST 457: Women, Cultures, and Societies (SB,G)	3	<input checked="" type="checkbox"/>		Grade of C		
WST Related Course work	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
WST 376: Feminist Theory (H & C)	3	<input checked="" type="checkbox"/>		Grade of C		
WST Global Perspective Course (list in DARS)	3	<input checked="" type="checkbox"/>		Grade of C		
WST Related Course work: Upper Division	3	<input checked="" type="checkbox"/>				
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
Elective Upper Division	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
WST Gender Studies Course (list in DARS)	3	<input type="checkbox"/>		Grade of C		
WST Related Course work: Upper Division	3	<input checked="" type="checkbox"/>				
WST Elective Upper Division	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
WST 498: Pro-Seminar: Theory and Method in Women’s Studies (L)	3	<input checked="" type="checkbox"/>		Grade of C		
WST Applied Women’s Studies Course Work	3	<input checked="" type="checkbox"/>		Grade of C		
WST Related Course work: Upper Division	3	<input checked="" type="checkbox"/>				
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				

**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)
  - 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)
  - 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

**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)
  - 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)
- First-Year Composition

**Additional Notes:**

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

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title <i>(courses in <b>bold/shading</b> are critical)</i>	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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.00 ASU cumulative GPA recommended</li></ul>	
<i>Complete one course from:</i> <b>BIO 201: Human Anatomy and Physiology I</b> (4 hrs) (SG) <b>MAT 142: College Mathematics or higher</b> (3 hrs) (MA) <b>NTR 241: Human Nutrition</b> (3 hrs) <b>PGS 101: Introduction to Psychology</b> (3 hrs) (SB)	4/ 3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU) with Historical (H) awareness	3	<input type="checkbox"/>				
Social Behavioral Science (SB) (EXW 100 recommended)	3	<input type="checkbox"/>				
Elective	2	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
<i>Complete two additional course from:</i> <b>BIO 201: Human Anatomy and Physiology I</b> (4 hrs) (SG) <b>BIO202: Human Anatomy and Physiology II</b> (4 hrs), <i>if BIO 201 completed</i> <b>MAT 142: College Mathematics or higher</b> (3 hrs) (MA) <b>NTR 241: Human Nutrition</b> (3 hrs) <b>PGS 101: Introduction to Psychology</b> (3 hrs) (SB)	4/ 3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.00 ASU cumulative GPA recommended</li></ul>	
	4/ 3	<input type="checkbox"/>		Grade of C		
CHM 101: Introductory Chemistry (SQ)	4	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU) with G awareness	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
<i>Complete two additional courses from:</i> <b>BIO 201: Human Anatomy and Physiology I</b> (4 hrs) (SG) <b>BIO202: Human Anatomy and Physiology II</b> (4 hrs), <i>if BIO 201 completed</i> <b>EXW 300: Foundations of Exercise and Wellness</b> (SB) <b>MAT 142: College Mathematics or higher</b> (3 hrs) (MA) <b>NTR 241: Human Nutrition</b> (3 hrs) <b>PGS 101: Introduction to Psychology</b> (3 hrs) (SB)	4/ 3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li><li>Minimum 2.00 ASU cumulative GPA recommended</li></ul>	
	4/ 3	<input type="checkbox"/>		Grade of C		
EXW 212: Instructional Competency Laboratory (Cardio, Flexibility or Strength)	2	<input type="checkbox"/>		Grade of C		
COM 225: Public Speaking (L)						
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
<i>Complete remaining courses from:</i> <b>BIO 201: Human Anatomy and Physiology I</b> (4 hrs) (SG) <b>BIO202: Human Anatomy and Physiology II</b> (4 hrs) <b>EXW 300: Foundations of Exercise and Wellness</b> (SB) <b>MAT 142: College Mathematics or higher</b> (3 hrs) (MA) <b>NTR 241: Human Nutrition</b> (3 hrs) <b>PGS 101: Introduction to Psychology</b> (3 hrs) (SB)	4/ 3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>All critical courses completed</li><li>Minimum 2.00 ASU cumulative GPA recommended</li></ul>	
	4/ 3	<input type="checkbox"/>		Grade of C		
EXW 212: Instructional Competency Laboratory (Cardio, Flexibility or Strength)	2	<input type="checkbox"/>		Grade of C		
EXW 212: Instructional Competency Laboratory (Cardio, Flexibility or Strength)	2	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
EXW 310: Computer Skills & Technology for Exercise & Wellness (CS)	3	<input checked="" type="checkbox"/>		Grade of C		
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C		
EXW 342: Health Behavior Change	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
EXW 315: Physiological Foundations of Movement	3	<input checked="" type="checkbox"/>		Grade of C		
EXW 330: Kinesiological Foundations of Movement	3	<input checked="" type="checkbox"/>		Grade of C		
EXW 400: Stress Management for Wellness	3	<input checked="" type="checkbox"/>		Grade of C		
Upper Division Elective	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				



Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
EXW 420: Exercise Testing	3	<input checked="" type="checkbox"/>		Grade of C	
EXW 425: Exercise Prescription	3	<input checked="" type="checkbox"/>		Grade of C	
EXW 450: Cultural & Social Issues in Exercise & Wellness (L or SB) & C	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division EXW Concentration Elective	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
EXW 484: Internship	6	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

**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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Recommended course: EXW 100: Introduction to Health and Wellness (elective)</li></ul>			
<b>Complete one course from:</b> <b>BIO 201: Human Anatomy and Physiology I (4 hrs) (SG)</b> <b>MAT 142: College Mathematics or higher (3 hrs) (MA)</b> <b>NTR 241: Human Nutrition (3 hrs)</b> <b>PGS 101: Introduction to Psychology (3 hrs) (SB)</b>	4/3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C				
Humanities/Fine Arts (HU) with H awareness	3	<input type="checkbox"/>						
Elective (EXW 100 recommended)	2	<input type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWO: 16 30 CREDIT HOURS								
<b>Complete two additional course from:</b> <b>BIO 201: Human Anatomy and Physiology I (4 hrs) (SG)</b> <b>BIO202: Human Anatomy and Physiology II (4 hrs), if BIO 201 completed</b> <b>MAT 142: College Mathematics or higher (3 hrs) (MA)</b> <b>NTR 241: Human Nutrition (3 hrs)</b> <b>PGS 101: Introduction to Psychology (3 hrs) (SB)</b>	4/ 3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
<b>MAT 142: College Mathematics or higher (3 hrs) (MA)</b> <b>NTR 241: Human Nutrition (3 hrs)</b> <b>PGS 101: Introduction to Psychology (3 hrs) (SB)</b>	4 /3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C				
CHM 101: Introductory Chemistry (SQ)	4	<input type="checkbox"/>						
Humanities/Fine Arts (HU) with G awareness	3	<input type="checkbox"/>						
TERM THREE: 31 45 CREDIT HOURS								
<b>Complete two additional courses from:</b> <b>BIO 201: Human Anatomy and Physiology I (4 hrs) (SG)</b> <b>BIO202: Human Anatomy and Physiology II (4 hrs), if BIO 201 completed</b> <b>EXW 300: Foundations of Exercise and Wellness (SB)</b> <b>MAT 142: College Mathematics or higher (3 hrs) (MA)</b> <b>NTR 241: Human Nutrition (3 hrs)</b> <b>PGS 101: Introduction to Psychology (3 hrs) (SB)</b>	4/ 3	<input type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
<b>EXW 300: Foundations of Exercise and Wellness (SB)</b> <b>MAT 142: College Mathematics or higher (3 hrs) (MA)</b> <b>NTR 241: Human Nutrition (3 hrs)</b> <b>PGS 101: Introduction to Psychology (3 hrs) (SB)</b>	4 /3	<input type="checkbox"/>		Grade of C				
COM 225: Public Speaking (3 hrs) (L)	3	<input type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM FOUR: 46 60 CREDIT HOURS								
<b>Complete remaining courses from:</b> <b>BIO 201: Human Anatomy and Physiology I (4 hrs) (SG)</b> <b>BIO202: Human Anatomy and Physiology II (4 hrs)</b> <b>EXW 300: Foundations of Exercise and Wellness (SB)</b> <b>MAT 142: College Mathematics or higher (3 hrs) (MA)</b> <b>NTR 241: Human Nutrition (3 hrs)</b> <b>PGS 101: Introduction to Psychology (3 hrs) (SB)</b>	4/3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 325: Fitness for Life	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division EXW Concentration Elective	3	<input checked="" type="checkbox"/>		Grade of C				
Elective	3	<input type="checkbox"/>						
TERM FIVE: 61 75 CREDIT HOURS								
EXW 310: Computer Skills & Technology for Exercise & Wellness (CS)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 342: Health Behavior Change	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 400: Stress Management for Wellness	3	<input checked="" type="checkbox"/>		Grade of C				
Elective	3	<input type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM SIX: 76 90 CREDIT HOURS								
EXW 442: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM SEVEN: 91 99 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM EIGHT: 100 108 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM NINE: 109 117 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TEN: 118 126 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM ELEVEN: 127 135 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWELVE: 136 144 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTEEN: 145 153 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM FOURTEEN: 154 162 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM FIFTEEN: 163 171 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM SIXTEEN: 172 180 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM SEVENTEEN: 181 189 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM EIGHTEEN: 190 198 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM NINETEEN: 199 207 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY: 208 216 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY-ONE: 217 225 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY-TWO: 226 234 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY-THREE: 235 243 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY-FOUR: 244 252 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY-FIVE: 253 261 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY-SIX: 262 270 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY-SEVEN: 271 279 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY-EIGHT: 280 288 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM TWENTY-NINE: 289 297 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTY: 298 306 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTY-ONE: 307 315 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTY-TWO: 316 324 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTY-THREE: 325 333 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTY-FOUR: 334 342 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTY-FIVE: 343 351 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTY-SIX: 352 360 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTY-SEVEN: 361 369 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				
Upper Division Elective	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THIRTY-EIGHT: 370 378 CREDIT HOURS								
EXW 443: Physical Activity in Health and Disease (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C				
EXW 320: Program Development and Leadership	3	<input checked="" type="checkbox"/>		Grade of C				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
EXW 346: Health Promotion and Program Evaluation	3	<input checked="" type="checkbox"/>		Grade of C	
EXW 444: Epidemiology	3	<input checked="" type="checkbox"/>		Grade of C	
EXW 450: Cultural & Social Issues in Exercise & Wellness (L or SB) & C	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
EXW 484: Internship	6	<input checked="" type="checkbox"/>		Grade of C	
Upper division Elective	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

**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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Unified Placement Test score determines placement in Mathematics course</li><li>Minimum 2.75 minimum cumulative GPA in all critical courses</li><li>Complete First-Year Composition by end of term 3</li><li>Complete MAT 142 by end of term 3</li></ul>
Complete one course from: CHM 101: Introductory Chemistry (SQ) BIO 201: Human Anatomy & Physiology I (SG)	4	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C	
Complete one course from: CDE 232: Human Development (SB) HCR 220: Healthcare Organizations (H) HCR 230: Culture and Health (C, G) PGS 101: Introduction to Psychology (SB)	3	<input type="checkbox"/>		Grade of C	
TERM TWO: 16 30 CREDIT HOURS					
Complete one additional course from: CHM 101: Introductory Chemistry (SQ) BIO 201: Human Anatomy Physiology I (SG) BIO 202: Human Anatomy & Physiology II MIC 205: Microbiology & MIC 206: Microbiology Lab	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.75 minimum cumulative GPA in all critical courses</li><li>Complete First-Year Composition by end of term 3</li><li>Complete MAT 142 by end of term 3</li></ul>
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
Complete two (2) additional courses from: CDE 232: Human Development (SB) HCR 220: Healthcare Organizations (H) HCR 230: Culture and Health (C, G) NTR 241: Human Nutrition (if CHM 101 completed) PGS 101: Introduction to Psychology (SB) Any 3 credit hour Elective	3	<input type="checkbox"/>		Grade of C	
Complete 1 course from: Humanities, Fine Arts & Design (HU) OR Social Behavioral Science (SB)	3	<input type="checkbox"/>		Grade of C	
TERM THREE: 31 45 CREDIT HOURS					
Complete remaining course from: CHM 101: Introductory Chemistry (SQ) or BIO 201: Human Anatomy Physiology I (SG) or BIO 202: Human Anatomy & Physiology II MIC 205: Microbiology & MIC 206: Microbiology Lab	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 3.25 minimum cumulative GPA in all critical courses</li><li>Complete First-Year Composition by end of term 3</li><li>Complete MAT 142 by end of term 3</li><li>Submit materials for advancement review - recommended</li></ul>
Complete one (1) additional course from: CDE 232: Human Development (SB) HCR 210: Clinical Healthcare Ethics (HU) HCR 220: Healthcare Organizations (H) HCR 230: Culture and Health (C, G) NTR 241: Human Nutrition PGS 101: Introduction to Psychology (SB) Any 3 credit hour Elective	3	<input type="checkbox"/>		Grade of C	
Statistics (CS) course	3	<input type="checkbox"/>		Grade of C	
TERM FOUR: 46 60 CREDIT HOURS					
HCR 240: Human Pathophysiology	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 3.25 minimum cumulative GPA in all critical courses</li><li>Successful completion of requirements for advancement to upper division Nursing program (see details in Additional Notes below)</li></ul>
Complete three (3) remaining courses from: CDE 232: Human Development (SB) HCR 210: Clinical Healthcare Ethics HCR 220: Healthcare Organizations (H) HCR 230: Culture and Health (C, G) NTR 241: Human Nutrition PGS 101: Introduction to Psychology (SB) Any 3 credit hour Elective	3	<input type="checkbox"/>		Grade of C	
	3	<input type="checkbox"/>		Grade of C	
	3	<input type="checkbox"/>		Grade of C	

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERMS FIVE EIGHT: 65 120 CREDIT HOURS</b>					

The upper division Nursing program is currently undergoing revisions. An updated major map including Terms 5-8 will be posted as soon as possible.

**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)
  - 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:**

Advancement to upper division nursing program:

In order to advance into the upper division Nursing program, students must submit the following materials by the deadline

- 13 of 17 critical courses completed with minimum grades of C
- Earn at least a .65 in mathematics and at least a .60 in reading on Nurses Entrance Test (NET)
- Signed “Essential Functional Abilities of the Undergraduate Nursing Student”
- Signed “Academic Responsibility and Advancement Disclaimer”
- Signed “Consent to Release Health and Immunization Information”
- Proof of unrestricted, unexpired fingerprint clearance card
- Proof of Measles, Mumps, and Rubella immunity
- Proof of a Tetanus/Diphtheria (Td) vaccine within the past ten (10) years
- Proof of Varicella immunity (Chicken Pox)
- Proof of a current negative TB (tuberculosis) skin test. If the skin test is positive, proof of follow-up treatment
- Proof of Hepatitis B immunity.

All students meeting the minimum critical and milestone requirements outlined above will be assigned an Advancement Score reflecting the sum of the Critical Course GPA and the scores on the 2 parts of the NET. Due to clinical space limitations, not all students meeting the minimum qualifications will secure a space in the Upper Division Nursing Program. Those who do not secure a space must meet with their academic advisor to discuss academic options.

Upon notification of successful advancement to the Upper Division Nursing program, students must submit the following to remain eligible:

- All transfer coursework must be received and posted by the ASU Registrar’s Office
- Proof of Level C CPR card
- Proof of fingerprint clearance card
- Proof of a negative drug screen
- Proof of completion of 3 inoculations of Hepatitis B.
- Proof of health exam and functional abilities

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>CHM 101 or 113 depending on preparation; see course description</li><li>Minimum grade of “C” required in all critical courses</li><li>*Minimum grade of “C” required for Didactic Program in Dietetics (DPD) verification statement</li></ul>	
CHM 113: General Chemistry I (SQ) or Take pre-req- CHM 101: Introductory Chemistry (SQ) – depending on preparation	4	<input type="checkbox"/>		Grade of C in CHM 113		
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
*PGS 101: Introduction to Psychology (SB)	3	<input type="checkbox"/>		*		
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>				
NTR 150: Introduction to the Professions in Nutrition and Dietetics	1	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
*CHM 113: General Chemistry I (SQ) OR if completed, take *CHM 116: General Chemistry II	4	<input type="checkbox"/>		*	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li></ul>	
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>NTR 241: Human Nutrition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>First-year composition completed</li><li>Minimum grade of “C” required in all critical courses</li><li>*Minimum grade of “C” required for Didactic Program in Dietetics (DPD) verification statement</li></ul>	
<b>BIO 201: Human Anatomy and Physiology I</b>	4	<input type="checkbox"/>		Grade of C		
*NTR 351: Nutrition & Health Communication OR *ENG 301: Writing for Professions (L) OR *TWC 301: General Principles of Multimedia Writing (L)	3	<input checked="" type="checkbox"/>		*		
*CHM 116: General Chemistry II or if completed, take Elective	4	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
*NTR 142: Applied Food Principles	3	<input type="checkbox"/>		*	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical requirement courses</li><li>*Minimum grade of “C” required for Didactic Program in Dietetics (DPD) verification statement</li><li>Completed critical courses with minimum C grade (BIO 201; CHM 113, NTR 241)</li></ul>	
*BIO 202: Human Anatomy and Physiology II	4	<input type="checkbox"/>		*		
*Statistics (CS)	3	<input type="checkbox"/>		*		
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
*CHM 231: Organic Chemistry AND CHM 235: Organic Chem Lab	3/1	<input type="checkbox"/>		*	<ul style="list-style-type: none"><li>*Minimum grade of “C” required for Didactic Program in Dietetics (DPD) verification statement</li></ul>	
*MIC 205: Microbiology AND MIC 206: Microbiology Lab	3/1	<input type="checkbox"/>		*		
NTR 341: Introduction to Planning Therapeutic Diets	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 343: Food Service Purchasing	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 344: Nutrition Services Management (L)	3	<input checked="" type="checkbox"/>		Grade of C		
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
BCH 361: Biochemistry AND BCH 367: Biochemistry Lab	3/1	<input checked="" type="checkbox"/>		Grade of C		
NTR 340: Applications in Human Nutrition	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 444: Medical Nutrition Therapy	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 350: Nutrition Counseling (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
NTR 440: Advanced Human Nutrition I	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 445: Management of Food Service Systems	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 448: Community Nutrition (L)	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 450: Nutrition in the Life Cycle I (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
Elective:	3	<input type="checkbox"/>				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
NTR 400: Professional Practice in Dietetics	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 441: Advanced Human Nutrition II	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 446: Human Nutrition Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				

**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)
  - 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)
- First-Year Composition

**Additional Notes:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum grade of “C” required in all critical courses</li></ul>	
<b>CHM 101: Introductory Chemistry (SQ) OR</b> MAT 142: College Mathematics (MA)	3 or 4	<input type="checkbox"/>		Grade of C in CHM 101		
<b>ENG 101 and 102: First-Year Composition OR</b> <b>ENG 107 and 108: English for Foreign Students OR</b> <b>ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
PGS 101: Intro Psychology (SB)	3					
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
NTR 150: Introduction to Professions in Nutrition and Dietetics OR Elective	1	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
<b>ENG 101 and 102: First-Year Composition OR</b> <b>ENG 107 and 108: English for Foreign Students OR</b> <b>ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li></ul>	
Complete remaining course from: <b>CHM 101: Introductory Chemistry (SQ) OR</b> MAT 142: College Mathematics (MA)	3 or 4	<input type="checkbox"/>		Grade of C in CHM 101		
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
<b>NTR 100: Introductory Nutrition OR</b> <b>NTR 241: Human Nutrition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li><li>Completed First-Year Composition Requirement</li></ul>	
MIC 205: Microbiology AND MIC 206: Microbiology Lab (SG)	3/1	<input type="checkbox"/>				
Upper division Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	2	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
<b>NTR 142: Applied Food Principles</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li><li>Remaining critical requirement courses completed with a grade of C or better (CHM 101, NTR 100 or 241 and NTR 142)</li></ul>	
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
NTR 345: Development of Healthy Cuisines	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li></ul>	
NTR 344: Nutrition Services Management (L)	3	<input checked="" type="checkbox"/>		Grade of C		
BUA 381: Small Business Accounting and Finance	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
Upper division Elective	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li></ul>	
NTR 300: Computer Applications to Nutrition (CS)	3	<input checked="" type="checkbox"/>		Grade of C		
ENG 301: Writing for Professions (L) OR TWC 301: General Principles of Multimedia Writing (L)	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
NTR 343: Food Service Purchasing	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li></ul>	
NTR 351: Nutrition & Health Communication	3	<input checked="" type="checkbox"/>		Grade of C		
Complete one management course from: BUA 380: Small Business Leadership BUS 301: Fundamentals of Management & Communication MGT 300: Organization & Management Leadership MGT 380: Management & Strategy for Nonmajors MGT 394: Special Topics	3	<input checked="" type="checkbox"/>				
Upper division Elective	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				



Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
NTR 401: Professional Practice in Food Management	3	<input checked="" type="checkbox"/>		Grade of C	
NTR 445: Management of Food Service System	3	<input checked="" type="checkbox"/>		Grade of C	
Complete one marketing course from: BUA 382: Small Business Sales & Market Development MKT 300: Marketing & Business Performance MKT 394: Special Topics	3	<input checked="" type="checkbox"/>			
NTR 442: Experimental Foods	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			

**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)
  - 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)
- First-Year Composition

**Additional Notes:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title <i>(courses in bold/shading are critical)</i>	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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>CHM 101 or 113 depending on preparation; see course description</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum grade of “C” required in all critical courses</li></ul>	
CHM 113: General Chemistry I (SQ) or Take pre-req - CHM 101: Introductory Chemistry (SQ) – depending on preparation	4	<input type="checkbox"/>		Grade of C in CHM 113		
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>				
NTR 150: Introduction to the Professions in Nutrition and Dietetics or Elective	1	<input type="checkbox"/>				
Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
TERM TWO: 16 31 CREDIT HOURS						
CHM 113: General Chemistry I (SQ) OR if completed, take CHM 116: General Chemistry II	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li></ul>	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM THREE: 32 47 CREDIT HOURS						
NTR 241: Human Nutrition	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li><li>First-year composition requirement completed</li></ul>	
CHM 116 General Chemistry II or If CHM 113 & 116 are completed take: CHM 231: Elementary Organic Chemistry AND CHM 235 Lab	4 or 3/1	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Social & Behavioral Sciences (SB)	3	<input type="checkbox"/>				
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
TERM FOUR: 48 63 CREDIT HOURS						
BIO 201: Human Anatomy and Physiology I (SG)	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li><li>Completed critical requirement courses (CHM 113; BIO 201; NTR 241)</li></ul>	
CHM 231: Elementary Organic Chemistry (3) AND CHM 235 Lab (1) or if CHM 231/235 are completed take: Elective (3)	3/1 or 3	<input type="checkbox"/>				
NTR 142: Applied Food Principles	3	<input type="checkbox"/>				
Computer/Statistics/Quantitative applications (CS) (NTR 300: Computer Applications in Nutrition recommended)	3	<input type="checkbox"/>				
Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>				
TERM FIVE: 64 79 CREDIT HOURS						
BIO 202: Human Anatomy and Physiology II	4	<input type="checkbox"/>				
NTR 341: Introduction to Planning Therapeutic Diets	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 450: Nutrition in the Life Cycle I	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Literacy & Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM SIX: 80 92 CREDIT HOURS						
BCH 361: Principles of Biochemistry AND BCH 367: Laboratory	3/1	<input checked="" type="checkbox"/>		Grade of C		
NTR 340: Applications in Human Nutrition	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 444: Medical Nutrition Therapy	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Elective	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 93 105 CREDIT HOURS						
NTR 440: Advanced Human Nutrition I	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 346: Sports Nutrition	3	<input checked="" type="checkbox"/>		Grade of C		
MIC 205: Microbiology AND MIC 206: Microbiology Lab	3/1	<input type="checkbox"/>				
Upper division Elective	3	<input checked="" type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
NTR 441: Advanced Human Nutrition II	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 446: Human Nutrition Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Elective	3	<input checked="" type="checkbox"/>				
Upper division Elective	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				

**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)
  - 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)
- First-Year Composition

**Additional Notes:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum grade of “C” required in all critical courses</li></ul>	
Complete 1 course from: <b>CHM 101: Introductory Chemistry (SQ)</b> OR MAT 142: College Mathematics (MA)	3 or 4	<input type="checkbox"/>		Grade of C in CHM 101		
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
Social & Behavioral Sciences (SB) AND Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
NTR 150: Introduction to the Professions in Nutrition and Dietetics OR Elective	1	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>MCO 120: Media and Society (SB)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li></ul>	
Complete remaining course from: <b>CHM 101: Introductory Chemistry (SQ)</b> OR MAT 142: College Mathematics (MA)	3 or 4	<input type="checkbox"/>		Grade of C in CHM 101		
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU) AND Historical Awareness (H)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>NTR 100: Introduction to Nutrition OR NTR 241: Human Nutrition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li><li>First-year composition completed</li></ul>	
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
NTR 142: Applied Food Principles	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Minimum grade of “C” required in all critical courses</li><li>Completed critical requirement courses with a minimum grade of C: CHM 101; MCO 120; NTR 100 or 241</li></ul>	
MCO 240: Media Issues in American Pop Culture OR MCO 418 History of Mass Communication	3	<input type="checkbox"/>				
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	1	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
BIO 201: Human Anatomy and Physiology I (SG)	4	<input type="checkbox"/>				
NTR 320: History of Human Nutrition	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 345: Development of Healthy Cuisines	3	<input checked="" type="checkbox"/>		Grade of C		
ENG 301: Writing for the Professions (L)	3	<input checked="" type="checkbox"/>				
Upper Division Elective	3	<input checked="" type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
NTR 348: Cultural Aspects of Food (SB, C)	3	<input checked="" type="checkbox"/>		Grade of C		
NTR 300: Computer Applications in Nutrition (CS)	3	<input checked="" type="checkbox"/>		Grade of C		
BIO 202: Human Anatomy and Physiology II	4	<input type="checkbox"/>				
Complete one course from: MCO 200: Intro to Electronic Media MCO 240: Media Issues in American Pop Culture (if not already completed) MCO 418: History of Mass Communication (if not already completed) MCO 430: International Mass Communication MCO 435: Emerging Media Technologies MCO 440: Applied Media Research MCO 450: Visual Communication MCO 460: Race, Gender & Media MCO 494: Special Topics	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
NTR 351: Nutrition & Health Communications	3	<input checked="" type="checkbox"/>		Grade of C	
NTR 450: Nutrition in the Life Cycle I	3	<input checked="" type="checkbox"/>		Grade of C	
MCO 498: PS: Media Analysis Senior Seminar	3	<input checked="" type="checkbox"/>		Grade of C	
Complete one additional course from: MCO 418: History of Mass Communication MCO 430: International Mass Communication MCO 435: Emerging Media Technologies MCO 440: Applied Media Research MCO 450: Visual Communication MCO 460: Race, Gender & Media MCO 494: Special Topics	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
NTR 448: Community Nutrition (L)	3	<input checked="" type="checkbox"/>		Grade of C	
NTR 401: Professional Practice in Food Management	3	<input checked="" type="checkbox"/>		Grade of C	
NTR 494: ST: Nutrition in the Media	3	<input checked="" type="checkbox"/>		Grade of C	
Complete one additional course from: MCO 418: History of Mass Communication MCO 430: International Mass Communication MCO 435: Emerging Media Technologies MCO 440: Applied Media Research MCO 450: Visual Communication MCO 460: Race, Gender & Media MCO 494: Special Topics	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division elective	3	<input checked="" type="checkbox"/>			

**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)
  - 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)
- First-Year Composition

**Additional Notes:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0 15 CREDIT HOURS						
CRJ 100: The Justice System (SB)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete Mathematics (MA) by end of semester 2</li><li>Complete First-Year Composition by end of semester 3</li><li>Minimum cumulative ASU 2.0 GPA</li></ul>	
ASU 101: The ASU Experience	1	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU)	3	<input type="checkbox"/>				
Social/Behavioral Science (SB) with Awareness Area (G, or H)	3	<input type="checkbox"/>				
Natural Science General (SG) or Quantitative (SQ)	4	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
MAT 142: College Mathematics/or higher (MA)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>MAT 142 (MA) or higher completed.</li><li>Minimum cumulative ASU 2.0 GPA</li></ul>	
CRJ 230: The Police Function	3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
Public Programs interdisciplinary requirement-Complete 1 course from: PRM 120:Leisure & the Quality of Life (SB) SWU 171: Introduction to Social Work (SB, H) URB 100: Intro to Urban & Metropolitan Studies (C)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
CRJ 240: The Correctional Function	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum cumulative ASU 2.0 GPA</li></ul>	
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>				
Humanities/Fine Arts (HU) with Awareness Area (G, or H)	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
CRJ 303: Statistical Analysis (CS)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum cumulative ASU 2.0 GPA</li></ul>	
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
CRJ 302: Research Methods	3	<input checked="" type="checkbox"/>				
CRJ 304: Criminology	3	<input checked="" type="checkbox"/>				
Upper division Humanities/Fine Arts (HU) or Social/Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				
Upper division Related Field	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
CRJ 305: Women, Crime, and Justice (C)	3	<input checked="" type="checkbox"/>				
Upper division Literacy & Critical Inquiry (L) (CRJ 470: Discretionary Justice (L) strongly recommended)	3	<input checked="" type="checkbox"/>				
CRJ 300 level Elective	3	<input checked="" type="checkbox"/>				
CRJ 300 level Elective	3	<input checked="" type="checkbox"/>				
CRJ 300 level Elective	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
CRJ 306: Race, Ethnicity, and Justice (C)	3	<input checked="" type="checkbox"/>				
CRJ 400 level Elective	3	<input checked="" type="checkbox"/>				
Upper division Related Field	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
CRJ 400 level Elective	3	<input checked="" type="checkbox"/>				
CRJ 400 level Elective	3	<input checked="" type="checkbox"/>				
CRJ 400 level Elective	3	<input checked="" type="checkbox"/>				
CRJ 485: Student Assessment	0	<input type="checkbox"/>				
Elective Courses	3	<input type="checkbox"/>				

**Graduation Requirements Summary:**

Total Hours (120)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Major GPA (2.50 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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

*Public Programs interdisciplinary requirement (must complete 3 courses from the following):*

- Complete one course from:
  - PRM 120:Leisure & the Quality of Life (SB)
  - SWU 171: Introduction to Social Work (SB, H)
  - URB 100: Intro to Urban & Metropolitan Studies (C)
- Complete two courses from:
  - PAF 410: Building Leadership Skills (SB)
  - PAF 411: Leadership & Change (SB)
  - PRM 120:Leisure & the Quality of Life (SB) – if not already completed
  - PRM 380: Wilderness & Parks in America (SB, H)
  - SWU 171: Introduction to Social Work (SB, H) – if not already completed
  - SWU 295: Foundations of Social Work Practice (SB, C)
  - SWU 321: Statistics for Social Workers (CS)
  - SWU 402: Human Behavior in the Social Environment II (SB)
  - URB 100: Intro to Urban & Metropolitan Studies (C) – if not already completed
  - URB 240: Urban Policy (C)

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> 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						
NLM 160: Voluntary Action and Community Leadership	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>MAT course must be completed by end of term 3</li><li>MILESTONE: Recommend meeting with advisor to discuss career field experience requirement</li></ul>	
SOC 101: Introductory Sociology (SB)	3	<input type="checkbox"/>		Grade of C		
ASU 101: The ASU Experience	1	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition						
ENG 105: Advanced First-Year Composition						
ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement-Complete 1 course from: CRJ 100: The Justice System (SB) SWU 171: Introduction to Social Work (SB, H)	3	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
NLM 210: Community Services and Profession	3	<input type="checkbox"/>		Grade of C		
ENG 101 or 102: First-Year Composition						
ENG 105: Advanced First-Year Composition						
ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Computer/Statistics/Quantitative (CS)	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
COM 225: Public Speaking (L)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>First-year composition requirement completed</li><li>MAT 142 (MA requirement) completed</li></ul>	
NLM 301: Sustainable Communities	3	<input type="checkbox"/>		Grade of C		
Science Quantitative (SQ) or Science General (SG)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
NLM 220: Introduction to Nonprofit Organizations	3	<input type="checkbox"/>		Grade of C		
NLM 302: Inclusive Community Development	3	<input checked="" type="checkbox"/>		Grade of C		
NLM Related Area course (select course from list in additional notes below)	3	<input type="checkbox"/>		Grade of C		
PRM 303: Program Planning (L)	3	<input checked="" type="checkbox"/>				
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
NLM 300: Fund Raising and Resource Development	3	<input checked="" type="checkbox"/>		Grade of C		
NLM 410: Social Entrepreneurship	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division NLM Related Area course (select course from list in additional notes below)	3	<input checked="" type="checkbox"/>		Grade of C		
NLM Related Area course (select course from list in additional notes below)	3	<input type="checkbox"/>		Grade of C		
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
NLM 310: Volunteer Management	3	<input checked="" type="checkbox"/>		Grade of C		
NLM 430: Managing Nonprofit Organizations	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division NLM Related Area course (select course from list in additional notes below)	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
NLM 402: Assessment and Evaluation of Community Services	3	<input checked="" type="checkbox"/>		Grade of C		
NLM 403: Pre-Internship Workshop	1	<input checked="" type="checkbox"/>		Grade of C		
Upper division Elective	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	2	<input type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
NLM 463: Senior Internship	12	<input checked="" type="checkbox"/>		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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

*Public Programs interdisciplinary requirement (must complete 3 courses from the following):*

- Complete one course from:
  - CRJ 100: The Justice System (SB)
  - SWU 171: Introduction to Social Work (SB, H)
- Complete two courses from:
  - CRJ 100: The Justice System (SB) – if not already completed
  - CRJ 303: Statistical Analysis (CS)
  - CRJ 305: Women, Crime & Justice (C)
  - CRJ: 306: Race, Ethnicity & Justice (C)
  - CRJ 350: Law & Social Control (SB)
  - CRJ 470: Discretionary Justice (SB)
  - PAF 410: Building Leadership Skills (SB)
  - PAF 411: Leadership & Change (SB)
  - SWU 171: Introduction to Social Work (SB, H) – if not already completed
  - SWU 295: Foundations of Social Work Practice (SB, C)
  - SWU 321: Statistics for Social Workers (CS)
  - SWU 402: Human Behavior in the Social Environment II (SB)
  - URB 100: Intro to Urban & Metropolitan Studies (C)
  - URB 240: Urban Policy (C)

*NLM Related Area (must complete 4 courses (12 hours) 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 341: Modern Social Problems (SB)
- TDM 448: Heritage & Cultural Tourism

**Major Map: Parks & Recreation Management –  
Bachelor of Science (B.S.)**

College of Public Programs, Downtown Phoenix Campus  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>MAT course must be completed by end of semester 3</li><li>MILESTONE – Recommend meeting with advisor to discuss career field experience requirement</li></ul>	
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
PRM 120: Leisure and the Quality of Life (SB)	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement-Complete 1 course from: CRJ 100: The Justice System (SB) SWU 171: Introduction to Social Work (SB, H) URB 100: Intro to Urban & Metropolitan Studies (C)	3	<input type="checkbox"/>				
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	<input type="checkbox"/>		Grade of C		
PRM 210: Community Services and Professions	3	<input type="checkbox"/>		Grade of C		
Computer/statistics/quantitative applications (CS)	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
COM 225: Public Speaking (L)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completion of First-Year Composition requirement (ENG 101/107 AND ENG 102/108 or ENG 105) with minimum grades of C</li><li>Completion of MAT 142 or higher with a minimum grade of C</li></ul>	
PRM 301: Sustainable Communities	3	<input checked="" type="checkbox"/>		Grade of C		
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
Global Awareness (G)	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
PRM 302: Inclusive Community Development (C)	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 303: Program Planning (L)	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 380: Wilderness & Parks in America (SB, H)	3	<input checked="" type="checkbox"/>		Grade of C		
PRM Related Area	3	<input type="checkbox"/>		Grade of C		
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
PRM 304: Recreation Planning and Facility Development	3	<input checked="" type="checkbox"/>		Grade of C		
PRM Related Area	3	<input type="checkbox"/>		Grade of C		
PRM Related Area	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Upper division Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB)	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
PRM 401: Management of Parks and Recreation Services	3	<input checked="" type="checkbox"/>		Grade of C		
PRM Related Area	3	<input type="checkbox"/>		Grade of C		
PRM Related Area	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Elective	3	<input checked="" type="checkbox"/>				
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
PRM 402: Assessment and Evaluation of Community Services	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 403: Pre-Internship Workshop	1	<input checked="" type="checkbox"/>		Grade of C		
PRM Related Area	3	<input type="checkbox"/>		Grade of C		
PRM Related Area	3	<input type="checkbox"/>		Grade of C		
Upper division Elective	3	<input checked="" type="checkbox"/>				
Upper division Elective	2	<input checked="" type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
PRM 463: Senior Internship	12	<input checked="" type="checkbox"/>		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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

*Public Programs interdisciplinary requirement (must complete 3 courses from the following):*

- Complete one course from:
  - CRJ 100: The Justice System (SB)
  - SWU 171: Introduction to Social Work (SB, H)
  - URB 100: Intro to Urban & Metropolitan Studies (C)
- Complete two courses from:
  - CRJ 100: The Justice System (SB) – if not already completed
  - CRJ 303: Statistical Analysis (CS)
  - CRJ 305: Women, Crime & Justice (C)
  - CRJ: 306: Race, Ethnicity & Justice (C)
  - CRJ 350: Law & Social Control (SB)
  - CRJ 470: Discretionary Justice (SB)
  - PAF 410: Building Leadership Skills (SB)
  - PAF 411: Leadership & Change (SB)
  - SWU 171: Introduction to Social Work (SB, H) – if not already completed
  - SWU 295: Foundations of Social Work Practice (SB, C)
  - SWU 321: Statistics for Social Workers (CS)
  - SWU 402: Human Behavior in the Social Environment II (SB)
  - URB 100: Intro to Urban & Metropolitan Studies (C) – if not already completed
  - URB 240: Urban Policy (C)

*PRM Related Area (must complete 7 classes (21 credits) from the following):*

*3 classes must be completed from COMM REC or NAT REC*

- Comm Rec
  - PRM 315: Community Recreation Systems
  - PRM 368: Sports Management
  - PRM 475: Entrepreneurial Recreation & Tourism
- Nat Rec:
  - BIO 319: Environmental Science (non majors) (G)
  - PRM 370: Natural Resource Recreation Planning & Management
  - PRM 470: Environmental Interpretation & Education
  - TDM 480: Nature Based Tourism
- PRM Electives
  - NLM 300: Fundraising and Resource Management
  - NLM 310: Volunteer Management
  - PGS 350: Social Psychology
  - PRM 150: Outdoor Pursuits
  - PRM 340: Outdoor Survival
  - PUP 301: Intro to Urban Planning (L)
  - TDM 205: Intro to Travel & Tourism (G)
  - TDM 350: Tourism Marketing

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum cumulative ASU 2.0 GPA</li><li>MILESTONE –Recommended meeting with advisor to discuss human services experience requirement.</li></ul>			
<b>Complete two courses from:</b> <ul style="list-style-type: none"><li>ECN 211: Macroeconomics Principles (or SWU 194: Economic Social Issues Perspective)</li><li>PGS 101: Introduction to Psychology (SB) (or SOC 101: Introduction to Sociology (SB) )</li><li>PHI 101: Introduction to Philosophy (HU) (or 105: Introduction to Ethics or 306: Applied Ethics (HU)</li><li>SWU 171: Intro to Social Work (SB, H)</li><li>SWU 291: Social Service Delivery Systems</li><li>SWU 295: Foundations of Social Work Practice (SB, C)</li></ul>	3	<input type="checkbox"/>		Grade of C in SWU 171, 291, 295				
	3	<input type="checkbox"/>		Grade of C in SWU 171, 291, 295				
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C				
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>						
Public Programs interdisciplinary requirement/Complete 1 course from: CRJ 100: The Justice System (SB) PRM 120: Leisure & the Quality of Life (SB) URB 100: Intro to Urban & Metropolitan Studies (C)	3	<input type="checkbox"/>						
TERM TWO: 16 30 CREDIT HOURS								
<b>Complete two additional courses from:</b> <ul style="list-style-type: none"><li>ECN 211: Macroeconomics Principles (or SWU 194: Economic Social Issues Perspective)</li><li>PGS 101: Introduction to Psychology (SB) (or SOC 101: Introduction to Sociology (SB) )</li><li>PHI 101: Introduction to Philosophy (HU) (or 105: Introduction to Ethics or 306: Applied Ethics (HU)</li><li>SWU 171: Intro to Social Work (SB, H)</li><li>SWU 291: Social Service Delivery Systems</li><li>SWU 295: Foundations of Social Work Practice (SB, C)</li><li>SWU 303: Human Behavior in the Social Environment (L)</li></ul>	3	<input type="checkbox"/>		Grade of C in SWU 171, 291, 295, 303	<ul style="list-style-type: none"><li>Minimum cumulative ASU 2.0 GPA</li></ul>			
	3	<input type="checkbox"/>		Grade of C in SWU 171, 291, 295, 303				
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C				
Approved non-English or Sign Language sequence or cultural diversity sequence (See Advisor for course list)	4	<input type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
TERM THREE: 31 45 CREDIT HOURS								
<b>Complete one additional course from:</b> <ul style="list-style-type: none"><li>ECN 211: Macroeconomics Principles (or SWU 194: Economic Social Issues Perspective)</li><li>PGS 101: Introduction to Psychology (SB) (or SOC 101: Introduction to Sociology (SB) )</li><li>PHI 101: Introduction to Philosophy (HU) (or 105: Introduction to Ethics or 306: Applied Ethics (HU)</li><li>SWU 171: Intro to Social Work (SB, H)</li><li>SWU 291: Social Service Delivery Systems</li><li>SWU 295: Foundations of Social Work Practice (SB, C)</li><li>SWU 303: Human Behavior in the Social Environment (L)</li></ul>	3	<input type="checkbox"/>		Grade of C in SWU 171, 291, 295, 303	<ul style="list-style-type: none"><li>Completion of MAT 142 (or higher) by end of term 3</li><li>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</li><li>Minimum cumulative ASU 2.0 GPA</li><li>Minimum 2.75 cumulative GPA recommended for SWU 171, 291, 295, 303, and 310.</li></ul>			
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>						
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>						
Approved non-English or Sign Language sequence or cultural diversity sequence (See Advisor for course list), or if completed, take Elective	4	<input type="checkbox"/>						
TERM FOUR: 46 60 CREDIT HOURS								
<b>Complete one additional course from:</b> <ul style="list-style-type: none"><li>ECN 211: Macroeconomics Principles (or SWU 194: Economic Social Issues Perspective)</li><li>PGS 101: Introduction to Psychology (SB) (or SOC 101: Introduction to Sociology (SB) )</li><li>PHI 101: Introduction to Philosophy (HU) (or 105: Introduction to Ethics or 306: Applied Ethics (HU)</li><li>SWU 171: Intro to Social Work (SB, H)</li><li>SWU 291: Social Service Delivery Systems</li><li>SWU 295: Foundations of Social Work Practice (SB, C)</li><li>SWU 303: Human Behavior in the Social Environment (L)</li></ul>	3	<input type="checkbox"/>		Grade of C in SWU 171, 291, 295, 303			<ul style="list-style-type: none"><li>Completion of the following courses with a minimum grade of C: SWU 171, SWU 291</li><li>Completion of least one approved non-English or Sign Language sequence or cultural diversity sequence course</li><li>Minimum ASU cumulative 2.0 GPA</li><li>Minimum 2.75 cumulative GPA recommended for SWU 171, 291, 295, 303, and 310.</li></ul>	
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>						
Approved non-English or Sign Language sequence or cultural diversity sequence (See Advisor for course list), or if completed, take Elective	4	<input type="checkbox"/>						
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>						

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM FIVE: 61 75 CREDIT HOURS</b>					
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)) • PHI 101: Introduction to Philosophy (HU) (or 105: Introduction to Ethics or 306: Applied Ethics (HU)) • 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	<input checked="" type="checkbox"/>		Grade of C in SWU 171, 291, 295, 303	<ul style="list-style-type: none"><li>Minimum 2.75 cumulative GPA for SWU 171, 291, 295, 303, and 310.</li><li>ASU cumulative GPA of 2.0 or higher</li><li>MILESTONE – Successful submission and review of:<ul style="list-style-type: none"><li>Statement of Educational and Career Goals</li><li>Two approved letters of reference</li><li>Documented completion of 40 hours of human services experience.</li></ul></li></ul>
SWU 310: Social Work Practice I	3	<input checked="" type="checkbox"/>		Grade of C	
SWU 321 Statistics for Social Workers (preferred) or any other (CS) statistics course	3	<input checked="" type="checkbox"/>			
SWU 320 Research Methods for Social Workers	3	<input checked="" type="checkbox"/>		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	<input type="checkbox"/>			
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
SWU 340: Human Behavior in the Social Environment I (SB)	3	<input checked="" type="checkbox"/>		Grade of C	
SWU 374: Diversity and Oppression in a Social Work Context	3	<input checked="" type="checkbox"/>		Grade of C	
BIO 201: Human Physiology & Anatomy I (SG)	4	<input type="checkbox"/>			
POS 310: American National Government	3	<input checked="" type="checkbox"/>			
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
SWU 332: Social Policy and Service	3	<input checked="" type="checkbox"/>		Grade of C	
SWU 410: Social Work Practice II	3	<input checked="" type="checkbox"/>		Grade of C	
SWU 412: Field Instruction I	3	<input checked="" type="checkbox"/>		Grade of C	
SWU 413: Field Instruction Seminar	3	<input checked="" type="checkbox"/>		Grade of C	
Global Awareness (G)	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
SWU 411: Social Work Practice III	3	<input checked="" type="checkbox"/>		Grade of C	
SWU 414: Field Instruction Seminar	3	<input checked="" type="checkbox"/>		Grade of C	
SWU 415: Integrative Field Seminar	3	<input checked="" type="checkbox"/>		Grade of C	
SWU 442: Intro to Practice with Children and Families or SWU 444: Issues in School Social Work	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	2	<input type="checkbox"/>			

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

#### Additional Notes:

Public Programs interdisciplinary requirement (must complete 3 courses from the following):

- Complete one course from:
  - CRJ 100: The Justice System (SB)
  - PRM 120: Leisure & the Quality of Life (SB)
  - URB 100: Intro to Urban & Metropolitan Studies (C)
- Complete two courses from:
  - CRJ 100: The Justice System (SB) – if not already completed
  - CRJ 303: Statistical Analysis (CS)
  - CRJ 305: Women, Crime & Justice (C)
  - CRJ: 306: Race, Ethnicity & Justice (C)
  - CRJ 350: Law & Social Control (SB)
  - CRJ 470: Discretionary Justice (SB)
  - PRM 120: Leisure & the Quality of Life (SB) – if not already completed
  - PRM 380: Wilderness & Parks in America (SB, H)
  - PAF 410: Building Leadership Skills (SB)
  - PAF 411: Leadership & Change (SB)
  - URB 100: Intro to Urban & Metropolitan Studies (C) – if not already completed
  - URB 240: Urban Policy (C)

## Major Map: Tourism Development & Management – Bachelor of Science (B.S.)

College of Public Programs, Downtown Phoenix Campus  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0 15 CREDIT HOURS						
PRM 120: Leisure and the Quality of Life (SB)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>MILESTONE – Recommend meeting with advisor to discuss career field experience requirement</li></ul>	
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		Grade of C		
ASU 101: The ASU Experience	1	<input type="checkbox"/>				
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement- <i>Complete 1 course from:</i> CRJ 100: The Justice System (SB) SWU 171: Introduction to Social Work (SB, H) URB 100: Intro to Urban & Metropolitan Studies (C)	3	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
Complete 1 course from: TDM 210: Community Services and Professions TDM 205: Introduction to Travel and Tourism (G)	3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
Computer/Statistics/Quantitative (CS)	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
Complete remaining course from: TDM 210: Community Services and Professions TDM 205: Introduction to Travel and Tourism (G)	3	<input type="checkbox"/>		Grade of C		<ul style="list-style-type: none"><li>Completion of First-Year Composition requirement with minimum grades of C</li><li>Completion of MAT 142 or higher with a minimum grade of C</li></ul>
TDM 301: Sustainable Communities	3	<input checked="" type="checkbox"/>		Grade of C		
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
COM 225: Public Speaking (L)	3	<input checked="" type="checkbox"/>		Grade of C		
TDM 302: Inclusive Community Development (C)	3	<input checked="" type="checkbox"/>		Grade of C		
TDM 350: Tourism Marketing	3	<input checked="" type="checkbox"/>		Grade of C		
TDM Related Area course (select course from list in additional notes below)	3	<input type="checkbox"/>		Grade of C		
UD Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
TDM 325: Tourism Accommodations	3	<input checked="" type="checkbox"/>		Grade of C		
TDM 372: Tourism Planning (L)	3	<input checked="" type="checkbox"/>		Grade of C		
TDM Related Area course (select course from list in additional notes below)	3	<input type="checkbox"/>		Grade of C		
Historical Awareness (H)	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
TDM 401: Tourism Management	3	<input checked="" type="checkbox"/>		Grade of C		
TDM 458: International Tourism (G)	3	<input checked="" type="checkbox"/>		Grade of C		
TDM 415: Tourism Transportation Systems	3	<input checked="" type="checkbox"/>		Grade of C		
TDM Related Area course (select course from list in additional notes below)	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
TDM 345: Meeting and Convention Planning	3	<input checked="" type="checkbox"/>		Grade of C		
TDM 402: Assessment and Evaluation of Community Services	3	<input checked="" type="checkbox"/>		Grade of C		
TDM 403: Pre-Internship Workshop	1	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Elective	2	<input type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
TDM 463: Senior Internship	12	<input checked="" type="checkbox"/>				

**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)
  - 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:**

*Public Programs interdisciplinary requirement (must complete 3 courses from the following):*

- Complete one course from:
  - CRJ 100: The Justice System (SB)
  - SWU 171: Introduction to Social Work (SB, H)
  - URB 100: Intro to Urban & Metropolitan Studies (C)
- Complete two courses from:
  - CRJ 100: The Justice System (SB) – if not already completed
  - CRJ 303: Statistical Analysis (CS)
  - CRJ 305: Women, Crime & Justice (C)
  - CRJ 306: Race, Ethnicity & Justice (C)
  - CRJ 350: Law & Social Control (SB)
  - CRJ 470: Discretionary Justice (SB)
  - PAF 410: Building Leadership Skills (SB)
  - PAF 411: Leadership & Change (SB)
  - SWU 171: Introduction to Social Work (SB, H) – if not already completed
  - SWU 295: Foundations of Social Work Practice (SB, C)
  - SWU 321: Statistics for Social Workers (CS)
  - SWU 402: Human Behavior in the Social Environment II (SB)
  - URB 100: Intro to Urban & Metropolitan Studies (C) – if not already completed
  - URB 240: Urban Policy (C)

*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

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
<b>Complete 2 courses from:</b> <b>MAT 142: College Mathematics (MA)</b> <b>URB 100: Intro to Urban &amp; Metropolitan Studies (C) (or URB 300: Evolution of Urban Governance)</b> <b>URB 105: Intro to Urban Governance (or URB 305: American Urban Development)</b> <b>URB 220: Urban Governance</b> <b>URB 240: Urban Policy (C)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>ASU 101 is for ASU freshman students only Not required of transfer students</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>*Non-English language course requirement, 102 proficiency or higher is required.</li> <li>Minimum cumulative ASU 2.0 GPA</li> </ul>	
	3	<input type="checkbox"/>		Grade of C		
ASU 101: The ASU Experience	1	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition ENG 105: Advanced First-Year Composition ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>Complete 1 course from:</b> Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement/ <b>Complete 1 course from:</b> CRJ 100: The Justice System (SB) PRM 120: Leisure & the Quality of Life (SB) SWU 171: Introduction to Social Work (SB, H)	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>Complete 1 additional course from:</b> <b>MAT 142: College Mathematics (MA)</b> <b>URB 100: Intro to Urban &amp; Metropolitan Studies (C) (or URB 300: Evolution of Urban Governance)</b> <b>URB 105: Intro to Urban Governance (or URB 305: American Urban Development)</b> <b>URB 220: Urban Governance</b> <b>URB 240: Urban Policy (C)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum cumulative ASU 2.0 GPA</li> </ul>	
ENG 101 or 102: First-Year Composition ENG 105: Advanced First-Year Composition ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>Complete 1 additional course from:</b> <b>MAT 142: College Mathematics (MA)</b> <b>URB 100: Intro to Urban &amp; Metropolitan Studies (C) (or URB 300: Evolution of Urban Governance)</b> <b>URB 105: Intro to Urban Governance (or URB 305: American Urban Development)</b> <b>URB 220: Urban Governance</b> <b>URB 240: Urban Policy (C)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Completed First-Year Composition requirement (ENG 101/107 AND ENG 102/108 or ENG 105) with minimum grades of C</li> <li>Minimum cumulative ASU 2.0 GPA</li> </ul>	
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>Complete remaining course from:</b> <b>MAT 142: College Mathematics (MA)</b> <b>URB 100: Intro to Urban &amp; Metropolitan Studies (C) (or URB 300: Evolution of Urban Governance)</b> <b>URB 105: Intro to Urban Governance (or URB 305: American Urban Development)</b> <b>URB 220: Urban Governance</b> <b>URB 240: Urban Policy (C)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>*Non-English language course requirement, 102 proficiency or higher is required.</li> <li>Minimum cumulative ASU 2.0 GPA</li> </ul>	
URB Related Area course (see advisor for list of acceptable courses)	3	<input type="checkbox"/>				
Approved non-English language course* or if 102 completed, take Elective	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
URB 301: Urban Research	3	<input checked="" type="checkbox"/>		Grade of C		
Upper Division URB Related Area course (see advisor for list of acceptable courses)	3	<input checked="" type="checkbox"/>				
URB Related Area course (see advisor for list of acceptable courses)	3	<input type="checkbox"/>				
Approved non-English language course* or if 102 completed, take Elective	4	<input type="checkbox"/>				
Public Programs interdisciplinary requirement (select course from list in additional notes below) – must be an upper division Social Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				



Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
URB 302: Urban Research II	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division URB Related Area course (see advisor for list of acceptable courses)	3	<input checked="" type="checkbox"/>			
URB Related Area course (see advisor for list of acceptable courses)	3	<input type="checkbox"/>			
Complete remaining course from: Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
Upper Division Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
URB 400: Senior Professional Seminar	3	<input checked="" type="checkbox"/>		Grade of C	
URB 410: Urban Leadership and Collaborative Skills	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division URB Related Area course (see advisor for list of acceptable courses)	3	<input checked="" type="checkbox"/>			
Upper Division URB Related Area course (see advisor for list of acceptable courses)	3	<input checked="" type="checkbox"/>			
Upper Division Elective	1	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
URB 484: Internship*	3-6*	<input checked="" type="checkbox"/>			* A minimum of 3 hours must be taken in each: URB 484 and upper division URB Related. The remaining 6 hours can be from either requirement for a total of 12 hours.
Upper Division URB Related Area course (see advisor for list of acceptable courses)*	6-3*	<input checked="" type="checkbox"/>			
Upper Division elective	3	<input checked="" type="checkbox"/>			

**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)
  - 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:**

*Public Programs interdisciplinary requirement (must complete 3 courses from the following):*

- Complete one course from:
  - CRJ 100: The Justice System (SB)
  - PRM 120: Leisure & the Quality of Life (SB)
  - SWU 171: Introduction to Social Work (SB, H)
- Complete two courses from:
  - CRJ 100: The Justice System (SB) – if not already completed
  - CRJ 303: Statistical Analysis (CS)
  - CRJ 305: Women, Crime & Justice (C)
  - CRJ: 306: Race, Ethnicity & Justice (C)
  - CRJ 350: Law & Social Control (SB)
  - CRJ 470: Discretionary Justice (SB)
  - PRM 120: Leisure & the Quality of Life (SB) – if not already completed
  - PRM 380: Wilderness & Parks in America (SB, H)
  - SWU 171: Introduction to Social Work (SB, H) – if not already completed
  - SWU 295: Foundations of Social Work Practice (SB, C)
  - SWU 321: Statistics for Social Workers (CS)
  - SWU 402: Human Behavior in the Social Environment II (SB)

**Major Map: Urban & Metropolitan Studies –  
Bachelor of Science (B.S.)**
**College of Public Programs, Downtown Phoenix Campus  
Catalog Year: 2009-2010**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>*Non-English language course requirement, 102 proficiency or higher is required.</li><li>Minimum cumulative ASU 2. 0 GPA</li></ul>
<b>Complete 2 courses from:</b> <b>MAT 142: College Mathematics (MA)</b> <b>URB 100: Intro to Urban &amp; Metropolitan Studies (C) (or URB 300: Evolution of Urban Governance)</b> <b>URB 105: Intro to Urban Governance (or URB 305:American Urban Development)</b> <b>URB 220: Urban Governance</b> <b>URB 240: Urban Policy (C)</b>	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	<input type="checkbox"/>		Grade of C	
<b>Complete 1 course from:</b> Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
Public Programs interdisciplinary requirement/ <b>Complete 1 course from:</b> CRJ 100: The Justice System (SB) PRM 120: Leisure & the Quality of Life (SB) SWU 171: Introduction to Social Work (SB, H)	3	<input type="checkbox"/>			
TERM TWO: 16 30 CREDIT HOURS					
<b>Complete 1 additional course from:</b> <b>MAT 142: College Mathematics (MA)</b> <b>URB 100: Intro to Urban &amp; Metropolitan Studies (C) (or URB 300: Evolution of Urban Governance)</b> <b>URB 105: Intro to Urban Governance (or URB 305:American Urban Development)</b> <b>URB 220: Urban Governance</b> <b>URB 240: Urban Policy (C)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum cumulative ASU GPA 2.0</li></ul>
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>			
Computer/Statistics/Quantitative (CS)	3	<input type="checkbox"/>			
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
TERM THREE: 31 45 CREDIT HOURS					
<b>Complete 1 additional course from:</b> <b>MAT 142: College Mathematics (MA)</b> <b>URB 100: Intro to Urban &amp; Metropolitan Studies (C) (or URB 300: Evolution of Urban Governance)</b> <b>URB 105: Intro to Urban Governance (or URB 305:American Urban Development)</b> <b>URB 220: Urban Governance</b> <b>URB 240: Urban Policy (C)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition requirement (ENG 101/107 AND ENG 102/108 or ENG 105) with minimum grades of C</li><li>Minimum cumulative ASU GPA 2.0</li></ul>
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
Social/Behavioral Science (SB)	3	<input type="checkbox"/>			
Science Quantitative (SQ) or Science General (SG)	4	<input type="checkbox"/>			
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
<b>Complete 1 additional course from:</b> <b>MAT 142: College Mathematics (MA)</b> <b>URB 100: Intro to Urban &amp; Metropolitan Studies (C) (or URB 300: Evolution of Urban Governance)</b> <b>URB 105: Intro to Urban Governance (or URB 305:American Urban Development)</b> <b>URB 220: Urban Governance</b> <b>URB 240: Urban Policy (C)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum cumulative GPA 2.0</li></ul>
URB Related Area course (see advisor for list of acceptable courses)	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
<b>Complete remaining course from:</b> Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM FIVE: 61 75 CREDIT HOURS</b>					
URB 301: Urban Research	3	<input checked="" type="checkbox"/>		Grade of C	
<i>Complete 1 of the following courses:</i> PAF 401 Statistics (recommended) PRM 402: Assessment and Evaluation of Community Services SWU 321: Statistics for Social Workers (CS)	3	<input checked="" type="checkbox"/>			
URB Related Area course (see advisor for list of acceptable courses)	3	<input type="checkbox"/>			
URB Related Area course (see advisor for list of acceptable courses)	3	<input type="checkbox"/>			
Public Programs interdisciplinary requirement (select course from list in additional notes below)-must be an Upper division Social Behavioral Science (SB)	3	<input checked="" type="checkbox"/>			
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
URB 302: Urban Research II	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>			
URB Related Area course (see advisor for list of acceptable courses)	3	<input type="checkbox"/>			
URB Related Area course (see advisor for list of acceptable courses)	3	<input type="checkbox"/>			
Upper division elective	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
URB 400: Senior Professional Seminar	3	<input checked="" type="checkbox"/>		Grade of C	
URB 410: Urban Leadership and Collaborative Skills	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division URB Related Area course (see advisor for list of acceptable courses)	3	<input checked="" type="checkbox"/>			
Upper division URB Related Area course (see advisor for list of acceptable courses)	3	<input checked="" type="checkbox"/>			
Upper division elective	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
URB 484: Internship*	3-6*	<input checked="" type="checkbox"/>			* A minimum of 3 hours must be taken in each: URB 484 and upper division URB Related. The remaining 6 hours can be from either requirement for a total of 12 hours.
Upper division URB Related Area course (see advisor for list of acceptable courses)*	6-3*	<input checked="" type="checkbox"/>			
Upper division Elective	3	<input checked="" type="checkbox"/>			

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

#### Additional Notes:

*Public Programs interdisciplinary requirement (must complete 3 courses from the following):*

- Complete one course from:
  - CRJ 100: The Justice System (SB)
  - PRM 120: Leisure & the Quality of Life (SB)
  - SWU 171: Introduction to Social Work (SB, H)
- Complete two courses from:
  - CRJ 100: The Justice System (SB) – if not already completed
  - CRJ 303: Statistical Analysis (CS)
  - CRJ 305: Women, Crime & Justice (C)
  - CRJ: 306: Race, Ethnicity & Justice (C)
  - CRJ 350: Law & Social Control (SB)
  - CRJ 470: Discretionary Justice (SB)
  - PRM 120: Leisure & the Quality of Life (SB) – if not already completed
  - PRM 380: Wilderness & Parks in America (SB, H)
  - SWU 171: Introduction to Social Work (SB, H) – if not already completed
  - SWU 295: Foundations of Social Work Practice (SB, C)
  - SWU 321: Statistics for Social Workers (CS)
  - SWU 402: Human Behavior in the Social Environment II (SB)

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> are critical courses)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes
<b>TERM ONE: 0 15 CREDIT HOURS</b>					
ASU 101-SOS: The ASU Experience (Required by School)	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for freshman ASU students only. Not required for transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li><b>SOS 110 and SOS 111 must be completed by end of term 2</b></li><li><b>Minimum cumulative GPA of 3.0 in SOS 110 &amp; 111</b></li></ul>
ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
<b>Complete 1 course from:</b> <b>SOS 110: Sustainable World (Major Course) or</b> <b>SOS 111: Sustainable Cities (Major Course and HU or SB, G)</b>	3	<input type="checkbox"/>		Grade of C	
<b>MAT 170: Precalculus (Major Course and MA)</b> (or <i>MAT 117: College Algebra, if this needs to be taken first</i> )	3	<input type="checkbox"/>		Grade of C	
Second Language (Required by School)	4	<input type="checkbox"/>		Grade of C	
<b>TERM TWO: 16 30 CREDIT HOURS</b>					
ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li><b>First-year composition requirement must be completed by end of term 3</b></li><li><b>(MA) must be completed by end of term 2</b></li><li><b>SOS 110 and SOS 111 must be completed by end of term 2</b></li><li><b>Minimum cumulative GPA of 3.0 in SOS 110 &amp; 111</b></li></ul>
<b>Complete remaining course from:</b> <b>SOS 110: Sustainable World (Major Course) or</b> <b>SOS 111: Sustainable Cities (Major Course and HU or SB, G)</b>	3	<input type="checkbox"/>		Grade of C	
<b>MAT 170: Precalculus (Major Course and MA), or if MAT 170 completed, take Elective</b>	3	<input type="checkbox"/>		Grade of C in MAT 170	
Minor Course	3	<input type="checkbox"/>			
Second Language (Required by School)	4	<input type="checkbox"/>		Grade of C	
<b>TERM THREE: 31 45 CREDIT HOURS</b>					
<b>Complete 1 Major Course from:</b> <ul style="list-style-type: none"><li>SOS 320: Society and Sustainability (SB)</li><li>SOS 321: Policy and Governance in Sustainable Systems</li><li>SOS 322: International Development and Sustainability</li><li>SOS 323: Sustainable Urban Dynamics</li><li>SOS 324: Sustainable Energy, Materials, and Technology</li><li>SOS 325: The Economics of Sustainability</li><li>SOS 326: Sustainable Ecosystems</li></ul>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li>Minimum 2.5 cumulative GPA in all SOS major courses recommended</li><li><b>6 (out of 15 required) hours of courses from SOS 320-326 must be completed by end of term 4; one of these courses must be related to the student’s track (SOS 320-323)</b></li><li><b>First-year composition requirement must be completed by end of term 3</b></li></ul>
Minor Course	3	<input type="checkbox"/>			
Second Language (Required by School)	4	<input type="checkbox"/>		Grade of C	
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
Natural Sciences-Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>			
<b>TERM FOUR: 46 60 CREDIT HOURS</b>					
<b>Complete 1 additional Major Course from:</b> <ul style="list-style-type: none"><li>SOS 320: Society and Sustainability (SB)</li><li>SOS 321: Policy and Governance in Sustainable Systems</li><li>SOS 322: International Development and Sustainability</li><li>SOS 323: Sustainable Urban Dynamics</li><li>SOS 324: Sustainable Energy, Materials, and Technology</li><li>SOS 325: The Economics of Sustainability</li><li>SOS 326: Sustainable Ecosystems</li></ul>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li>6 (out of 15 required) hours of courses from SOS 320-326 must be completed by end of term 4; one of these courses must be related to the student’s track (SOS 320-323)</li><li>Minimum 2.5 cumulative GPA in all SOS major courses recommended</li><li><b>MILESTONE: Students must determine which track they are pursuing by end of term 4</b></li><li><b>MILESTONE: Students must determine which minor they are pursuing by end of term 4</b></li></ul>
Minor Course	3	<input type="checkbox"/>			
Minor Course	3	<input checked="" type="checkbox"/>			
STP 226: Elements of Statistics or Other Approved Statistics Course (Required by School) (CS)	3	<input type="checkbox"/>			
Second Language (Required by School)	4	<input type="checkbox"/>		Grade of C	
<b>TERM FIVE: 61 75 CREDIT HOURS</b>					
<b>Complete 1 additional Major Course from:</b> <ul style="list-style-type: none"><li>SOS 320: Society and Sustainability (SB)</li><li>SOS 321: Policy and Governance in Sustainable Systems</li><li>SOS 322: International Development and Sustainability</li><li>SOS 323: Sustainable Urban Dynamics</li><li>SOS 324: Sustainable Energy, Materials, and Technology</li><li>SOS 325: The Economics of Sustainability</li><li>SOS 326: Sustainable Ecosystems</li></ul>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li>9 (out of 15 required) hours must be completed by end of term 6; one of these courses must be related to the student’s track (SOS 324-326)</li><li>School statistics requirement must be completed by end of term 5</li><li>Minimum cumulative 2.5 GPA required in all SOS major courses</li></ul>
Challenge Area Elective (Major Course) <i>Please see an advisor to determine which electives can be taken</i>	3	<input type="checkbox"/>		Grade of C	
Upper division Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>			
Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>			
Minor Course	3	<input checked="" type="checkbox"/>			

Course Subject and Title (courses in <b>bold/shading</b> are critical courses)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
Complete 1 additional Major Course from: <ul style="list-style-type: none"><li>SOS 320: Society and Sustainability (SB)</li><li>SOS 321: Policy and Governance in Sustainable Systems</li><li>SOS 322: International Development and Sustainability</li><li>SOS 323: Sustainable Urban Dynamics</li><li>SOS 324: Sustainable Energy, Materials, and Technology</li><li>SOS 325: The Economics of Sustainability</li><li>SOS 326: Sustainable Ecosystems</li></ul>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li>9 (out of 15 required) hours must be completed by end of term 6; one of these courses must be related to the student’s track (SOS 324-326)</li><li>Minimum 2.5 cumulative GPA required in all SOS major courses</li></ul>
Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
Cultural Diversity in the United States (C)	3	<input type="checkbox"/>			
SOS Elective (Major Course) (must be a 300 or 400-level course)	3	<input checked="" type="checkbox"/>		Grade of C	
Minor Course	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
Complete 1 additional Major Course from: <ul style="list-style-type: none"><li>SOS 320: Society and Sustainability (SB)</li><li>SOS 321: Policy and Governance in Sustainable Systems</li><li>SOS 322: International Development and Sustainability</li><li>SOS 323: Sustainable Urban Dynamics</li><li>SOS 324: Sustainable Energy, Materials, and Technology</li><li>SOS 325: The Economics of Sustainability</li><li>SOS 326: Sustainable Ecosystems</li></ul>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum cumulative 2.5 GPA required in all SOS major courses</li></ul>
SOS 484: Sustainability Internship or SOS 494: Sustainability Workshop/Service Learning (Major Course)	3	<input checked="" type="checkbox"/>		Grade of C	
Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
Historical Awareness (H)	3	<input checked="" type="checkbox"/>			
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
Upper division Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Minimum cumulative 2.5 GPA required in all SOS major courses</li><li>MILESTONE: Students must complete a minor before being awarded a degree</li></ul>
Challenge Area Elective (Major Course) <i>Please see an advisor to determine which electives can be taken</i>	3	<input checked="" type="checkbox"/>		Grade of C	
SOS Elective (Major Course) (must be a 400-level course)	3	<input checked="" type="checkbox"/>		Grade of C	
General Elective	2	<input type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)	Cumulative ASU GPA (2.00 minimum)	SOS Major courses cumulative GPA (2.50 minimum)	SOS Majors must complete a minor to be awarded BA degree

**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 US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

A major in sustainability consists of at least 39 semester hours in sustainability-related courses, of which at least 27 semester hours must be in upper-division courses. Upper-division courses are courses numbered at the 300 and 400 level.

Students pursuing a B.A. in Sustainability can choose from the following four 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 track they are pursuing. The track will determine which related disciplinary courses, challenge area courses, and challenge area electives the student will take.

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical courses)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101-SOS: The ASU Experience (Required by School)	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for freshman ASU students only. Not required for transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li><b>SOS 110 and SOS 111 must be completed by end of term 2</b></li><li><b>Minimum cumulative GPA of 3.0 in SOS 110 &amp; 111</b></li></ul>	
ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
<b>Complete 1 course from:</b> <b>SOS 110: Sustainable World (Major Course) or</b> <b>SOS 111: Sustainable Cities (Major Course and HU or SB, G)</b>	3	<input type="checkbox"/>		Grade of C		
<b>Complete 1 MAT course for Major requirement from:</b> <b>MAT 210: Brief Calculus (MA) or</b> <b>MAT 251: Calculus for Life Sciences (MA) or</b> <b>MAT 265: Calculus for Engineers (MA) or</b> <b>MAT 270: Calculus with Analytical Geometry I (MA)</b> (or MAT 170: Precalculus, if this needs to be taken first) <b>Please see an advisor about which math course to take</b>	3-4	<input type="checkbox"/>		Grade of C		
Second Language (Required by School)	4	<input type="checkbox"/>		Grade of C		
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li><b>First-year composition requirement must be completed by end of term 3</b></li><li><b>(MA) must be completed by end of term 2</b></li><li><b>SOS 110 and SOS 111 must be completed by end of term 2</b></li><li><b>Minimum cumulative GPA of 3.0 in SOS 110 &amp; 111</b></li></ul>	
<b>Complete remaining course from:</b> <b>SOS 110: Sustainable World (Major Course) or</b> <b>SOS 111: Sustainable Cities (Major Course and HU or SB, G)</b>	3	<input type="checkbox"/>		Grade of C		
<b>Complete 1 MAT course for Major requirement from:</b> <b>MAT 210: Brief Calculus (MA) or</b> <b>MAT 251: Calculus for Life Sciences (MA) or</b> <b>MAT 265: Calculus for Engineers (MA) or</b> <b>MAT 270: Calculus with Analytical Geometry I (MA)</b> (or if MAT requirement completed, take Elective) <b>Please see an advisor about which math course to take</b>	3-4	<input type="checkbox"/>		Grade of C in MAT 210, 251, 265, or 270		
Minor Course	3	<input type="checkbox"/>				
Second Language (Required by School)	4	<input type="checkbox"/>		Grade of C		
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>Complete 1 Major Course from:</b> <ul style="list-style-type: none"><li><b>SOS 320: Society and Sustainability (SB)</b></li><li><b>SOS 321: Policy and Governance in Sustainable Systems</b></li><li><b>SOS 322: International Development and Sustainability</b></li><li><b>SOS 323: Sustainable Urban Dynamics</b></li><li><b>SOS 324: Sustainable Energy, Materials, and Technology</b></li><li><b>SOS 325: The Economics of Sustainability</b></li><li><b>SOS 326: Sustainable Ecosystems</b></li></ul>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li>6 (out of 15 required) hours of courses from SOS 320-326 must be completed by end of term 4; one of these courses must be related to the student’s track (SOS 324-326)</li><li>Minimum 2.5 cumulative GPA in all SOS major courses recommended</li><li><b>First-year composition requirement must be completed by end of term 3</b></li></ul>	
Minor Course	3	<input type="checkbox"/>				
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
Natural Sciences-Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>Complete 1 additional Major Course from:</b> <ul style="list-style-type: none"><li><b>SOS 320: Society and Sustainability (SB)</b></li><li><b>SOS 321: Policy and Governance in Sustainable Systems</b></li><li><b>SOS 322: International Development and Sustainability</b></li><li><b>SOS 323: Sustainable Urban Dynamics</b></li><li><b>SOS 324: Sustainable Energy, Materials, and Technology</b></li><li><b>SOS 325: The Economics of Sustainability</b></li><li><b>SOS 326: Sustainable Ecosystems</b></li></ul>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li>6 (out of 15 required) hours of courses from SOS 320-326 must be completed by end of term 4; one of these courses must be related to the student’s track (SOS 324-326)</li><li>Minimum 2.5 cumulative GPA in all SOS major courses recommended</li><li><b>MILESTONE: Students must determine which track they are pursuing by end of term 4</b></li><li><b>MILESTONE: Students must determine which minor they are pursuing by end of term 4</b></li></ul>	
Minor Course	3	<input type="checkbox"/>				
Minor Course	3	<input checked="" type="checkbox"/>				
STP 226: Elements of Statistics or Other Approved Statistics Course (Required by School) and (CS)	3	<input type="checkbox"/>				
Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
<b>Complete 1 additional Major Course from:</b> <ul style="list-style-type: none"><li><b>SOS 320: Society and Sustainability (SB)</b></li><li><b>SOS 321: Policy and Governance in Sustainable Systems</b></li><li><b>SOS 322: International Development and Sustainability</b></li><li><b>SOS 323: Sustainable Urban Dynamics</b></li><li><b>SOS 324: Sustainable Energy, Materials, and Technology</b></li><li><b>SOS 325: The Economics of Sustainability</b></li><li><b>SOS 326: Sustainable Ecosystems</b></li></ul>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li>9 (out of 15 required) hours must be completed by end of term 6; one of these courses must be related to the student’s track (SOS 324-326)</li><li>School statistics requirement must be completed by end of term 5</li><li>Minimum cumulative 2.5 GPA required in all SOS major courses</li></ul>	
Challenge Area Elective (Major Course) <i>Please see an advisor to determine which electives can be taken</i>	3	<input type="checkbox"/>		Grade of C		
SOS Elective (Major Course) (must be a 300 or 400-level course)	3	<input checked="" type="checkbox"/>		Grade of C		
Minor Course	3	<input checked="" type="checkbox"/>				
Upper division Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical courses)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
Complete 1 additional Major Course from: • SOS 320: Society and Sustainability (SB) • SOS 321: Policy and Governance in Sustainable Systems • SOS 322: International Development and Sustainability • SOS 323: Sustainable Urban Dynamics • SOS 324: Sustainable Energy, Materials, and Technology • SOS 325: The Economics of Sustainability • SOS 326: Sustainable Ecosystems	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Students must earn a minor in an area related to their track – many minors require at least 18 hours, which is what’s incorporated on this document, but there are also many that require more (please consult an academic advisor with questions)</li><li>9 (out of 15 required) hours must be completed by end of term 6; one of these courses must be related to the student’s track (SOS 324-326)</li><li>Minimum cumulative 2.5 GPA required in all SOS major courses</li></ul>
SOS Elective (Major Course) (must be a 400-level course)	3	<input checked="" type="checkbox"/>		Grade of C	
Minor Course	3	<input checked="" type="checkbox"/>			
Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
Complete 1 additional Major Course from: • SOS 320: Society and Sustainability (SB) • SOS 321: Policy and Governance in Sustainable Systems • SOS 322: International Development and Sustainability • SOS 323: Sustainable Urban Dynamics • SOS 324: Sustainable Energy, Materials, and Technology • SOS 325: The Economics of Sustainability • SOS 326: Sustainable Ecosystems	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum cumulative 2.5 GPA required in all SOS major courses</li></ul>
SOS 484: Sustainability Internship or SOS 494: Sustainability Workshop/Service Learning (Major Course)	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>			
Historical Awareness (H)	3	<input type="checkbox"/>			
Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
Challenge Area Elective (Major Course) <i>Please see an advisor to determine which electives can be taken</i>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum cumulative 2.5 GPA required in all SOS major courses</li><li>MILESTONE: Students must complete a minor before being awarded a degree</li></ul>
Cultural Diversity in the United States (C)	3	<input type="checkbox"/>			
Upper division General Elective	3	<input checked="" type="checkbox"/>			
General Elective	3	<input type="checkbox"/>			
General Elective(s) (2 or 4 hours of General Elective hours required dependent on MAT courses taken)	2-4	<input type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)	Cumulative ASU GPA (2.00 minimum)	SOS Major courses cumulative GPA (2.50 minimum)	SOS Majors must complete a minor to be awarded BS degree

**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 US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

A major in sustainability consists of at least 39 semester hours in sustainability-related courses, of which at least 27 semester hours must be in upper-division courses. Upper-division courses are courses numbered at the 300 and 400 level.

Students pursuing a B.S. in Sustainability can choose from the following three 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 track they are pursuing. The track will determine which related disciplinary courses, challenge area courses, and challenge area electives the student will take.

## Major Map: Early Childhood Education – Bachelor of Arts in Education (B.A.E.)

College of Teacher Education and Leadership

Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Course Subject and Title (courses in <b>bold/shading</b> are critical.)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes			
<b>TERM ONE: 0 15 CREDIT HOURS</b>								
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>• ASU Math Placement Exam score determines placement in Mathematics course</li><li>• Recommend HST 109 HIS 103or HU, H and covers US constitution for certification requirement.</li><li>• Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
Elective (recommend TEL 111: Exploration of Education )	3	<input type="checkbox"/>		Grade of C				
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C				
<b>MAT 142: College Mathematics (MA) or higher</b>	3	<input type="checkbox"/>		Grade of C				
Select one course from the following list: <b>ECD 211: The Developing Child (SB) ECD 220: Nutrition, Health, and Safety for Young Children MCE 230/TEL 212: Understanding the Culturally Diverse Child SPE 222: Orientation to Education of Exceptional Children (SB, C)</b>	2-3	<input type="checkbox"/>		Grade of C				
Humanities/Fine Arts (HU) with Awareness Area – Historical (H):	3	<input type="checkbox"/>						
<b>TERM TWO: 16 30 CREDIT HOURS</b>								
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>• Complete Mathematical Studies (MA)</li><li>• Complete two of the following courses: ECD 211, ECD 220, /TEL 212, SPE 222</li><li>• Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
Select one course from the following list (not already completed): <b>ECD 211: The Developing Child (SB) ECD 220: Nutrition, Health, and Safety for Young Children MCE 230/TEL 212: Understanding the Culturally Diverse Child SPE 222: Orientation to Education of Exceptional Children (SB, C)</b>	2-3	<input type="checkbox"/>		Grade of C				
<b>MTE 180: Mathematics for Elementary Teachers I</b>	3	<input type="checkbox"/>		Grade of C				
Select one: <b>Literacy and Critical Inquiry (L) OR Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>		Grade of C				
Humanities, Fine Arts, and Design (HU) with Awareness Area – Global (G)	3	<input type="checkbox"/>						
<b>TERM THREE: 31 45 CREDIT HOURS</b>								
<b>MTE 181: Mathematics for Elementary Teachers II</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>• Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>• Complete MTE 180</li><li>• Complete three of the following courses: ECD 211, ECD 220, TEL212, BLE 220, SPE 222</li><li>• Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>• MILESTONE: Submit Intent to Progress form (online)</li></ul>			
Select one courses from the following list (not already completed): <b>BLE 220: Foundations of SEI ECD 211: The Developing Child (SB) ECD 220: Nutrition, Health, and Safety for Young Children MCE 230/TEL 212: Understanding the Culturally Diverse Child SPE 222: Orientation to Education of Exceptional Children (SB, C)</b>	2-3	<input type="checkbox"/>		Grade of C				
Select one (not already completed) Literacy and Critical Inquiry (L) OR Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)	3-4	<input type="checkbox"/>		Grade of C				
Upper Division HU/SB (Recommend RDG 334)	3	<input type="checkbox"/>						
<b>TERM FOUR: 46 60 CREDIT HOURS</b>								
Select two courses from the following list (not already completed): <b>BLE 220: Foundations of SEI ECD 211: The Developing Child (SB) ECD 220: Nutrition, Health, and Safety for Young Children MCE 230/TEL 212: Understanding the Culturally Diverse Child SPE 222: Orientation to Education of Exceptional Children (SB, C)</b>	5-6	<input type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>• Complete SQ/SG with a “C” or better.</li><li>• Complete MTE 181</li><li>• Complete all of the following courses: BLE 220, ECD 211, ECD 220, TEL 212, and SPE 222</li><li>• Compete CS by end of Term</li><li>• Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>• Must complete at least 56 credits to progress into PTPP</li><li>• MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
Select one (not already completed) Literacy and Critical Inquiry (L) OR Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)	3-4	<input type="checkbox"/>		Grade of C				
<b>EDT 180 or EDT 321 (CS): Computer Literacy</b>	3	<input type="checkbox"/>						
Elective	2	<input type="checkbox"/>						
<b>TERM FIVE: 61 75 CREDIT HOURS</b>								
ECD 302: Foundations of Early Child Education	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>• Must possess valid DPS fingerprint clearance to participate in field experience</li><li>• Minimum 2.50 ASU cumulative GPA</li></ul>			
ECD 312: Social Emotional Foundations of Learning	3	<input checked="" type="checkbox"/>		Grade of C				
ECD 313: Technology in Early Childhood Education	3	<input checked="" type="checkbox"/>		Grade of C				
ECD 315: Teacher Research: Studying Children in Context	3	<input checked="" type="checkbox"/>		Grade of C				
ECD 323: Building Home School and Family Partnerships	3	<input checked="" type="checkbox"/>		Grade of C				
ECD 395: Field Experience (Infant, Toddler/Pre-K)	1	<input checked="" type="checkbox"/>		Grade of Y				
<b>TERM SIX: 76 90 CREDIT HOURS</b>								
BLE 408: SEI for Linguistically Diverse Learners	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>• Minimum 2.50 ASU cumulative GPA</li></ul>			
ECD 406: Assessment: Birth – Age 8	3	<input checked="" type="checkbox"/>		Grade of C				
ECD 316: Classroom Organization and Guidance of Young Children	3	<input checked="" type="checkbox"/>		Grade of C				
ECD 322: Emergent Language and Literacy	3	<input checked="" type="checkbox"/>		Grade of C				
ECD 324: Social Studies and the Creative Arts Curriculum	3	<input checked="" type="checkbox"/>		Grade of C				
ECD 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				



Course Subject and Title (courses in <b>bold/shading</b> are critical.)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
ECD 410: Science Curriculum Instruction and Assessment	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 2.50 ASU cumulative GPA
ECD 412: Math Curriculum Instruction and Assessment	3	<input checked="" type="checkbox"/>		Grade of C	
ECD 413: Literacy Curriculum Instruction and Assessment	3	<input checked="" type="checkbox"/>		Grade of C	
ECD 415: Literacy Practicum	3	<input checked="" type="checkbox"/>		Grade of C	
ECD 416: Social and Educational Policies Affecting Children and Families	3	<input checked="" type="checkbox"/>		Grade of C	
ECD 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
Elective	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
ECD 477: Student Teaching: Ages 0-4	4	<input checked="" type="checkbox"/>		Grade of Y	• Minimum 2.50 ASU cumulative GPA
ECD 478: Student Teaching: Grades K-3	5-8	<input checked="" type="checkbox"/>		Grade of Y	
ECD 479: Capstone	3	<input checked="" type="checkbox"/>		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 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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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)

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.

Course Subject and Title (courses in <b>bold/shading</b> are critical)		Hrs.	Upper Division	Completed ATP: Transfer Course/Grade	<input type="checkbox"/> Yes <input type="checkbox"/> No Minimum Grade if Required	Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>							
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course   GPA recommended</li><li>Recommend HST 109/HIS 103 for HU, H and covers US constitution for certification requirement.</li></ul>		
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C			
<b>MAT 142: College Mathematics (MA) or higher</b>	3	<input type="checkbox"/>		Grade of C			
Humanities/Fine Arts (HU) with Awareness Area – Historical (H):	3	<input type="checkbox"/>					
Elective (Recommended TEL 111: Exploration of Education):	3	<input type="checkbox"/>					
<b>TERM TWO: 16 30 CREDIT HOURS</b>							
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA)</li><li>Complete SPE 222 or TEL 212</li><li>Minimum 2.50 ASU cumulative and critical content area course   GPA recommended</li></ul>		
<i>Select one:</i> <b>Literacy and Critical Inquiry (L) Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>		Grade of C			
<b>MTE 180: Mathematics for Elementary Teachers I</b>	3	<input type="checkbox"/>		Grade of C			
<b>TEL 212: Understanding the Culturally Diverse Child (C) OR SPE 222: Orientation to Education of Exceptional Children (SB, C)</b>	3	<input type="checkbox"/>		Grade of C			
Elective:	3	<input type="checkbox"/>					
<b>TERM THREE: 31 45 CREDIT HOURS</b>							
<b>MTE 181: Mathematics for Elementary Teachers II</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Complete MTE 180</li><li>Complete two courses: SPE 222TEL 212, RDG 334, BLE 220</li><li>Minimum 2.50 ASU cumulative and critical content area course   GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress form (online+</li></ul>		
<i>Choose one course:</i> <b>TEL 212: Understanding the Culturally Diverse Child (C) SPE 222: Orientation to Education of Exceptional Children (SB, BLE 220: Foundations of SEI RDG 334: Children’s Literature (HU)</b>	3	<input type="checkbox"/>		Grade of C			
<i>Select one course (not already taken):</i> <b>Literacy and Critical Inquiry (L) Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>		Grade of C			
<b>EDT 180 or EDT 321 (CS): Computer Literacy</b>	3	<input type="checkbox"/>		Grade of C			
Elective	3	<input type="checkbox"/>					
<b>TERM FOUR: 46 60 CREDIT HOURS</b>							
<b>Choose two courses:</b> <b>TEL 212: Understanding the Culturally Diverse Child (C) SPE 222: Orientation to Education of Exceptional Children (SB, BLE 220: Foundations of SEI RDG 334: Children’s Literature (HU)</b>	6	<input type="checkbox"/>		Grade of C		<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better.</li><li>Complete MTE 181</li><li>Complete all of the following courses: BLE 220, MCE 230/TEL 212, SPE 222, and RDG 334</li><li>Minimum 2.50 ASU cumulative and critical content area course   GPA <b>required</b></li><li>Complete CS</li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
<i>Select one course (not already taken):</i> <b>Literacy and Critical Inquiry (L) OR Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>		Grade of C			
Global (G):	3	<input type="checkbox"/>					
Elective:	3	<input type="checkbox"/>					
<b>TERM FIVE: 61 75 CREDIT HOURS</b>							
<b>TEL 311: Instruction &amp;Management in the Inclusive Classroom</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Must possess valid DPS fingerprint clearance to participate in field experience</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>		
<b>TEL 313: Educational Technology in the K-12 Curriculum</b>	3	<input checked="" type="checkbox"/>		Grade of C			
<b>TEL 314: Classroom Assessment</b>	3	<input checked="" type="checkbox"/>		Grade of C			
<b>TEL 315: Childhood and Adolescent Development (SB)</b>	3	<input checked="" type="checkbox"/>		Grade of C			
<b>EED 433: Language Arts Methods, Management and Assessment</b>	3	<input checked="" type="checkbox"/>		Grade of C			
<b>EED 396: Field Experience</b>	1	<input checked="" type="checkbox"/>		Grade of Y			
<b>TERM SIX: 76 90 CREDIT HOURS</b>							
<b>BLE 408: SEI for Ling. Diverse Learners</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>		
<b>EDP 311: Educational Psychology for Teachers (SB)</b>	3	<input checked="" type="checkbox"/>		Grade of C			
<b>RDG 322: Language and Literacy 1 in Elementary Schools</b>	3	<input checked="" type="checkbox"/>		Grade of C			
<b>EED 324: Social Studies Methods, in the Elementary School</b>	3	<input checked="" type="checkbox"/>		Grade of C			
<b>EED 397: Field Experience</b>	1	<input checked="" type="checkbox"/>		Grade of Y			
Elective	3	<input type="checkbox"/>					

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
EED 411: Science Methods in the Elementary School	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 2.50 ASU cumulative GPA
EED 412: Mathematics Methods in the Elementary School	3	<input checked="" type="checkbox"/>		Grade of C	
SPE 416: Quality Practice in Collaborative Classrooms	3	<input checked="" type="checkbox"/>		Grade of C	
SPF 301: Culture and Schooling (L)	3	<input checked="" type="checkbox"/>		Grade of C	
RDG 413: Developing Literacy	3	<input checked="" type="checkbox"/>		Grade of C	
EED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
EED 478: Student Teaching in the Elementary School	9	<input checked="" type="checkbox"/>		Grade of Y	
EED 479: Capstone Seminar	3	<input checked="" type="checkbox"/>		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 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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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)

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 BLE/ESL–  
Bachelor of Arts in Education (B.A.E.)**  
College of Teacher Education and Leadership  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Course Subject and Title (courses in <b>bold/shading</b> are critical.)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes			
<b>TERM ONE: 0 15 CREDIT HOURS</b>								
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Recommend HST 103/109 for HU, H and covers US constitution for certification requirement.</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C				
<b>MAT 142: College Mathematics/or higher (MA)</b>	3	<input type="checkbox"/>		Grade of C				
Humanities/Fine Arts (HU) with Awareness Area – Historical (H):	3	<input type="checkbox"/>						
Elective (Recommended TEL 111: Exploration of Education):	3	<input type="checkbox"/>						
<b>TERM TWO: 16 30 CREDIT HOURS</b>								
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA)</li><li>Complete SPE 222 or RDG 334</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
<b>Select one: Literacy and Critical Inquiry (L) OR Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>		Grade of C				
<b>MTE 180: Mathematics for Elementary Teachers I</b>	3	<input type="checkbox"/>		Grade of C				
<b>RDG 334: Children’s Literature (HU) OR SPE 222: Orientation to Education of Exceptional Children (SB, C)</b>	3	<input type="checkbox"/>		Grade of C				
Elective:	3	<input type="checkbox"/>						
<b>TERM THREE: 31 45 CREDIT HOURS</b>								
<b>MTE 181: Mathematics for Elementary Teachers II</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Complete MTE 180</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>			
<b>RDG 334: Children’s Literature (HU) OR SPE 222: Orientation to Education of Exceptional Children (SB, C)</b>	3	<input type="checkbox"/>		Grade of C				
Foreign Language or Elective <sup>1</sup> :	3-4	<input type="checkbox"/>						
<b>Select one: Literacy and Critical Inquiry (L) OR Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>		Grade of C				
<b>EDT 180 or EDT 321 (CS): Computer Literacy</b>	3	<input type="checkbox"/>		Grade of C				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>								
Foreign Language or Elective <sup>1</sup>	3-4	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better</li><li>Complete EDT 180 or EDT 321, SPE 222, MTE 181 and RDG 334.</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP enrollment workshop</li></ul>			
Awareness Area – Global (G):	3	<input type="checkbox"/>						
<b>Select one: Literacy and Critical Inquiry (L) Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>						
Elective	3	<input checked="" type="checkbox"/>						
<b>TERM FIVE: 61 75 CREDIT HOURS</b>								
<b>BLE 400: Principles of Language Minority Education</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Must possess valid DPS fingerprint clearance card to participate in field experience</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
<b>TEL 315: Child and Adolescent Development (SB)</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>TEL 313: Educational Technology in the K-12 Curriculum</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>BLE 408: SEI for Linguistically Diverse Learners</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>BLE 396: Field Experience</b>	1	<input checked="" type="checkbox"/>		Grade of Y				
Upper Division Literacy	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
<b>TERM SIX: 76 90 CREDIT HOURS</b>								
<b>BLE 411: Science Curriculum, Instruction and Assessment in BLE/ESL Settings</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>BLE 324: Social Studies Curriculum, Instruction and Assessment in BLE/ESL Settings</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>BLE 412: Mathematics Curriculum, Instruction, and Assessment in BLE/ESL Settings</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>MCE 447: Diversity in Families and Communities in Multicultural Settings</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>EDP 311: Educational Psychology (SB)</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
<b>BLE 397: Field Experience</b>	1	<input checked="" type="checkbox"/>		Grade of Y				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>								
<b>BLE 335: Language Diversity in Classrooms</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
<b>BLE 322: Reading Methods, in BLE/ESL settings</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>BLE 413: Language Arts Methods, in BLE/ESL settings</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>BLE 481: Reading Practicum</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>SPE 416: Quality Practices in the Collaborative Classroom</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>BLE 496: Field Experience</b>	1	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>								
<b>BLE 478: Student Teaching in The Elementary School</b>	9	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
<b>BLE 479: Capstone</b>	3	<input checked="" type="checkbox"/>		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 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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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:**

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.)**  
College of Teacher Education and Leadership (CTEL)  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
<b>MAT 170: Precalculus or higher (MA)</b>	3	<input type="checkbox"/>		Grade of C		
<b>BIO 187: General Biology I (SG)</b>	4	<input type="checkbox"/>		Grade of C		
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>		Grade of C		
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
<b>BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		Grade of C		
<b>SPE 222: Orientation Education of the Exceptional Child (SB, C)</b>	3	<input type="checkbox"/>		Grade of C		
CHM 116: General Chemistry II (SQ)	4	<input type="checkbox"/>		Grade of C		
<b>EDT 180 or EDT 321: Computer Literacy (CS):</b>	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>BIO 360: Animal Physiology OR LSC 358/395: Animal Physiology &amp; Lab OR PBL/LSC 308: Plant Biology</b>	3-4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Complete BIO 187, BIO 188 and two (2) additional required BIO courses.</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit intent to progress form (online)</li></ul>	
<b>BIO 320 or LSC 320/322: Fundamentals of Ecology and Lab</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU) with Historical (H) (HIS 103/HST 109 recommended to fulfill US Constitution for certification)	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU) with Awareness Area – Global (G):	3	<input type="checkbox"/>				
Literacy and Critical Inquiry (L):	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>MIC 205/206: Microbiology and Lab OR MIC 220/206: Biology of Microorganisms and Lab OR LSC 353/355: Cell Biology and Lab</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete all five (5) BIO specialization critical courses (BIO 187, BIO 188, and 3 additional BIO courses)</li><li>Must complete BLE 220 with a “C” or better</li><li>The following courses may substitute for the PHY 101 requirement if all are completed: PHY 111, 112, 113, 114</li><li>Complete EDT 180/321</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
<b>BLE 220: Foundations of SEI</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>BIO/LSC345: Organic Evolution</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Social Behavioral (SB) Recommend EDP 311	3	<input checked="" type="checkbox"/>				
PHY 101: Introduction to Physics	4	<input type="checkbox"/>		Grade of C		
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Must possess DPS fingerprint clearance card to participate in field experience</li><li>Minimum 2.50 ASU cumulative GPA .</li></ul>	
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
<b>BIO 340: General Genetics OR LSC 347/348: Fundamentals of Genetics and Lab</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
<b>BLE 407: SEI for Secondary</b>	3	<input type="checkbox"/>		Grade of C		
<b>SPE 417: Inclusion Practices at the Secondary Level</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>RDG 323: Literacy Processes in Content Areas</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>BIO 480: Methods of Teaching Biology OR SED 482: Methods of Teaching Science</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>SED 397: Field Experience</b>	1	<input checked="" type="checkbox"/>		Grade of Y		

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
BIO /LSC370: Vertebrate Zoology OR BIO/LSC 385: Comparative Invertebrate Zoology OR LSC 307: Comparative Plant Study OR LSC: 309: The Flora of Arizona OR LSC 444/445: Microbiology & Lab (see note) OR PLB 300: Comparative Plant Diversity OR PLB 310: The Flora of Arizona	4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li><li>Do not take LSC 444/445 if MIC 204/206 taken in previous term</li><li>BIO Elective can be any BIO 100-400 course except: BIO 100; BIO 120; BIO 201; BIO 202; BIO 241; BIO 300; BIO 319; PLB 108; PLB 320</li></ul>
BIO Elective (see note)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
BIO 482: Advanced Methods for Teaching Biology OR SCN 494: Biology for Teachers	3	<input checked="" type="checkbox"/>		Grade of C	
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
SED 478: Student Teaching	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>

**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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 (Business) –  
Bachelor of Arts in Education (B.A.E.)**  
College of Teacher Education and Leadership (CTEL)  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li><li>Recommend HST 109 for HU, H and covers US constitution for certification requirement.</li></ul>	
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
<b>MAT 210: Brief Calculus (MA)</b>	3	<input type="checkbox"/>		Grade of C		
<b>ECN 211: Macroeconomic Principles(SB) OR ECN 212: Microeconomic Principles (SB)</b>	3	<input type="checkbox"/>		Grade of C		
Natural Science – Quantitative or General (SQ/SG):	4	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU) with Awareness Area – Historical (H):	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>MAT 211 is a pre-requisite to ECN 221 (term 3)</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
<b>CIS 105: Computer Applications and Information Technology (CS)</b>	3	<input type="checkbox"/>		Grade of C		
<b>ECN 211: Macroeconomic Principles(SB) OR ECN 212: Microeconomic Principles (SB)</b>	3	<input type="checkbox"/>		Grade of C		
<b>SPE 222: Orientation Education of the Exceptional Child (SB, C)</b>	3	<input type="checkbox"/>		Grade of C		
MAT 211: Mathematics for Business Analysis (MA)	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>ACC 231: Uses of Accounting Info I</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit intent to progress form (online)</li></ul>	
ECN 221: Statistical Analysis (CS)	3	<input type="checkbox"/>		Grade of C		
Natural Science – Qualitative (SQ):	4	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU) with Awareness Areas – Global (G):	3	<input type="checkbox"/>				
Typing course:	1	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>ACC 241: Uses of Accounting Info II</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better.</li><li>Must complete BLE 220 with a grade of “C” or better</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
<b>BLE 220: Foundations of SEI</b>	3	<input type="checkbox"/>		Grade of C		
FIN 300: Fundamentals of Finance OR FIN 380: Personal Financial Management	3	<input checked="" type="checkbox"/>		Grade of C		
LES 305: Legal, Ethical, and Regulatory Issues in Business	3	<input checked="" type="checkbox"/>		Grade of C		
ENG 301: Writing for Professions (L)	3	<input checked="" type="checkbox"/>		Grade of C		
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
SCM 300: Global Supply Operations	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Must possess DPS fingerprint clearance card to participate in field experience.</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Child and Adolescent Development (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
MGT 300: Organizational Management Leadership	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
MKT 300: Marketing and Business Performance	3	<input checked="" type="checkbox"/>		Grade of C		
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C		
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C		
BUE 480: Methods of Teaching Business	3	<input checked="" type="checkbox"/>		Grade of C		
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
MKT 391: Essentials of Selling OR MKT 420: Retail Management	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
MGT 440: Small Business and Entrepreneurship	3	<input checked="" type="checkbox"/>		Grade of C		
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C		
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C		
BUE 481: Technology in Business and Vocational Education	3	<input checked="" type="checkbox"/>		Grade of C		
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	



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  - 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)
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- General Studies Awareness Requirements
  - Cultural Diversity in the US (C) (3 credit hours) (may be combined with other general studies requirements.)
  - 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:**

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			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title <i>(courses in bold/shading are critical)</i>	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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
MAT 270: Calculus with Analytic Geometry I (MA)	4	<input type="checkbox"/>		Grade of C		
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts and Design (HU) with Awareness Area – Historical (H): (recommend HST 109 to cover US constitution and H awareness)	3	<input type="checkbox"/>				
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
SPE 222: Orientation Education of the Exceptional Child (SB, C)	3	<input type="checkbox"/>		Grade of C		
CHM 116: General Chemistry II (SQ)	4	<input type="checkbox"/>		Grade of C		
MAT 271: Calculus with Analytic Geometry II	4	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU) with Awareness Area – Global (G):	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
CHM 233/237: General Organic Chemistry and Lab	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>	
Literacy and Critical Inquiry (L):	3	<input type="checkbox"/>		Grade of C		
PHY 111/113: General Physics and Lab	4	<input type="checkbox"/>		Grade of C		
EDT 180 or EDT 321: Computer Literacy (CS)	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
CHM 234/238: General Organic Chemistry and Lab	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Must complete BLE 220 with a grade of “C” or better</li><li>Compete CS</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Workshop</li></ul>	
PHY 112/114: General Physics and Lab	4	<input type="checkbox"/>		Grade of C		
CHM 325/326: Analytical Chemistry and Lab	4	<input checked="" type="checkbox"/>		Grade of C		
BLE 220: Foundations of SEI	3	<input type="checkbox"/>		Grade of C		
TERM FIVE: 61 75 CREDIT HOURS						
CHM 341: Elementary Physical Chemistry (CHM 345 and CHM 346 can be used as substitutes)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li><li>Must possess valid DPS fingerprint clearance card to participate in field experience</li></ul>	
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
TERM SIX: 76 90 CREDIT HOURS						
BCH 361: Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C		
RDG 323: Literacy Processes in Content Areas	3					
CHM 480: Methods of Teaching Chemistry	3	<input checked="" type="checkbox"/>		Grade of C		
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
TERM SEVEN: 91 105 CREDIT HOURS						
BCH 361: Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C		
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C		
SED methods course (See advisor to select course)	3	<input checked="" type="checkbox"/>		Grade of C		
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
TERM EIGHT: 106 120 CREDIT HOURS						
SED 478: Student Teaching	12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	

**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)

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- General Studies Core Requirements:
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  - Computer/Statistics/Quantitative applications (CS) (3 credit hours)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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.

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title <i>(courses in bold/shading are critical)</i>	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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.00 ASU cumulative GPA</li></ul>
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3	<input type="checkbox"/>		Grade of C	
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>		Grade of C	
SES 100: Introduction to Exploration (CS) OR SES 111: Exploration of Science Teaching	3	<input type="checkbox"/>		Grade of C	
SES 101/103: Earth, Solar System, and Universe I and Lab	4	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete CHM 113: General Chemistry I (SQ)</li><li>Minimum 2.30 cumulative GPA in Earth &amp; Space specialization critical courses</li><li>Minimum 2.30 ASU cumulative GPA</li></ul>
SPE 222: Orientation Education of the Exceptional Child (SB, C)	3	<input type="checkbox"/>		Grade of C	
CHM 116: General Chemistry II (SQ)	4	<input type="checkbox"/>		Grade of C	
SES 100: Introduction to Exploration (CS) OR SES 111: Exploration of Science Teaching	1	<input type="checkbox"/>		Grade of C	
SES 102/104: Earth, Solar System, and Universe II and Lab	4	<input type="checkbox"/>		Grade of C	
TERM THREE: 31 45 CREDIT HOURS					
PHY 111/113: General Physics and Lab	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete CHM 116: General Chemistry II (SQ)</li><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.30 cumulative GPA in Earth &amp; Space specialization critical courses</li><li>Minimum 2.50 ASU cumulative GPA</li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>
SES 210: Engineering Systems and Experimental Design	3	<input type="checkbox"/>		Grade of C	
GLG 310: Structural Geology	3	<input checked="" type="checkbox"/>		Grade of C	
Humanities/Fine Arts (HU) with Awareness Area – Global (G):	3	<input type="checkbox"/>			
Literacy and Critical Inquiry (L):	3	<input type="checkbox"/>		Grade of C	
TERM FOUR: 46 60 CREDIT HOURS					
PHY 112/114: General Physics and Lab	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 cumulative GPA in Earth &amp; Space specialization critical courses</li><li>Complete BLE 220 with a “C” or better</li><li>Minimum 2.50 ASU cumulative GPA</li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>
SES 311: Essentials Astrobiology: Exploration for Live in the Universe	3	<input checked="" type="checkbox"/>		Grade of C	
GLG 321: Mineralogy	4	<input checked="" type="checkbox"/>		Grade of C	
Humanities/Fine Arts (HU) with Awareness Area – Historical (H)	3	<input type="checkbox"/>			
BLE 220: Foundations of SEI	3	<input type="checkbox"/>		Grade of C	
TERM FIVE: 61 75 CREDIT HOURS					
SES Elective (4XX level in GLG, GPH, SES courses):	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li><li>Must possess valid DPS fingerprint clearance card to participate in field experience.</li></ul>
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
TERM SIX: 76 90 CREDIT HOURS					
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C	
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C	
Select methods course in consultation with advisor	3	<input checked="" type="checkbox"/>		Grade of C	
SED 397: Field Experience	1	<input type="checkbox"/>		Grade of Y	
TERM SEVEN: 91 105 CREDIT HOURS					
SES 410/411: Senior Exploration Project I and II OR GLG 451: Field Geology I	3-6	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>			
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
GLG 490/SES4**: Teaching Earth and Space Science	3	<input checked="" type="checkbox"/>		Grade of C	
Social Behavioral (SB) Recommend EDP 311	3	<input checked="" type="checkbox"/>			
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
TERM EIGHT: 106 120 CREDIT HOURS					
SED 478: Student Teaching	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>

**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)

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  - Literacy and Critical Inquiry (L) (6 credit hours)
  - Mathematical Studies (MA) (3 credit hours)
  - Computer/Statistics/Quantitative applications (CS) (3 credit hours)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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:**

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			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Recommend HST 109 for HU, H and covers US constitution for certification requirement.</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
<b>MAT 210: Brief Calculus (MA)</b>	3	<input type="checkbox"/>		Grade of C		
<b>ECN 211: Macroeconomic Principles(SB) OR ECN 212: Microeconomic Principles (SB)</b>	3	<input type="checkbox"/>		Grade of C		
Critical Literacy (L) with Awareness Area – Historical (H):	3	<input type="checkbox"/>				
Humanities/Fine Arts and Design (HU) with Awareness Areas – Global (G):	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>MAT 211 is a pre-requisite to ECN 221 (term 3)</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
<b>ECN 211: Macroeconomic Principles(SB) OR ECN 212: Microeconomic Principles (SB)</b>	3	<input type="checkbox"/>		Grade of C		
Natural Science – Quantitative or General (SQ/SG):	4	<input type="checkbox"/>		Grade of C		
<b>SPE 222: Orientation Education of the Exceptional Child (SB, C)</b>	3	<input type="checkbox"/>		Grade of C		
<b>MAT 211: Mathematics for Business Analysis</b>	3	<input type="checkbox"/>		Grade of C		
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>ECN 313: Intermediate Macroeconomic Theory (SB) OR ECN 314: Intermediate Microeconomic Theory</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>	
ECN Upper Division Elective:	3	<input type="checkbox"/>		Grade of C		
Related Area (ACC, CIS, ECN, and or any upper division courses from FIN, GCU, HST, MAT, MGT, MKT, PHI, POS, SCM, STP)	3	<input type="checkbox"/>		Grade of C		
<b>STP 226: Elements of Statistics (CS) OR ECN 221: Statistical Analysis (CS)</b>	3	<input type="checkbox"/>		Grade of C		
Natural Science – Qualitative (SQ):	4	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>ECN 313: Intermediate Macroeconomic Theory (SB) OR ECN 314: Intermediate Microeconomic Theory</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better</li><li>Complete ECN 313 and 314 with a “C” or better</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete BLE 220 with a grade of “C” or better</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
ECN Upper Division Elective:	3	<input checked="" type="checkbox"/>		Grade of C		
ECN 321: Economics of the European Economic Union OR ECN 410: Applied Business Forecasting OR ECN 425: Introduction to Econometrics	3	<input checked="" type="checkbox"/>		Grade of C		
Related Area (ACC, CIS, ECN, and or any upper division courses from FIN, GCU, HST, MAT, MGT, MKT, PHI, POS, SCM, STP)	3	<input checked="" type="checkbox"/>		Grade of C		
<b>BLE 220: Foundations of SEI</b>	3	<input type="checkbox"/>		Grade of C		
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Child and Adolescent Development (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
ECN Upper Division Elective:	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C		
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C		
Select first methods course with advisor	3	<input checked="" type="checkbox"/>		Grade of C		
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
ECN 475: Capstone in Economics OR ECN 493: Honors Thesis (L)	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 2.50 ASU cumulative GPA
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
Select second methods course with advisor	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
SED 478: Student Teaching	8-12	<input checked="" type="checkbox"/>		Grade of Y	• Minimum 2.50 ASU cumulative GPA

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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)

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Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes			
<b>TERM ONE: 0 15 CREDIT HOURS</b>								
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C				
<b>MAT 142: College Mathematics (MA) or higher</b>	3	<input type="checkbox"/>		Grade of C				
Natural Science – Quantitative or General (SQ/SG):	4	<input type="checkbox"/>						
Awareness Area – Global (G):	3	<input type="checkbox"/>						
EDT 180 or EDT 321: Computer Literacy (CS):	3	<input type="checkbox"/>						
<b>TERM TWO: 16 30 CREDIT HOURS</b>								
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA) requirement</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
<b>SPE 222: Orientation Education of the Exceptional Child (SB, C)</b>	3	<input type="checkbox"/>		Grade of C				
Natural Science – Quantitative (SQ):	4	<input type="checkbox"/>		Grade of C				
<b>BLE 220: Foundations of SEI:</b>	3	<input type="checkbox"/>		Grade of C				
Elective:	3	<input type="checkbox"/>						
<b>TERM THREE: 31 45 CREDIT HOURS</b>								
<b>ENG 200: Critical Reading and Writing about Literature (L or HU)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>			
ENG 221: Survey of English Literature (HU)	3	<input type="checkbox"/>		Grade of C				
ENG 212: English Prose Style (L) OR 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	<input type="checkbox"/>		Grade of C				
<b>Upper Division ENG Elective</b>	3	<input checked="" type="checkbox"/>		Grade of C				
Social Behavioral (SB) Recommend EDP 311	3	<input checked="" type="checkbox"/>						
<b>TERM FOUR: 46 60 CREDIT HOURS</b>								
ENG 222: Survey of English Literature (HU, H)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better.</li><li>Must complete four additional ENG courses (not including ENG 101/102 and ENG 200) by the end of term 4</li><li>Complete CS</li><li>Must complete BLE 220 with a grade of “C” or better</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>			
Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C				
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	<input checked="" type="checkbox"/>		Grade of C				
ENG 241: Literature of the US to 1860 (HU)	3	<input type="checkbox"/>		Grade of C				
ENG 333: American Ethnic Literature (L or HU, and C) OR ENG 353: African American Literature: Beginnings through the Harlem Renaissance (L or HU, and C) OR ENG 354: African American Literature: Harlem Renaissance to the Present (L or HU, and C) OR ENG 359: American Indian Literatures (L or HU, and C) OR ENG 363: Chicana and Chicano Literature (L or HU, and C) OR ENG 364: Women and Literature (HU) OR ENG 461: Studies in Women and Literature (HU)	3	<input checked="" type="checkbox"/>		Grade of C				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>								
ENG 242: Literature of the US 1860 – present (HU)	3	<input type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				
<b>TERM SIX: 76 90 CREDIT HOURS</b>								
ENG Upper Division:	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
ENG 480: Methods of Teaching Composition OR SED 481: English Methods in Secondary School	3	<input checked="" type="checkbox"/>		Grade of C				
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C				
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C				
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C				
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				



Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
ENG 471: Literature for Adolescents (HU)	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 2.50 ASU cumulative GPA
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
ENG 482: Methods of Teaching Language	3	<input checked="" type="checkbox"/>		Grade of C	
ENG 421: Shakespeare	3	<input checked="" type="checkbox"/>		Grade of C	
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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.

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes			
<b>TERM ONE: 0 15 CREDIT HOURS</b>								
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C				
<b>MAT 142: College Mathematics (MA) or higher</b>	3	<input type="checkbox"/>		Grade of C				
FRE Related Field (list in DARS)	3	<input type="checkbox"/>		Grade of C				
FRE Related Field (list in DARS)	3	<input type="checkbox"/>		Grade of C				
FRE 205: Readings in French Literature (G)	3	<input type="checkbox"/>		Grade of C				
<b>TERM TWO: 16 30 CREDIT HOURS</b>								
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA) requirement</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
<b>SPE 222: Orientation Education of the Exceptional Child (SB, C)</b>	3	<input type="checkbox"/>		Grade of C				
Natural Science – Quantitative (SQ):	4	<input type="checkbox"/>		Grade of C				
<b>FRE 311: French Conversation (G)</b>	3	<input checked="" type="checkbox"/>		Grade of C				
Social/Behavioral Sciences (SB):	3	<input type="checkbox"/>						
<b>TERM THREE: 31 45 CREDIT HOURS</b>								
FRE 321: French Literature (L or HU) (H)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Complete FRE 312 and one additional FRE course.</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete CS by term 4</li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>			
<b>FRE 312: French Composition (G)</b>	3	<input checked="" type="checkbox"/>		Grade of C				
<b>BLE 220: Foundations of SEI</b>	3	<input type="checkbox"/>		Grade of C				
SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>						
EDT 180 or EDT 321 (CS): Computer Literacy	3	<input type="checkbox"/>						
<b>TERM FOUR: 46 60 CREDIT HOURS</b>								
FRE 322: French Literature (L or HU)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better.</li><li>Complete BLE 220 with a grade of “C” or better</li><li>Complete CS</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>			
<i>FRE Civilization</i> FRE 394: Special Topics FRE 415: French Civilization I (HU) FRE 416: French Civilization II (HU) FRE 471: Literature Francophone Africa & Caribbean (L or HU) FRE 472: Franco-Canadian Civilization	3	<input checked="" type="checkbox"/>		Grade of C				
<i>FRE Literature</i> FRE 441: French Literature of the 17 <sup>th</sup> Century (HU) FRE 442: French Literature of the 17 <sup>th</sup> Century (HU, H) FRE 445: French Literature of the 18 <sup>th</sup> Century (L or HU) FRE 451: French Poetry of the 19th Century FRE 452: French Novel of the 19 <sup>th</sup> Century (HU) FRE 453: Theater of the 19 <sup>th</sup> Century (L or HU) FRE 461: Modern Narrative (HU) FRE 462: Modern Poetry (HU)	3	<input checked="" type="checkbox"/>		Grade of C				
SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>		Grade of C				
Natural Science – Quantitative or General (SQ/SG):	4	<input type="checkbox"/>						
<b>TERM FIVE: 61 75 CREDIT HOURS</b>								
FRE 315: French Phonetics	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Must possess valid DPS fingerprint clearance to participate in field experience</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				
SLC 479: Introduction to Teaching Foreign Languages (Fall only)	3	<input checked="" type="checkbox"/>		Grade of C				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 2.50 ASU cumulative GPA
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C	
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C	
SLC 480: Methods of Teaching Foreign Languages (spring only)	3	<input checked="" type="checkbox"/>		Grade of C	
SLC 498: Special Topics	3	<input checked="" type="checkbox"/>		Grade of C	
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
FRE 412: Advanced Written French (G)	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 2.50 ASU cumulative GPA
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
FRE 411: Advanced Spoken French (G)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
SED 478: Student Teaching	8-12	<input checked="" type="checkbox"/>		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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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.

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			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for native ASU students only. Not required of transfer students.</li><li>Minimum 2.00 ASU cumulative GPA</li></ul>	
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics (MA) or higher	3	<input type="checkbox"/>		Grade of C		
<b>GCU 102: Introduction to Human Geography (SB, G)</b>	3	<input type="checkbox"/>		Grade of C		
Natural Science – Quantitative or General (SQ/SG) OR Literacy and Critical Inquiry (L)	3-4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA) requirement</li><li>Minimum 2.30 cumulative GPA in geography specialization critical courses</li><li>Minimum 2.30 ASU cumulative GPA</li></ul>	
<b>GCU 121: World Geography (SB, G)</b>	3	<input type="checkbox"/>		Grade of C		
GPH 111: Introduction to Physical Geography (SQ)	4	<input type="checkbox"/>		Grade of C		
<b>SPE 222: Orientation Education of the Exceptional Child (SB, C)</b>	3	<input type="checkbox"/>		Grade of C		
Elective:	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
EDT 180 or EDT 321:Computer Literacy (CS)	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Recommend HST 109 for HU, H and covers US constitution for certification requirement. Minimum 2.30 cumulative GPA in geography specialization critical courses</li><li>Complete CS by end of term 4</li><li>Minimum 2.30 ASU cumulative GPA</li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>	
<i>Physical Geography</i> 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	<input type="checkbox"/>		Grade of C		
<i>Human Geography</i> <b>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)</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<i>Select one course (not already taken):</i> <b>Natural Science – Quantitative or General (SQ/SG) OR Literacy and Critical Inquiry (L)</b>	3-4	<input type="checkbox"/>				
Humanities/Fine Arts and Design (HU) with Awareness Area – Historical (H)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
GPH or GCU Upper Division Elective	3-4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete SQ/SG or L with a “C” or better.</li><li>Minimum 2.30 cumulative GPA in geography specialization critical courses</li><li>Must complete BLE 220 with a grade of “C” or better</li><li>Minimum 2.50 ASU cumulative GPA</li><li>Complete CS</li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
GPH or GCU Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Elective: Recommended EDP 311: Educational Psychology for Teachers (SB)	3	<input type="checkbox"/>		Grade of C		
<b>BLE 220: Foundations of SEI</b>	3	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts and Design(HU)	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li><li>Must possess a valid DPS fingerprint clearance card to participate in field experience</li></ul>	
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
GPH or GCU Upper Division Elective	3-4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li><li>Thirty credits required in Geography specialization</li></ul>	
BLE 407: SEI for Secondary	3	<input type="checkbox"/>		Grade of C		
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C		
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C		
SED 480: Social Studies Methods	3	<input checked="" type="checkbox"/>		Grade of C		
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C		
GCU 414: Teaching Geography Standards	3	<input checked="" type="checkbox"/>		Grade of C		
GPH or GCU Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C		
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
Elective	3	<input type="checkbox"/>				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	

**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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 (German)**  
**Bachelor of Arts in Education (B.A.E.)**  
College of Teacher Education and Leadership (CTEL)  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li><li>Recommend HST 109 for HU, H and covers US constitution for certification requirement</li></ul>
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics (MA) or higher	3	<input type="checkbox"/>		Grade of C	
GER 201: Intermediate German (G)	4	<input type="checkbox"/>		Grade of C	
Humanities/Fine Arts and Design (HU) with Awareness Area (H):	3	<input type="checkbox"/>			
EDT 180/321 Computer Literacy (CS)::	3	<input type="checkbox"/>			
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA) requirement</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>
SPE 222: Orientation Education of the Exceptional Child (SB,C)	3	<input type="checkbox"/>		Grade of C	
Natural Science – Quantitative or General (SQ/SG):	4	<input type="checkbox"/>		Grade of C	
GER 202: Intermediate German (G)	4	<input type="checkbox"/>		Grade of C	
BLE 220: Foundations of SEI:	3	<input type="checkbox"/>		Grade of C	
TERM THREE: 31 45 CREDIT HOURS					
GER 311: German Conversation (G) OR GER 312: German Composition (G)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress Form (online)</li></ul>
GER Upper Division Elective:	3	<input type="checkbox"/>		Grade of C	
SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>		Grade of C	
GER Related Field (reference course list):	3	<input type="checkbox"/>			
Natural Science – Quantitative (SQ):	4				
TERM FOUR: 46 60 CREDIT HOURS					
GER 313: German Composition (G)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better.</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Complete CS</li><li>Must complete at least 56 credits to progress into ITC</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li><li>Complete BLE 220 with a grade of “C” or better</li></ul>
GER Upper Division Elective:	3	<input checked="" type="checkbox"/>		Grade of C	
SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>		Grade of C	
GER Related Field (reference course list):	3	<input type="checkbox"/>		Grade of C	
TEL 315: Child and Adolescent Development (SB)	3	<input checked="" type="checkbox"/>		Grade of C	
TERM FIVE: 61 75 CREDIT HOURS					
GER 411: Advanced Grammar and Conversation (G)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>
GER 421: German Literature (HU)	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C	
SLC 479: Introduction to Teaching Foreign Languages	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
TERM SIX: 76 90 CREDIT HOURS					
GER 412: Advanced Grammar and Composition (G)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>
BLE 407: SEI for Secondary	3	<input type="checkbox"/>		Grade of C	
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C	
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C	
SLC 480: Methods of Teaching Foreign Languages	3	<input checked="" type="checkbox"/>		Grade of C	
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of C	
TERM SEVEN: 91 105 CREDIT HOURS					
GER 422: German Literature (L or HU)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of C	
SLC 498	3	<input checked="" type="checkbox"/>		Grade of C	
TERM EIGHT: 106 120 CREDIT HOURS					
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>

**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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**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 (History)**  
**Bachelor of Arts in Education (B.A.E.)**  
College of Teacher Education and Leadership (CTEL)  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes			
<b>TERM ONE: 0 15 CREDIT HOURS</b>								
<b>ASU 101: The ASU Experience</b>	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C				
<b>MAT 142: College Mathematics (MA) or higher</b>	3	<input type="checkbox"/>		Grade of C				
<b>HIS 103/HST 109: United States to 1865 (HU/SB, H) OR HIS 104/HST 110: United States since 1865 (SB, H)</b>	3	<input type="checkbox"/>		Grade of C				
Non-US History (list in DARS):	3	<input type="checkbox"/>		Grade of C				
Elective	3	<input type="checkbox"/>						
<b>TERM TWO: 16 30 CREDIT HOURS</b>								
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA) requirement</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
HST Related Area (AFR, AFH, AFS, AIS, CCS, CSH, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST):	3	<input type="checkbox"/>		Grade of C				
Natural Science – Quantitative or General (SQ/SG)	4	<input type="checkbox"/>						
<b>HIS 103/HST 109: United States to 1865 (HU/SB, H) OR HIS 104/HST 110: United States since 1865 (SB, H)</b>	3	<input type="checkbox"/>		Grade of C				
<b>SPE 222: Orientation Education of the Exceptional Child (SB,C)</b>	3	<input type="checkbox"/>		Grade of C				
<b>TERM THREE: 31 45 CREDIT HOURS</b>								
<b>US History Upper Division (list in DARS):</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>			
<b>BLE 220: Foundations of SEI</b>	3	<input type="checkbox"/>		Grade of C				
HST Related Area Upper Division (AFR, AFH, AFS, AIS, CCS, CSH, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST):	3	<input checked="" type="checkbox"/>		Grade of C				
Non-US History Upper Division (list in DARS):	3	<input checked="" type="checkbox"/>		Grade of C				
<b>EDT 180 or EDT 321 Computer Literacy (CS):</b>	3	<input type="checkbox"/>		Grade of C				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>								
US History Upper Division (list in DARS):	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Must complete at least four HIS/HST courses by the end of the semester.</li><li>Complete SQ/SG with a “C” or better.</li><li>Must complete BLE 220 with a grade of “C” or better</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Complete CS</li><li>Must complete at least 56 credits to progress into PTPP.</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>			
US History Upper Division (list in DARS):	3	<input checked="" type="checkbox"/>		Grade of C				
HST Related Area Upper Division (AFR, AFH, AFS, AIS, CCS, CSH, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST):	3	<input checked="" type="checkbox"/>		Grade of C				
HST Related Area (AFR, AFH, AFS, AIS, CCS, CSH, CSS, ECN, GCU, GPH, POS, SOC, WSH, WST):	3	<input type="checkbox"/>		Grade of C				
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>						
<b>TERM FIVE: 61 75 CREDIT HOURS</b>								
<b>HIS/HST 300: Historical Inquiry (L/HU/SB, H)</b>	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Minimum 2.75 cumulative GPA in history specialization courses</li><li>Minimum 2.50 ASU cumulative GPA</li><li>Must possess valid DPS fingerprint clearance card to participate in field experience</li></ul>	
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				
<b>TERM SIX: 76 90 CREDIT HOURS</b>								
<b>HIS/HST 498: History Pro-Seminar (L)</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.5 cumulative GPA in history specialization courses</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C				
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C				
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C				
HST 480: Methods of Teaching History in the Classroom OR SED 480: Methods of Teaching Social Studies	3	<input checked="" type="checkbox"/>		Grade of C				
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>								
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.75 cumulative GPA in history specialization courses</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C				
HST 481: Methods of Teaching History in the Community	3	<input checked="" type="checkbox"/>		Grade of C				
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				
US History Upper Division	3	<input checked="" type="checkbox"/>		Grade of C				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>								
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			



**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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.

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li><li>Recommend HST 109 for HU, H and meets the US constitution requirement for certification.</li></ul>
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics (MA) or higher	3	<input type="checkbox"/>		Grade of C	
JPN 313: Third-Year Japanese I (G)	3	<input checked="" type="checkbox"/>		Grade of C	
Humanities/Fine Arts and Design (HU) with Historical (H)	3	<input type="checkbox"/>			
Elective	1	<input type="checkbox"/>			
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA) requirement</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li><li>Must complete CS by end of term 4</li></ul>
JPN 314: Third-Year Japanese II (G)	3	<input checked="" type="checkbox"/>		Grade of C	
Natural Science – Quantitative or General (SQ/SG)	4	<input type="checkbox"/>			
SPE 222: Orientation Education of the Exceptional Child (SB,C)	3	<input type="checkbox"/>		Grade of C	
EDT 180 or EDT 321 Computer Literacy (CS)	3	<input type="checkbox"/>			
TERM THREE: 31 45 CREDIT HOURS					
Japanese Upper Division Elective (list on page 2)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Complete one upper division JPN course.</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit intent to progress form (online)</li></ul>
JPN Related Area: Historical Overview (list on page 2)	3	<input type="checkbox"/>		Grade of C	
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>		Grade of C	
Japanese Upper Division Elective (list on page 2)	3	<input checked="" type="checkbox"/>		Grade of C	
SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>		Grade of C	
TERM FOUR: 46 60 CREDIT HOURS					
TEL 315: Child and Adolescent Development (SB)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better.</li><li>Complete CS</li><li>Must complete BLE 220 with a grade of “C” or better</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>
Japanese Upper Division Elective (list on page 2)	3	<input checked="" type="checkbox"/>		Grade of C	
BLE 220: Foundations of SEI	3	<input type="checkbox"/>		Grade of C	
JPN Related Area (list on page 2)	3	<input type="checkbox"/>		Grade of C	
SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>			
TERM FIVE: 61 75 CREDIT HOURS					
JPN 414: Introduction to Classical Japanese	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li><li>Must possess valid DPS fingerprint clearance card to participate in field experience</li></ul>
SLC 421: Japanese Literature in Translation	3	<input checked="" type="checkbox"/>		Grade of C	
SLC 479: Introduction to Teaching Foreign Languages	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
TERM SIX: 76 90 CREDIT HOURS					
JPN 321: Advanced Grammar and Composition	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C	
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C	
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C	
SLC 480: Methods of Teaching Foreign Languages	3	<input checked="" type="checkbox"/>		Grade of C	
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
TERM SEVEN: 91 105 CREDIT HOURS					
Japanese Upper Division Elective (list on page 2)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>
Japanese Upper Division Elective (list on page 2)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
SLC 498	3	<input type="checkbox"/>			
TERM EIGHT: 106 120 CREDIT HOURS					
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>

**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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.

**Related Area: Historical Overview**

ARS 201: Art of Asia (HU, H, G)  
 ARS 473: Art of Japan (HU)  
 HST 108: Introduction to Japan (SB, G, H)  
 HST 387: Japan (L/SB, H)  
 REL 355: Japanese Cities and Cultures to 1800 (L/HU, H)  
 REL 444: Religion in Japan (HU, H, G)

**Upper Division Elective**

JPN 309: Intermediate Japanese Conversation  
 JPN 310: Intermediate Japanese Conversation  
 JPN 311: Japanese Conversation and Composition (G)  
 JPN 312: Japanese Conversation and Composition (G)  
 JPN 394: Special Topics  
 JPN 435: Advanced Readings  
 JPN 485: Problems of Translation  
 JPN 494: Special Topics

**Related Area**

ARS 472: Art of China (HU)  
 ARS 473: Art of Japan (HU)  
 ARS 475: Chinese Painting (HU)  
 GCU 326: Geography of Asia (SB, G)  
 HST 106: Asian Civilizations (HU/SB, G, H)  
 HST 107: Asian Civilizations (SB, G, H)  
 HST 108: Introduction to Japan (SB, G, H)  
 HST 201: Historical Themes in Asia ((SB, H)  
 HST 383: China (SB, H)  
 HST 384: China (SB, G, H)  
 HST 385: History of Chinese Medicine (HU, H, G)  
 HST 386: Interpreting China's Classics (L/SB, H)  
 HST 387: Japan (L/SB, H)  
 HST 388: Japan (SB, G, H)  
 HST 452: Chinese Cultural History (SB, G, H)  
 POS 445: Asian Political Thought (SB, G)  
 POS 451: China, Japan, and the Koreans (SB, G)  
 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, H)  
 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.)**  
College of Teacher Education and Leadership (CTEL)  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li><li>Recommend HST 109 for HU, H and meets US constitution requirement for certification.</li></ul>	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
MAT 270: Calculus with Analytic Geometry I (MA)	4	<input type="checkbox"/>		Grade of C		
Natural Science – Quantitative or General (SQ/SG):	4	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts and Design(HU) with Awareness Area (H):	3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
ACO 101: Introduction to Computer Science (CS) OR CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming with Java (CS) OR CSE 205: Concepts of Computer Science and Data Structures (CS)	3	<input type="checkbox"/>		Grade of C		
MAT 271: Calculus with Analytic Geometry II	4	<input type="checkbox"/>		Grade of C		
SPE 222: Orientation Education of the Exceptional Child (SB,C)	3	<input type="checkbox"/>		Grade of C		
Elective (DCI 211 recommended):	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
MAT 300: Mathematical Structures (L)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First -Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>	
MAT 272: Calculus with Analytic Geometry III	4	<input type="checkbox"/>		Grade of C		
Social Behavioral (SB) Recommend EDP 311	3	<input type="checkbox"/>				
Elective:	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU) with Awareness Area – Global (G):	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
MAT 310: Introduction to Geometry (spring only)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Must complete BLE 220 with a grade of “C” or better</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
STP 420: Introductory Applied Statistics (CS)	3	<input checked="" type="checkbox"/>		Grade of C		
Natural Science – Quantitative (SQ):	3	<input type="checkbox"/>		Grade of C		
BLE 220: Foundations of SEI	3	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
MAT 370 Intermediate Calculus OR MAT 371: Advanced Calculus I	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>MAT 300 completed with a C or better</li><li>Minimum 2.50 ASU cumulative GPA</li><li>Must possess valid DPS fingerprint card to participate in field experience</li></ul>	
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
TERM SIX: 76 90 CREDIT HOURS						
MTE 483: Mathematics in Secondary Schools (Spring only OR MAT 411: History and Philosophy of Mathematics (HU, H) )	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li><li>SED 397: Field Experience</li></ul>	
MAT 342: Applied Linear Algebra	3	<input checked="" type="checkbox"/>		Grade of C		
BLE 407: SEI for Secondary	3	<input type="checkbox"/>		Grade of C		
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C		
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C		
MTE 482: Methods Teaching Math in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C		
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
TERM SEVEN: 91 105 CREDIT HOURS						
MAT 443: Introduction to Abstract Algebra OR MAT 445: Theory of Numbers OR MAT 447: Cryptography	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C		
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C		
MTE 494: Advanced Methods Teaching Mathematics Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C		
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
TERM EIGHT: 106 120 CREDIT HOURS						
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	

**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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 (Natural Sciences) –  
Bachelor of Arts in Education (B.A.E.)**  
College of Teacher Education and Leadership (CTEL)  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>MAT 170 is recommended for this major; must complete university MA requirement by end of term 2</li><li>Minimum 2.50 ASU cumulative and critical science content area GPA <i>recommended</i></li><li>Recommend HST 109/HIS103 for HU/H and meets US Constitution requirement for certification</li></ul>	
<b>ENG 101 and ENG 102: First-Year Composition OR ENG 107 and ENG 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grace of C		
<b>MAT 170: Pre-calculus or higher (MA)</b>	3	<input type="checkbox"/>		Grace of C		
<b>Science Content Course Area #1 (SG) <i>see notes</i></b>	4	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts and Design (HU) with Awareness Area (H)	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ENG 101 and ENG 102: First-Year Composition OR ENG 107 and ENG 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative and critical science content area GPA <i>recommended</i></li><li><b>Code for any MA as critical in Term 2</b></li></ul>	
<b>Science Content Course Area #1 (SQ) <i>see notes</i></b>	4	<input type="checkbox"/>		Grace of C		
<b>Science Content Course Area #2 course <i>see notes</i></b>	4	<input type="checkbox"/>		Grade of C		
<b>SPE 222: Orientation Education of the Exceptional Child (SB, C)</b>	3	<input type="checkbox"/>		Grade of C		
EDT 180 or EDT 321: Computer Literacy (CS)	3	<input type="checkbox"/>		Grade of C		
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>Science Content Course Area #1 <i>see notes</i></b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; ENG 102 OR ENG 107 &amp; ENG 108 OR 105</li><li>Minimum 2.50 ASU cumulative and critical science content area GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress Form (online)</li></ul>	
<b>Science Content Course Area #2 course <i>see notes</i></b>	4	<input type="checkbox"/>		Grade of C		
Science Content Course Area #3 course <i>see notes</i>	4	<input type="checkbox"/>		Grade of C		
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
Humanities/Fine Arts and Design (HU) and Awareness Area (G)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>Science Content Course Area #1 <i>see notes</i></b>	4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete all critical science content area critical courses</li><li>Minimum 2.50 ASU cumulative and critical science content area GPA <b>required</b></li><li>Must complete BLE 220 with a “C” or better</li><li>Must complete EDT 180/321 with a “C” or better</li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
<b>Science Content Course Area #2 course <i>see notes</i></b>	4	<input type="checkbox"/>		Grade of C		
Social Behavioral (SB) Recommend EDP 311	3	<input checked="" type="checkbox"/>				
Science Content Area #3 <i>see notes</i>	3	<input type="checkbox"/>		Grade of C		
<b>BLE 220: Foundations of SEI</b>	3	<input type="checkbox"/>		Grade of C		
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Must possess DPS fingerprint clearance card to participate in field experience</li><li>Minimum 2.50 ASU cumulative GPA .</li></ul>	
TEL 313: Educational Technology in the K-12 Classroom	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314: Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
Science Content Area #1 (course list in DARS)	3	<input type="checkbox"/>		Grade of C		
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
Science Content Area #2 <i>see notes</i>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C		
RDG 323: Literacy Processes in Content Area	3	<input checked="" type="checkbox"/>		Grade of C		
SED 482: Methods of Teaching Science	3	<input checked="" type="checkbox"/>		Grade of C		
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
SCN 494: Biology/Physics for Teachers OR CHM 394/494 – <i>should be in content area #1</i>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li><li></li></ul>	
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C		
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C		
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
Science Content Area #1 <i>see notes</i>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
SED 478: Student Teaching	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	

**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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)

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.

**Additional Notes:**

**Science Content Area #1** – 24 credit hours in one content area that includes a full year of introduction courses with labs and a minimum of 6 credits upper division.

**Science Content Area #2** – 15 credit hours in a second content area or is equivalent to one year of introduction courses with labs.

**Science Content Area #3** – 7 credit hours in a third content area that includes or is equivalent to one year of introduction courses with labs.

These courses are recommended for the following content areas. All courses are not offered every semester, students are strongly encouraged to work with their advisor to identify available courses and determine pre-requisites and co-enrollment requirements.

<b>Biology:</b>	<b>Physics:</b>	<b>Chemistry:</b>
BIO 187: General Biology I (SG) - 4	PHY 150: Physics I (SQ) - 4 or PHY 121/122: University Physics I: Mechanics & Lab (SQ) - 4	CHM 113: General Chemistry I (SQ) - 4
BIO 188: General Biology II (SQ) - 4	PHY 151: Physics II (SQ) - 4 or PHY 131/132: University Physics II electricity & Magnetism & Lab (SQ) - 4	CHM 116: General Chemistry II (SQ) - 4
BIO 360 or LSC 358/395: Animal Physiology - 3 or BIO 320 or LSC 320-321: Fundamentals of Ecology - 3	PHY 252: Physics III (SQ) - 4 or PHY 241/242: University Physics III - 4	CHM 233/237: General Organic Chemistry I and Lab - 4
MIC 205/206: Microbiology (SG) - 3	PHY 201: Mathematical Methods in Physics I (CS) - 3	CHM 234/238: General Organic Chemistry II and Lab - 4
MIC 220/206: Biology of Microorganisms - 3	PHY 302: Mathematical Methods in Physics II - 3	CHM 341: Elementary Physical Chemistry - 3 or CHM 345: Physical Chemistry I - 3 or CHM 346: Physical Chemistry II - 3
BIO/LSC 345: Organic Evolution - 3	PHY 310: Classical Particles, Fields, and Matter I - 3	BCH 361: Principles of Biochemistry - 3 or CHM 302: Environmental Chemistry - 3 or CHM 453: Inorganic Chemistry - 3
	PHY 333: Electronic Circuits and Measurements - 3	
	PHY 314: Quantum Physics I - 3	
	PHY 361: Introductory Modern Physics - 3	
SCN 494: Biology for Teachers	SCN 494: Physics for Teachers	CHM 394/494: Special Topics

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title <i>(courses in <b>bold/shading</b> are critical)</i>	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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU Freshmen students only. Not required of transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Recommended SQ: BIO 100</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C		
Science (SQ)	4	<input type="checkbox"/>		Grade of C		
PPE 210: Teaching Fitness Activities for K-12 Students, PPE 215: Teaching Team Sports, PPE 220: Teaching Lifetime Activity K-12, PPE 225: Teaching Cooperative and Initiative Games Or EXW 212: Instructional Competency Laboratory	2	<input type="checkbox"/>		Grade of C		
Elective (recommend TEL 111: Exploration of Education)	3	<input type="checkbox"/>				
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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>MA (MAT 142 or above) must be completed</li><li>Recommended: HST 109 (HU, H) to fulfill US Constitution requirement for Arizona teacher certification</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
SPE 222: Orientation to Education of Exceptional Children (SB,C)	3	<input type="checkbox"/>		Grade of C		
BIO 201: Human Anatomy/Physiology I (SG)	4	<input type="checkbox"/>		Grade of C		
PPE 210: Teaching Fitness Activities for K-12 Students, PPE 215: Teaching Team Sports, PPE 220: Teaching Lifetime Activity K-12, PPE 225: Teaching Cooperative and Initiative Games Or EXW 212: Instructional Competency Laboratory	2	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts (HU) with Awareness Area (H)	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
PGS 101: Introduction to Psychology (SB)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Recommend Literacy and Critical Inquiry (L): PPE 365: Teaching Physical Activity Concepts</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit intent to progress form (online)</li></ul>	
EXW 300: Foundations of Exercise and Wellness (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
BIO 202: Human Anatomy/Physiology II	4	<input type="checkbox"/>		Grade of C		
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
BLE 220: Foundations of SEI	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
EDP 311: Educational Psychology for Teachers (SB)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete BIO 202</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
EXW 310: Computers Skills and Technology for Exercise and Wellness (CS)	3	<input checked="" type="checkbox"/>		Grade of C		
EXW 450: Cultural and Social Issues in Exercise and Wellness (L or SB; & C)	3	<input checked="" type="checkbox"/>		Grade of C		
PPE 210: Teaching Fitness Activities for K-12 Students, PPE 215: Teaching Team Sports, PPE 220: Teaching Lifetime Activity K-12, PPE 225: Teaching Cooperative and Initiative Games Or EXW 212: Instructional Competency Laboratory	2	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Humanities/Fine Arts (HU) with Awareness Area (G)	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
TEL 315: Childhood and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
EXW 315: Physiological Foundations of Movement OR EXW 330: Kinesiological Foundations of Movement	3-4	<input checked="" type="checkbox"/>		Grade of C		
Upper Division Elective (recommend PPE or EXW prefixes)	3	<input checked="" type="checkbox"/>		Grade of C		
BLE 407: SEI for Secondary Students	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input checked="" type="checkbox"/>		Grade of C		
TERM SIX: 76 90 CREDIT HOURS						
EXW 315: Physiological Foundations of Movement OR EXW 330: Kinesiological Foundations of Movement	3-4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Science courses (SQ and SQ/SG) completed</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
PPE 360: Adaptive and Inclusive Physical Education	3	<input checked="" type="checkbox"/>		Grade of C		
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C		
PPE 350: Elementary Methods	3	<input checked="" type="checkbox"/>		Grade of C		
PPE 355: Secondary Methods	3	<input type="checkbox"/>				
PPE 474: Field Experience	1	<input type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
PPE 484: Internship: Student Teaching (Elementary)	6	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>All General Studies and School of Education requirements must be complete</li><li>Minimum 2.50 ASU cumulative</li></ul>	
TEL 314: Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
PPE 480: Professional Seminar for Physical Education	3	<input checked="" type="checkbox"/>		Grade of C		



Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
PPE 484: Internship: Student Teaching (Secondary)	6	<input checked="" type="checkbox"/>		Grade of C	• Minimum 2.5 cumulative ASU GPA at end of the semester
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			

**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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

**Major Map : Secondary Education (Physics) –  
Bachelor of Arts in Education (B.A.E.)**  
College of Teacher Education and Leadership (CTEL)  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li><li>Recommend HST 109 for HU, H and meets the US constitution requirement for certification.</li></ul>	
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
<b>MAT 270: Calculus with Analytic Geometry I (MA)</b>	4	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts and Design (HU) with Awareness Area – Historical (H):	3	<input type="checkbox"/>				
Humanities/Fine Arts and Design (HU) with Awareness Area – Global (G):	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum PHY specialization critical course GPA of 2.00 or higher (option 1: PHY 150, PHY 151 and PHY 252 OR option 2: PHY 121/122, PHY 131/132 and PHY 241)</li><li>Complete SPE 222 with a “B” or better</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>	
<b>PHY 150: Physics I OR PHY 121: University Physics I: Mechanics and PHY 122: University Physics Laboratory I (SQ)</b>	4	<input type="checkbox"/>		Grade of C		
<b>MAT 271: Calculus with Analytic Geometry II (MA)</b>	4	<input type="checkbox"/>		Grade of C		
Elective:	3	<input type="checkbox"/>				
<b>SPE 222: Orientation Education of the Exceptional Child (SB,C)</b>	3	<input type="checkbox"/>		Grade of C		
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>PHY 151: Physics II OR PHY 131: University Physics II: Electricity and Magnetism &amp; PHY 132: University Physics II: Electricity and Magnetism Lab</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Complete PHY 151 OR PHY 131&amp; 132</li><li>Minimum PHY specialization critical course GPA of 2.00 or higher (option 1: PHY 150, PHY 151 and PHY 252 OR option 2: PHY 121/122, PHY 131/132 and PHY 241)</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit intent to progress form online</li></ul>	
<b>MAT 272: Calculus with Analytic Geometry III (MA)</b>	4	<input type="checkbox"/>		Grade of C		
Literacy and Critical Inquiry (L):	3	<input type="checkbox"/>				
Elective:	3	<input type="checkbox"/>				
Elective:	1	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>PHY 252: Physics III OR PHY 241: University Physics III</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum PHY specialization critical course GPA of 2.00 or higher (option 1: PHY 150, PHY 151 and PHY 252 OR option 2: PHY 121/122, PHY 131/132 and PHY 241)</li><li>Must complete CS by end of term 4</li><li>Complete PHY 252 or PHY 241</li><li>Complete BLE 220 with a “C” or better</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP.</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
PHY 201: Mathematical Methods in Physics I (CS)	3	<input type="checkbox"/>		Grade of C		
Social Behavioral (SB) Recommend EDP 311:	3	<input checked="" type="checkbox"/>		Grade of C		
PHY Upper Division Course:	3	<input checked="" type="checkbox"/>		Grade of C		
<b>BLE 220: Foundations of SEI</b>	3	<input type="checkbox"/>		Grade of C		
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
PHY 302: Mathematical Methods in Physics II	2	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li><li>Must possess valid DPS fingerprint clearance card</li></ul>	
PHY 310: Classical Particles, Field, Matter I	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
PHY 333: Electric Circuits and Measurements	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C		
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C		
PHY 480: Methods for Teaching Physics	3	<input checked="" type="checkbox"/>		Grade of C		
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of C		
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
PHY 314 Quantum Physics OR PHY 361: Introductory Modern Physics	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete 10 hours of upper division PHY coursework</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
PHY Upper Division Course:	4	<input checked="" type="checkbox"/>		Grade of C		
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C		
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C		
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
PHY Upper Division Course:	3	<input checked="" type="checkbox"/>		Grade of C		
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	

**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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 (Political Science) –  
Bachelor of Arts in Education (B.A.E.)**  
College of Teacher Education and Leadership (CTEL)  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title <i>(courses in <b>bold/shading</b> are critical)</i>	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM ONE: 0 15 CREDIT HOURS</b>					
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics (MA) or higher	3	<input type="checkbox"/>		Grade of C	
POS 110: Government and Politics (SB) OR POS 150: Comparative Government/POS 160: Global Politics(SB, G)	3	<input type="checkbox"/>		Grade of C	
Humanities/Fine Arts (HU):	3	<input type="checkbox"/>			
Related Area (AFR, AFH, AFS, ASB, ASM, CCS, CSH, CSS, ECN, GCU, GPH, HST, PGS, PSY, SOC, WSH, WST)	3	<input type="checkbox"/>			
<b>TERM TWO: 16 30 CREDIT HOURS</b>					
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA) requirement</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>
POS 110: Government and Politics (SB) OR POS 150: Comparative Government/POS 160: Global Politics(SB, G)	3	<input type="checkbox"/>		Grade of C	
POS 210: Political Ideologies (SB)	3	<input type="checkbox"/>		Grade of C	
Select one course (not already taken): Natural Science – Quantitative or General (SQ/SG) OR Literacy and Critical Inquiry (L)	3-4	<input type="checkbox"/>			
SPE 222: Orientation Education of the Exceptional Child (SB,C)	3	<input type="checkbox"/>		Grade of C	
<b>TERM THREE: 31 45 CREDIT HOURS</b>					
POS 301: Empirical Political Inquiry (SB)	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Complete CS by end of Term 4</li><li>MILESTONE: Submit Intent to Progress form (online)</li><li>Recommend HST 109 for HU, H and covers US constitution for certification requirement.</li></ul>
POS Elective:	3	<input type="checkbox"/>		Grade of C	
EDT 180 or EDT 321: Computer Literacy (CS):	3	<input type="checkbox"/>			
Select one course (not already taken): Natural Science – Quantitative or General (SQ/SG) OR Literacy and Critical Inquiry (L)	3-4	<input type="checkbox"/>		Grade of C	
Humanities/Fine Arts (HU) with Awareness Area–Historical (H):	3	<input type="checkbox"/>			
<b>TERM FOUR: 46 60 CREDIT HOURS</b>					
POS Upper Division Elective:	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better.</li><li>Must complete four POS courses by the end of the semester.</li><li>Complete BLE 220 with a “C” or better</li><li>Complete CS</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP.</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>
POS Upper Division Elective:	3	<input checked="" type="checkbox"/>		Grade of C	
Related Area (AFR, AFH, AFS, ASB, ASM, CCS, CSH, CSS, ECN, GCU, GPH, HST, PGS, PSY, SOC, WSH, WST)	3	<input type="checkbox"/>		Grade of C	
Natural Science – Quantitative (SQ):	4	<input type="checkbox"/>		Grade of C	
BLE 220: Foundations of SEI	3	<input type="checkbox"/>		Grade of C	
<b>TERM FIVE: 61 75 CREDIT HOURS</b>					
POS 311: Arizona Constitution OR POS 417: The Arizona Political System (SB)	2-3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Must possess valid DPS fingerprint clearance card to participate in field experience.</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C	
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
POS Upper Division Elective:	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>
BLE 407: SEI for Secondary	3	<input checked="" type="checkbox"/>		Grade of C	
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C	
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C	
SED 480: Methods of Teaching Social Studies	3	<input checked="" type="checkbox"/>		Grade of C	
SED 397 Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
POS Upper Division Elective:	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>
Related Area (AFR, AFH, AFS, ASB, ASM, CCS, CSH, CSS, ECN, GCU, GPH, HST, PGS, PSY, SOC, WSH, WST)	3	<input type="checkbox"/>		Grade of C	
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
HST 480: Method Teaching History: Classroom Resources OR HST 481: Method Teaching History: Community Resources	3	<input checked="" type="checkbox"/>		Grade of C	
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>

**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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.

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes			
<b>TERM ONE: 0 15 CREDIT HOURS</b>								
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C				
<b>MAT 142: College Mathematics (MA) or higher</b>	3	<input type="checkbox"/>		Grade of C				
Natural Science – Quantitative or General (SQ/SG):	4	<input type="checkbox"/>		Grade of C				
EDT 180 or EDT 321: Computer Literacy (CS):	3	<input type="checkbox"/>						
Elective:	1	<input type="checkbox"/>						
<b>TERM TWO: 16 30 CREDIT HOURS</b>								
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA) requirement</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA recommended</li></ul>			
<b>SPE 222: Orientation Education of the Exceptional Child (SB,C)</b>	3	<input type="checkbox"/>		Grade of C				
Social Behavioral (SB) with Awareness Area – Historical (H)	3	<input type="checkbox"/>						
<b>BLE 220: Foundations of SEI</b>	3	<input type="checkbox"/>		Grade of C				
Natural Science – Quantitative (SQ):	4	<input type="checkbox"/>						
<b>TERM THREE: 31 45 CREDIT HOURS</b>								
SPA 325: Introduction to Hispanic Literature (HU)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Complete 3 SPA upper division specialization courses</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>			
SPA 412: Advanced Conversation and Composition (G)	3	<input checked="" type="checkbox"/>		Grade of C				
SPA Civilizations (list on page 2):	3	<input checked="" type="checkbox"/>		Grade of C				
SPA Elective (list on page 2):	3	<input checked="" type="checkbox"/>		Grade of C				
SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>		Grade of C				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>								
SPA 400: Introduction to Spanish Linguistics	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete SQ/SG with a “C” or better.</li><li>Complete BLE 220 with a “C” or better</li><li>Complete CS</li><li>Minimum 2.50 ASU cumulative and critical content area course GPA <b>required</b></li><li>Must complete at least 56 credits to progress into PTPP.</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>			
SPA 425: Spanish Literature (HU)	3	<input checked="" type="checkbox"/>		Grade of C				
SPA Literature (list on page 2):	3	<input checked="" type="checkbox"/>		Grade of C				
SPA Elective (list on page 2):	3	<input checked="" type="checkbox"/>		Grade of C				
SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>						
<b>TERM FIVE: 61 75 CREDIT HOURS</b>								
SPA 420: Applied Spanish Linguistics (L)	3	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Must possess valid DPS fingerprint clearance card to participate in field experience.</li><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
SLC 479: Introduction to Teaching Foreign Languages	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 311: Instruction and Management in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 315: Child and Adolescent Development	3	<input checked="" type="checkbox"/>		Grade of C				
TEL 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				
<b>TERM SIX: 76 90 CREDIT HOURS</b>								
SPA Literature (list on page 2) :	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
BLE 407: SEI for Secondary	3	<input type="checkbox"/>		Grade of C				
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C				
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>		Grade of C				
SLC 480: Methods of Teaching Foreign Languages	3	<input checked="" type="checkbox"/>		Grade of C				
SED 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>								
SPA Literature (list on page 2):	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			
SLC 498: Interdisciplinary Capstone Seminar	3	<input checked="" type="checkbox"/>		Grade of C				
SPA Civilizations (list on page 2):	3	<input checked="" type="checkbox"/>		Grade of C				
SED 321: Critical Issues in SED (L)	3	<input checked="" type="checkbox"/>		Grade of C				
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C				
SED 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>								
SED 478: Student Teaching in Secondary Schools	8-12	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>			

**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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.

**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: 19<sup>th</sup> Century Spanish American Narrative  
 SPA 456: 20<sup>th</sup> 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 two from the following:**

SPA 471: Civilization of the Spanish Southwest  
 SPA 472: Spanish American Civilization (HU, H, G)  
 SPA 473: Spanish Civilization (HU/SB, G)

**SPA Literature - select three 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

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum 2.00 ASU cumulative GPA</li><li>Recommend HST 109/HIS 103 for HU, H and covers US constitution for certification requirement.</li></ul>	
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C		
<b>MAT 142: College Mathematics/or higher (MA)</b>	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU) with Awareness Area – Historical (H)	3	<input type="checkbox"/>				
Elective (Recommend TEL 111: Exploration of Education )	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete Mathematical Studies (MA)</li><li>Complete SPE 222</li><li>Minimum 2.30 ASU cumulative GPA</li></ul>	
<i>Select one course:</i> <b>Literacy and Critical Inquiry (L) Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>		Grade of C		
<b>MTE 180: Mathematics for Elementary Teachers I</b>	3	<input type="checkbox"/>		Grade of C		
<b>SPE 222: Orientation to Education of Exceptional Children (SB, C)</b>	3	<input type="checkbox"/>		Grade of C		
Awareness Area – Global (G)	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>MTE 181: Mathematics for Elementary Teachers II</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105.</li><li>Complete MTE 180.</li><li>Minimum 2.50 ASU cumulative GPA</li><li>MILESTONE: Submit Intent to Progress form (online)</li></ul>	
<b>EDT 180/EDT 321: Computer Literacy (CS)</b>	3	<input type="checkbox"/>		Grade of C		
<i>Select one course (not already taken):</i> <b>Literacy and Critical Inquiry (L) Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>		Grade of C		
Elective:	3	<input type="checkbox"/>				
Social/Behavior Science (SB)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
Elective: (Recommend EDP 311)	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete SQ/SG or L with a “C” or better.</li><li>Complete MTE 181,</li><li>Minimum 2.50 ASU cumulative GPA</li><li>Must complete BLE 220 with a grade of “C” or better</li><li>Compete CS by end of Term 4</li><li>Must complete at least 56 credits to progress into PTPP.</li><li>MILESTONE: Attend PTPP Enrollment Workshop</li></ul>	
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>		Grade of C		
<i>Select one course (not already taken):</i> <b>Literacy and Critical Inquiry (L) Natural Science – Quantitative or General (SQ/SG) OR Natural Science – Quantitative (SQ)</b>	3-4	<input type="checkbox"/>		Grade of C		
<b>BLE 220: Foundations of SEI</b>	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
TEL 311: Instruction, Management, Assessment in the Inclusive Classroom	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
TEL 313: Educational Technology in the K-12 Classroom	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314: Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Childhood and Adolescent Development (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
EED 433: Language Arts Methods, Management and Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 396: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
RDG 322: Language and Literacy 1 in Elementary Schools	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
SPE 310: Professional Practices and Foundations in SPE	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 317: Special Ed for Culturally and Linguistically Diverse Children	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 322: Behavior Management and Consultation	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 397: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
Elective	2					
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
SPE 320: Assessment and Evaluation in SPE (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
SPE 424: Methods and Technology in Cross- Cat SPE	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 431: Collaborative Teaching Models for General Ed	3	<input checked="" type="checkbox"/>		Grade of C		
EED 412: Mathematics in Elementary Schools	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 496: Field Experience	1	<input checked="" type="checkbox"/>		Grade of Y		
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
SPE 475: Student Training in Special Education	8	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"><li>Minimum 2.50 ASU cumulative GPA</li></ul>	
EED 475: Student Teaching in Elementary Education	8	<input checked="" type="checkbox"/>				



**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)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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:**

Minimum 3.00 cumulative GPA required in BLE 220, SPE 309, SPE 222, MTE 180 and MTE 181.

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: Aeronautical Management Technology  
(Air Transportation Management) –  
Bachelor of Science (B.S.)**  
College of Technology and Innovation, Polytechnic Campus  
Catalog Year: 2009-2010

			Completed ATP:    Yes <input type="checkbox"/> No <input type="checkbox"/>		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0 15 CREDIT HOURS					
AMT 101: Introduction to Aeronautical Management Technology	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is combined with AMT 101</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>*Mathematical Studies (MA) designation approval pending</li></ul>
AMT 182: Private Pilot Ground School	3	<input type="checkbox"/>		Grade of C	
AMT 220: Aviation Meteorology	3	<input type="checkbox"/>		Grade of C	
MA course: (APM 265: Mathematics of Change I *)	3	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
TERM TWO: 16 30 CREDIT HOURS					
PHY 111: General Physics & PHY 113: Laboratory (SQ)	3/1	<input type="checkbox"/>			
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	<input type="checkbox"/>			
PGS 101: Introduction to Psychology (SB)	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
TERM THREE: 31 45 CREDIT HOURS					
AMT 280: Aerospace Structures, Materials, Systems	4	<input type="checkbox"/>		Grade of C	
PHY 112: General Physics & PHY 114: Laboratory (SQ)	3/1	<input type="checkbox"/>			
ACC 231: Uses of Accounting Information I	3	<input type="checkbox"/>			
AMT 201: Air Traffic Control	3	<input type="checkbox"/>		Grade of C	
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C) and Historical Awareness (H)	3	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
AMT 287: Aircraft Powerplants	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>First-Year Composition requirement completed</li><li>Minimum grade of C in all AMT courses</li></ul>
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
General Elective	2	<input type="checkbox"/>			
TERM FIVE: 61 75 CREDIT HOURS					
AMT 308: Air Transportation (G)	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 350: Aircraft Design and Logistics Management	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 442: Aviation Law/Regulations	3	<input checked="" type="checkbox"/>		Grade of C	
OMT 343: Occupational Safety and Ergonomics	3	<input checked="" type="checkbox"/>			
General Elective	3	<input type="checkbox"/>			
General Elective	3	<input type="checkbox"/>			
TERM SIX: 76 90 CREDIT HOURS					
AMT 444: Airport Management and Planning	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 396: Aviation Professional	1	<input checked="" type="checkbox"/>		Grade of C	
OMT 452: Industrial Human Resource Management	3	<input checked="" type="checkbox"/>			
TMC 346: Management Dynamics	3	<input checked="" type="checkbox"/>			
General Elective	3	<input type="checkbox"/>			
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) Humanities, Fine Arts & Design (HU) AND remaining C or H awareness area	3	<input checked="" type="checkbox"/>			
TERM SEVEN: 91 105 CREDIT HOURS					
AMT 408: National Aviation Policy	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 410: Aviation Safety and Human Factors	3	<input checked="" type="checkbox"/>		Grade of C	
APM 301: Introductory Statistics (CS)	3	<input checked="" type="checkbox"/>			
OMT 430: Ethical Issues in Technology	3	<input checked="" type="checkbox"/>			
OMT 480: Organizational Effectiveness	3	<input checked="" type="checkbox"/>			
TERM EIGHT: 106 120 CREDIT HOURS					
AMT 484: Internship	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 484: Internship OR Technical elective	3	<input checked="" type="checkbox"/>			
AMT 489: Airline Administration	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 491: Aviation Management Capstone	3	<input checked="" type="checkbox"/>		Grade of C	
OMT 456: Introduction to Organized Labor	3	<input checked="" type="checkbox"/>		Grade of C	
TWC 400: Technical Communications (L)	3	<input checked="" type="checkbox"/>		Grade of C	

**Graduation Requirements Summary:**

Total Hours (128 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)
  - 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:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0 15 CREDIT HOURS					
AMT 101: Introduction to Aeronautical Management Technology	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>*Mathematical Studies (MA) designation approval pending</li><li>Complete APM 265 by end of semester 2</li><li>MILESTONE: Complete Secondary Admission process to be admitted to professional status</li><li>AMT 100 &amp; 200 are completed for a total of 3 credits but require continuous enrollment until completion of the FAA Private Pilot Certificate and Commercial Pilot Certificate with Instrument Rating..</li></ul>
AMT 182: Private Pilot Ground School	3	<input type="checkbox"/>		Grade of C	
AMT 220: Aviation Meteorology	3	<input type="checkbox"/>		Grade of C	
MA course: (APM 265: Mathematics of Change I *)	3	<input type="checkbox"/>			
AMT 100: Flight Safety I	(2)	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C	
TERM TWO: 16 30 CREDIT HOURS					
PHY 111: General Physics/Laboratory & PHY 113: Lab (SQ)	3/1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete APM 265 by end of semester 2</li><li>AMT 100 &amp; 200 are completed for a total of 3 credits but require continuous enrollment until completion of the FAA Private Pilot Certificate and Commercial Pilot Certificate with Instrument Rating..</li></ul>
AMT 100: Flight Safety I	(2)	<input type="checkbox"/>		Grade of C	
AMT 214: Commercial/Instrument Ground School I	3	<input type="checkbox"/>		Grade of C	
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
SUMMER: 4 CREDIT HOURS					
AMT 200: Flight Safety II	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>AMT 100 &amp; 200 are completed for a total of 3 credits but require continuous enrollment until completion of the FAA Private Pilot Certificate and Commercial Pilot Certificate with Instrument Rating..</li></ul>
AMT 322: Commercial/Instrument Ground School II	3	<input checked="" type="checkbox"/>		Grade of C	
TERM THREE: 31 45 CREDIT HOURS					
AMT 280: Aerospace Structures, Materials, Systems	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>First-year composition completed</li><li>AMT 100 &amp; 200 are completed for a total of 3 credits but require continuous enrollment until completion of the FAA Private Pilot Certificate and Commercial Pilot Certificate with Instrument Rating..</li></ul>
PHY 112: General Physics & PHY 114: Laboratory (SQ)	3/1	<input type="checkbox"/>			
AMT 200: Flight Safety II	(1)	<input type="checkbox"/>		Grade of C	
AMT 201: Air Traffic Control	3	<input type="checkbox"/>		Grade of C	
AMT 385: Flight Instructor Ground School	3	<input checked="" type="checkbox"/>		Grade of C	
TERM FOUR: 46 60 CREDIT HOURS					
AMT 200: Flight Safety II	(1)	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>AMT 100 &amp; 200 are completed for a total of 3 credits but require continuous enrollment until completion of the FAA Private Pilot Certificate and Commercial Pilot Certificate with Instrument Rating..</li></ul>
AMT 287: Aircraft Powerplants	4	<input type="checkbox"/>		Grade of C	
AMT 392: Flight Instructor Instrument Ground School	3	<input checked="" type="checkbox"/>		Grade of C	
PGS 101: Introduction to Psychology (SB)	3	<input type="checkbox"/>			
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
General Elective	3	<input type="checkbox"/>			
SUMMER: 4 CREDIT HOURS					
AMT 308: Air Transportation (G)	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 300: Flight Safety III	1	<input checked="" type="checkbox"/>		Grade of C	
TERM FIVE: 61 75 CREDIT HOURS					
AMT 387: Multiengine Pilot Ground School	1	<input checked="" type="checkbox"/>		Grade of C	
AMT 400: Flight Safety IV	1	<input checked="" type="checkbox"/>		Grade of C	
AMT 442: Aviation Law/Regulations	3	<input checked="" type="checkbox"/>		Grade of C	
APM 301: Introductory Statistics (CS)	3	<input checked="" type="checkbox"/>			
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C) and Historical Awareness (H)	3	<input type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
TERM SIX: 76 90 CREDIT HOURS					
AMT 350: Aircraft Design & Logistics Management	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 382: Air Navigation	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 396: Aviation Professional	1	<input checked="" type="checkbox"/>		Grade of C	
Technical Elective	3	<input checked="" type="checkbox"/>			
Humanities, Fine Arts & Design(HU)	3	<input type="checkbox"/>			
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) Humanities, Fine Arts & Design (HU) AND remaining C or H awareness area	3	<input checked="" type="checkbox"/>			
General Elective	2	<input checked="" type="checkbox"/>			

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SEVEN: 91 105 CREDIT HOURS					
AMT 408: National Aviation Policy	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 410: Aviation Safety and Human Factors	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 482: Airline Instrument Procedures	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 486: Regional Jet Aircraft Systems	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 488: Regional Jet Aircraft Systems II	3	<input checked="" type="checkbox"/>		Grade of C	
TERM EIGHT: 106 120 CREDIT HOURS					
AMT 484: Internship	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 489: Airline Administration	3	<input checked="" type="checkbox"/>		Grade of C	
AMT 490: Regional Jet Operations Capstone	3	<input checked="" type="checkbox"/>		Grade of C	
TWC 400: Technical Communications (L)	3	<input checked="" type="checkbox"/>			
Technical Elective	3	<input checked="" type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (128 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)
  - 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:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0 15 CREDIT HOURS						
AMT 101: Introduction to Aeronautical Management Technology	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>*Mathematical Studies (MA) designation approval pending</li></ul>	
AMT 182: Private Pilot Ground School	3	<input type="checkbox"/>		Grade of C		
AMT 220: Aviation Meteorology	3	<input type="checkbox"/>		Grade of C		
MA course: (APM 265: Mathematics of Change I *)	3	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
TERM TWO: 16 30 CREDIT HOURS						
PHY 111: General Physics & PHY 113: Laboratory (SQ)	3/1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete APM 265 by end of semester 2</li></ul>	
AMT 201: Air Traffic Control	3	<input type="checkbox"/>		Grade of C		
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
PGS 101: Introduction to Psychology (SB)	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
AMT 280: Aerospace Structures, Materials, Systems	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>First-year composition requirement completed</li></ul>	
ATC 230: Fundamentals of Air Traffic Management	3	<input type="checkbox"/>		Grade of C		
PHY 112: General Physics & PHY 114: Laboratory (SQ)	3/1	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C) or Historical Awareness (H)	3	<input type="checkbox"/>		Grade of C		
TERM FOUR: 46 60 CREDIT HOURS						
ATC 331: Tower Operations	3	<input checked="" type="checkbox"/>		Grade of C		
ACC 231: Uses of Accounting Information I	3	<input type="checkbox"/>				
AMT 287: Aircraft Powerplants	4	<input type="checkbox"/>		Grade of C		
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
AMT 308: Air Transportation (G)	3	<input checked="" type="checkbox"/>		Grade of C		
AMT 350: Aircraft Design and Logistics Management	3	<input checked="" type="checkbox"/>		Grade of C		
AMT 442: Aviation Law/Regulations	3	<input checked="" type="checkbox"/>		Grade of C		
ATC 332: TRACON Operations	3	<input checked="" type="checkbox"/>		Grade of C		
ATC 431: Tower Ops & Procedures	3	<input checked="" type="checkbox"/>		Grade of C		
TERM SIX: 76 90 CREDIT HOURS						
AMT 396: Aviation Professional	1	<input checked="" type="checkbox"/>		Grade of C		
AMT 444: Airport Management and Planning	3	<input checked="" type="checkbox"/>		Grade of C		
ATC 484: Internship	3	<input checked="" type="checkbox"/>		Grade of C		
ATC 432: TRACON Operations and Procedures	3	<input checked="" type="checkbox"/>		Grade of C		
TMC 346: Management Dynamics	3	<input checked="" type="checkbox"/>				
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB) Humanities, Fine Arts & Design (HU) AND remaining C or H awareness area	3	<input checked="" type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
AMT 408: National Aviation Policy	3	<input checked="" type="checkbox"/>		Grade of C		
AMT 410: Aviation Safety and Human Factors	3	<input checked="" type="checkbox"/>		Grade of C		
ATC 484: Internship	3	<input checked="" type="checkbox"/>		Grade of C		
APM 301: Introductory Statistics (CS)	3	<input checked="" type="checkbox"/>				
ATC 333: En Route Operations	3	<input checked="" type="checkbox"/>		Grade of C		
TERM EIGHT: 106 120 CREDIT HOURS						
ATC 484: Internship	3	<input checked="" type="checkbox"/>		Grade of C		
AMT 491: Aviation Management Capstone	3	<input checked="" type="checkbox"/>		Grade of C		
ATC 433: En Route Operations and Procedures	3	<input checked="" type="checkbox"/>		Grade of C		
OMT 456: Introduction to Organized Labor	3	<input checked="" type="checkbox"/>				
TWC 400: Technical Communications (L)	3	<input checked="" type="checkbox"/>				

**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)
  - 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:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Div.	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0 15 CREDIT HOURS						
<b>choose one Physics course combination below:</b> <b>PHY 101: Introduction to Physics (SQ) OR</b> <b>PHY 111 &amp; 113, &amp; PHY 112 &amp; 114: Gen. Physics I &amp; II/Labs (SQ)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only; not required of transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
<b>Complete one course from:</b> <b>BIO 187: General Biology I (SG) or</b> <b>BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		Grade of C		
ASU 101: The ASU Experience	1	<input type="checkbox"/>				
ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
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						
<b>Complete remaining course from:</b> <b>BIO 187: General Biology I (SG) or</b> <b>BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		Grade of C		
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
PHY 112 & 114: Gen. Physics II/Lab (SQ) or if PHY 101 completed take Elective	4	<input type="checkbox"/>		Grade of C		
TERM THREE: 31 45 CREDIT HOURS						
<b>ABS 350: Applied Statistics (CS)</b>	3	<input type="checkbox"/>		Grade of C		
CHM 116: General Chemistry II (SQ)	4	<input type="checkbox"/>		Grade of C		
MAT 210: Brief Calculus (MA)	3	<input type="checkbox"/>		Grade of C		
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
<b>ABS 270: Sustainable Biological Systems</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See your advisor for a list of courses that fulfill the Approved Elective in ABS &amp; Science section.</li></ul>	
Approved Elective in ABS & Science	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
BIO 340: General Genetics	4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>BIO370 is an approved equivalent course for ABS 355 if 4 credit hours of Vertebrate Zoology are required for student's prospective professional program. e.g Veterinary School.</li></ul>	
ABS 355:Vertebrate Zoology	3	<input checked="" type="checkbox"/>		Grade of C		
ABS 370: Ecology	3	<input checked="" type="checkbox"/>		Grade of C		
<b>Choose one Organic Chemistry course combination below:</b> <b>CHM 231 &amp; 235: Elementary Organic Chemistry with Lab (SQ) OR</b> <b>CHM 233 &amp; 237, and CHM 234 &amp; 238: General Organic Chemistry I &amp; II with Labs (SQ)</b>	4	<input type="checkbox"/>		Grade of C		
TERM SIX: 76 90 CREDIT HOURS						
CHM 234 & 238: General Organic Chemistry II with Lab or if CHM 231 & 235 completed, take Elective	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See your advisor for a list of courses that fulfill the Approved Elective in ABS &amp; Science section.</li></ul>	
ABS 302: Ethical & Policy Issues in Biology	2	<input checked="" type="checkbox"/>		Grade of C		
Approved upper division elective in ABS & Science	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>				
Elective	5	<input type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
Approved upper division Elective in ABS & Science	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See your advisor for a list of courses that fulfill the Approved Elective in ABS &amp; Science section.</li></ul>	
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
Upper Division Literacy & Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
TERM EIGHT: 106 120 CREDIT HOURS						
ABS 490: Applied Biological Sciences Seminar	1	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See your advisor for a list of courses that fulfill the Approved Elective in ABS &amp; Science section.</li></ul>	
<b>Complete 1 course from:</b> ABS 311: Applied Cellular Biology or ABS 498: ST: Applied Plant Physiology or BIO 360: Animal Physiology	3	<input checked="" type="checkbox"/>		Grade of C		
Approved Elective in ABS & Science	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				



**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)
  - Computer/Statistics/Quantitative applications (CS) (3 credit hours)
  - Humanities, Fine Arts, and Design (HU) (6-9 credit hours)
  - 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)
  - 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.)
  - 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:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes			
<b>TERM ONE: 0 15 CREDIT HOURS</b>								
<b>Complete one course from:</b> <b>BIO 187: General Biology I (SG) or</b> <b>BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>			
ASU 101: The ASU Experience	1	<input type="checkbox"/>						
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C				
EDP 313: Childhood & Adolescence (SB)	3	<input checked="" type="checkbox"/>		Grade of C				
SPE 222: Orientation to Education of Exceptional Children (SB, C)	3	<input type="checkbox"/>		Grade of C				
Humanities, Fine Arts & Design (HU) AND Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>						
<b>TERM TWO: 16 30 CREDIT HOURS</b>								
<b>Complete remaining course from:</b> <b>BIO 187: General Biology I (SG) or</b> <b>BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Milestone: Obtain fingerprint clearance card.</li></ul>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C				
ABS 302: Ethical & Policy Issues in Biology	2	<input checked="" type="checkbox"/>		Grade of C				
PHY 101: Introduction to Physics (SQ)	4	<input type="checkbox"/>						
Humanities, Fine Arts & Design (HU) AND Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>						
<b>TERM THREE: 31 45 CREDIT HOURS</b>								
<b>MIC 205: Microbiology</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>			
<b>MIC 206: Microbiology Lab</b>	1	<input type="checkbox"/>		Grade of C				
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>						
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>						
Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input type="checkbox"/>						
<b>TERM FOUR: 46 60 CREDIT HOURS</b>								
<b>ABS 270: Sustainable Biological Systems</b>	3	<input type="checkbox"/>		Grade of C				
<b>Complete 1 course from:</b> ABS 207: Applied Plant Taxonomy or ABS 355: Vertebrate Zoology (or BIO 370)	3	<input type="checkbox"/>		Grade of C				
CHM 116: General Chemistry II	4	<input type="checkbox"/>						
EDP 311: Educational Psychology for Future Teachers	3	<input checked="" type="checkbox"/>		Grade of C				
MAT 210: Brief Calculus (MA)	3	<input type="checkbox"/>		Grade of C				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>								
BIO 340: General Genetics	4	<input checked="" type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Milestone: Resume</li><li>Milestone: Two professional letters of recommendation</li></ul>	
ABS 350: Applied Statistics (CS)	3	<input checked="" type="checkbox"/>		Grade of C				
ABS 370: Ecology	3	<input checked="" type="checkbox"/>		Grade of C				
EDC 340: Writing & the Professional Educator (L)	3	<input checked="" type="checkbox"/>		Grade of C				
EDC 354: Educational Media in the Classroom	3	<input checked="" type="checkbox"/>		Grade of C				
<b>TERM SIX: 76 90 CREDIT HOURS</b>								
BIO 480: Methods of Teaching Biology	3	<input checked="" type="checkbox"/>		Grade of C				
BIO 482: Adv Methods of Teaching Biology	3	<input checked="" type="checkbox"/>		Grade of C				
EDC 474: Field Experience	1	<input checked="" type="checkbox"/>		Grade of C				
ELL 415: Structured English Immersion Methods	3	<input checked="" type="checkbox"/>		Grade of C				
RDG 301: Literacy & Instruction in the Content Areas	3	<input checked="" type="checkbox"/>		Grade of C				
SED 403: Middle & Secondary School Principles, Curricula Methods	3	<input checked="" type="checkbox"/>		Grade of C				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>								
ABS 490: Applied Biological Sciences Seminar	1	<input checked="" type="checkbox"/>		Grade of C				
EDC 355: Accommodating Instruction for Diverse Learners	3	<input checked="" type="checkbox"/>		Grade of C				
EDC 405: Classroom Management K-12	3	<input checked="" type="checkbox"/>		Grade of C				
EDC 474: Field Experience	1	<input checked="" type="checkbox"/>		Grade of C				
ELL 416: Advanced SEI Methods for ELL’s	3	<input checked="" type="checkbox"/>		Grade of C				
<b>Complete 1 course from:</b> ABS 311: Applied Cellular Biology or ABS 498: ST: Applied Plant Physiology or BIO 360: Animal Physiology	3	<input checked="" type="checkbox"/>		Grade of C				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>								
SDE 484: Internship	10	<input checked="" type="checkbox"/>		Grade of C				
Elective	1	<input type="checkbox"/>						

**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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

		Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>
<b>Complete one course from: BIO 187: General Biology I (SG) or BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C	
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
TERM TWO: 16 30 CREDIT HOURS					
<b>Complete remaining course from: BIO 187: General Biology I (SG) or BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C	
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
TERM THREE: 31 45 CREDIT HOURS					
<b>ABS 260: Fundamentals of Urban Horticulture</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>
ABS 225: Soils	3	<input type="checkbox"/>		Grade of C	
ABS 226: Soils Lab	1	<input type="checkbox"/>		Grade of C	
Social & Behavioral Science (SB)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
<b>ABS 270: Sustainable Biological Systems</b>	3	<input type="checkbox"/>		Grade of C	
ABS 362: Landscape Plants and Design	4	<input checked="" type="checkbox"/>		Grade of C	
CHM 231: Elementary Organic Chemistry	3	<input type="checkbox"/>		Grade of C	
MAT 210: Brief Calculus (MA)	3	<input type="checkbox"/>			
Elective	3	<input checked="" type="checkbox"/>			
TERM FIVE: 61 75 CREDIT HOURS					
BIO 340: General Genetics	4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum 2.0 Cumulative GPA required.</li></ul>
ABS 363: Landscape and Turf Irrigation	4	<input checked="" type="checkbox"/>		Grade of C	
ABS 364: Urban Forestry	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM SIX: 76 90 CREDIT HOURS					
<i>Complete 1 course from:</i> BIO 360: Animal Physiology or ABS 498: Applied Plant Physiology or ABS 311:Applied Cellular Biology	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See advisor for list of courses that fulfill Approved Elective in ABS &amp; Science</li></ul>
Approved Upper Division ABS & Science	3	<input checked="" type="checkbox"/>		Grade of C	
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
TERM SEVEN: 91 105 CREDIT HOURS					
ABS 302: Ethical and Policy Issues in Biology	2	<input checked="" type="checkbox"/>		Grade of C	
ABS 350: Applied Statistics (CS)	3	<input checked="" type="checkbox"/>		Grade of C	
ABS 462: Greenhouse/ Nursery Management (4) or ABS 463: Golf & Sports Turf Management (3)	3/4	<input checked="" type="checkbox"/>		Grade of C	
PGM 466: Integrated Pest Control or PLB 414: Plant Pathology (L)	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			
TERM EIGHT: 106 120 CREDIT HOURS					
<i>Complete 1 course from:</i> ABS 465: Senior Enterprise Project (2) or ABS 484: Internship or ABS 492: Honors Directed Study ( <i>Honors students only</i> )	2 or 3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See advisor for list of courses that fulfill Approved Elective in ABS &amp; Science</li></ul>
Approved Upper Division ABS & Science	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>			
Upper division Literacy & Critical Inquiry (L) or if PLB 414 completed, take elective	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	2	<input type="checkbox"/>			

**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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
<b>Complete one course from:</b> <b>BIO 187: General Biology I (SG) or</b> <b>BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li></ul>	
ASU 101: The ASU Experience	1	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>Complete remaining course from:</b> <b>BIO 187: General Biology I (SG) or</b> <b>BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>ABS 274: Introduction to Wildlife Management</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li></ul>	
CHM 231: Elementary Organic Chemistry	3	<input type="checkbox"/>		Grade of C		
MAT 210: Brief Calculus (MA)	3	<input type="checkbox"/>				
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>ABS 270: Sustainable Biological Systems</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See advisor for list of courses that fulfill Approved elective in ABS &amp; Science</li></ul>	
ABS 207: Applied Plant Taxonomy	3	<input type="checkbox"/>		Grade of C		
Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Approved elective in ABS & Science	3	<input type="checkbox"/>		Grade of C		
Approved elective in ABS & Science	3	<input type="checkbox"/>		Grade of C		
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
ABS 302: Ethical & Policy Issues in Biology	2	<input checked="" type="checkbox"/>		Grade of C		
ABS 370: Ecology	3	<input checked="" type="checkbox"/>		Grade of C		
ABS 381: Natural Resources Policy	3	<input checked="" type="checkbox"/>		Grade of C		
ABS 485: GIS in Natural Resources	3	<input checked="" type="checkbox"/>		Grade of C		
BIO 340: General Genetics	4	<input checked="" type="checkbox"/>				
<b>TERM SIX: 76 90 CREDIT HOURS</b>						
ABS 402: Vegetation and Wildlife Measurement	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See advisor for list of courses that fulfill Approved elective in ABS &amp; Science</li></ul>	
Wildlife and Restoration Ecology Group course	4	<input type="checkbox"/>		Grade of C		
Upper division Wildlife or Restoration Ecology Group course	3	<input checked="" type="checkbox"/>		Grade of C		
Approved elective in ABS & Science	3	<input type="checkbox"/>		Grade of C		
Upper Division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>						
ABS 350: Applied Statistics (CS)	3	<input checked="" type="checkbox"/>		Grade of C		
ABS 440: Ecological Restoration Techniques	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Wildlife or Restoration Ecology Group Course	3	<input checked="" type="checkbox"/>		Grade of C		
Approved elective in ABS & Science	3	<input type="checkbox"/>		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	<input checked="" type="checkbox"/>				
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>						
ABS 480: Ecosystem Management and Planning (L)	3	<input checked="" type="checkbox"/>		Grade of C		
ABS 490: Applied Biological Sciences Seminar	1	<input checked="" type="checkbox"/>		Grade of C		
Upper division Wildlife Restoration Ecology Group course	4	<input checked="" type="checkbox"/>		Grade of C		
Approved upper division elective in ABS & Science	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	4	<input type="checkbox"/>				

**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)
  - 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)
  - 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 *SQ* (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)

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0 15 CREDIT HOURS</b>					
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for freshman ASU students only. Not required for transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>*Mathematical Studies (MA) designation approval pending</li><li>Complete at least 2 critical courses each with a minimum grade of C. Suggested courses for term 1: APM 270; CST 100, CST 150</li><li>Students must complete either a Physics (PHY 111/113 &amp; 112/14) OR Chemistry (113 and 115) sequence</li><li>Minimum cumulative 2.5 GPA required for all critical (bold/shaded) courses</li><li>Minimum cumulative 2.0 GPA required</li></ul>
<b>Complete 2 courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ) or CHM 113: General Chemistry I (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	
	3	<input type="checkbox"/>		Grade of C	
	3 or 3/1	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C	
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
<b>TERM TWO: 16 30 CREDIT HOURS</b>					
<b>Complete 2 additional courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ) or CHM 113: General Chemistry I (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 2: APM 271; CST 200 &amp; 201</li><li>Students must complete either a Physics (PHY 111/113 &amp; 112/14) OR Chemistry (113 and 115) sequence</li><li>Minimum cumulative 2.5 GPA required for all critical (bold/shaded) courses</li><li>Minimum cumulative 2.0 GPA required</li></ul>
	3 or 3/1	<input type="checkbox"/>		Grade of C	
CST 250/251: Microcomputer Architecture & Programming/Lab	3/1	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Minimum grade of C required	
<b>TERM THREE: 31 45 CREDIT HOURS</b>					
<b>Complete 2 additional courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ) or CHM 113: General Chemistry I (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>First-year composition requirement must be completed by end of term 3</li><li>Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 3: MAT 243; PHY 111 &amp; 113 or CHM 113</li><li>Students must complete either a Physics (PHY 111/113 &amp; 112/14) OR Chemistry (113 and 115) sequence</li><li>Minimum cumulative 2.5 GPA required for all critical (bold/shaded) courses</li><li>Minimum cumulative 2.0 GPA required</li></ul>
	3 or 3/1	<input type="checkbox"/>		Grade of C	
APM 294: Mathematics of Change III	3	<input type="checkbox"/>			
CST 220 Programming Languages for Technology with C/C++ & Scripting	3	<input type="checkbox"/>			
CST 386 Operating Systems Principles	3	<input checked="" type="checkbox"/>			
<b>TERM FOUR: 46 60 CREDIT HOURS</b>					
<b>Complete remaining courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ) or CHM 113: General Chemistry I (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete remaining critical courses each with a minimum grade of C. Suggested courses for term 4: CST 230</li><li>Students must complete either a Physics (PHY 111/113 &amp; 112/14) OR Chemistry (113 and 115) sequence</li><li>Minimum cumulative 2.5 GPA required for all critical (bold/shaded) courses</li><li>Minimum cumulative 2.0 GPA required</li></ul>
	3 or 3/1	<input type="checkbox"/>		Grade of C	
CST 359 Internet Networking Protocol	3	<input checked="" type="checkbox"/>			
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	<input type="checkbox"/>			
ECN 211 Macroeconomic Principles (SB)	3	<input type="checkbox"/>			
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			



Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM FIVE: 61 75 CREDIT HOURS</b>					
APM 301 Introductory Statistics (CS)	3	<input checked="" type="checkbox"/>			
CST 315 Software Enterprise I: Tools & Process	3	<input checked="" type="checkbox"/>			
CST 420 Foundations of Distributed Web-based Applications in Java	3	<input checked="" type="checkbox"/>			
CST 433 Database Technology	3	<input checked="" type="checkbox"/>			
Technical elective	3	<input type="checkbox"/>			
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
CST 316 Software Enterprise II: Construction & Transition	3	<input checked="" type="checkbox"/>			
CST 355 Applications of Computer Theory	3	<input checked="" type="checkbox"/>			
CST 400-level course	3	<input checked="" type="checkbox"/>			
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
CST 415 Software Enterprise III: Inception & Elaboration (L)	3	<input checked="" type="checkbox"/>			
CST 496 Ethics and Professionalism in Computing	1	<input checked="" type="checkbox"/>			
CST 400-level course	3	<input checked="" type="checkbox"/>			
Technical elective	3	<input type="checkbox"/>			
Lab Science	4	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
CST 416: Software Enterprise IV: Project & Process Management (L)** or TWC 400: Technical Communications (L)	3	<input checked="" type="checkbox"/>			**Literacy (L) designation approval pending
CST 400-level course	3	<input checked="" type="checkbox"/>			
CST 400-level course	3	<input checked="" type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
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	<input checked="" type="checkbox"/>			

**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)
  - 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:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes			
<b>TERM ONE: 0 15 CREDIT HOURS</b>								
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Minimum grade of “C” required in all PGS &amp; PSY courses</li></ul>			
<b>Complete 1 course from:</b> <b>PGS 101: Introduction to Psychology (SB)</b> <b>PSY 230: Introduction to Statistics (CS)</b> <b>PSY 290: Research Methods (L)</b>	3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C				
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
<b>TERM TWO: 16 30 CREDIT HOURS</b>								
<b>MAT 119: Finite Mathematics (MA)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all PGS &amp; PSY courses</li></ul>			
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C				
BIO 100: The Living World (SQ) OR Elective	4 or 3	<input type="checkbox"/>						
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
<b>TERM THREE: 31 45 CREDIT HOURS</b>								
<b>Complete 1 additional course from:</b> <b>PGS 101: Introduction to Psychology (SB)</b> <b>PSY 230: Introduction to Statistics (CS)</b> <b>PSY 290: Research Methods (L)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all PGS &amp; PSY courses</li><li>First-year composition requirement completed</li></ul>			
Choose one Related Area BIO course from: BIO 100: The Living World (if not already completed) BIO 187: General Biology I BIO 188: General Biology II BIO 193: The Natural of Biological Science BIO 201: Human Anatomy & Physiology I BIO 202: Human Anatomy & Physiology II OR Choose one Related Area MAT course from: MAT 210: Brief Calculus MAT 251: Calculus for Life Sciences MAT 260: Technical Calculus I MAT 262: Technical Calculus II MAT 270: Calculus with Analytic Geometry I MAT 271: Calculus with Analytic Geometry II MAT 274: Elementary Differential Equations, MAT 275: Modern Differential Equations	4 or 3	<input type="checkbox"/>		Grade of C				
Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input checked="" type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
Elective	3	<input type="checkbox"/>						
<b>TERM FOUR: 46 60 CREDIT HOURS</b>								
<b>Complete remaining course from:</b> <b>PGS 101: Introduction to Psychology (SB)</b> <b>PSY 230: Introduction to Statistics (CS)</b> <b>PSY 290: Research Methods (L)</b>	3	<input type="checkbox"/>		Grade of C			<ul style="list-style-type: none"><li>Minimum grade of “C” required in all PGS &amp; PSY courses</li></ul>	
Choose one additional Related Area BIO course from: BIO 100: The Living World BIO 187: General Biology I BIO 188: General Biology II BIO 193: The Natural of Biological Science BIO 201: Human Anatomy & Physiology I BIO 202: Human Anatomy & Physiology II OR Choose one additional Related Area MAT course from: MAT 210: Brief Calculus MAT 251: Calculus for Life Sciences MAT 260: Technical Calculus I MAT 262: Technical Calculus II MAT 270: Calculus with Analytic Geometry I MAT 271: Calculus with Analytic Geometry II MAT 274: Elementary Differential Equations, MAT 275: Modern Differential Equations	4 or 3	<input type="checkbox"/>		Grade of C				
Natural Science-Quantitative (SQ) (if BIO 100 not taken) OR Elective (If BIO 100 completed)	4 or 3	<input type="checkbox"/>						
Elective	4	<input type="checkbox"/>						

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM FIVE: 61 75 CREDIT HOURS</b>					
PSY 437: Human Factors	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all PGS &amp; PSY courses</li></ul>
Complete two of the following Core Courses: PSY 323: Sensation & Perception PSY 324: Memory & Cognition PSY 330: Statistical Methods PGS 350: Social Psychology (SB)	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	2	<input type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
Complete remaining two Core Courses: PSY 323: Sensation & Perception PSY 324: Memory & Cognition PSY 330: Statistical Methods PGS 350: Social Psychology (SB)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all PGS &amp; PSY courses</li></ul>
Elective OR Complete one Related Area Course in computer science from: CIS 220: Programming Concepts for Accountancy Majors CSE 100: Principles of Programming with C++ CSE 110: Principles of Programming with Java CSE 120: Digital Design Fundamentals CSE 180: Computer Literacy CSE 185: Introduction to Web Development CST 100: Object-Oriented Software Development Or other acceptable area AMT, BIO, CIS, CSE, EXW, MGT, and TWC	3	<input type="checkbox"/>			
ENG 301: Writing for the Professions (L) or Upper division TWC & (L) course	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
Complete 2 courses from: PGS 304: Effective Thinking PGS 471: Psychological Testing PSY 320: Learning and Motivation PSY 325: Physiological Psychology PSY 360: Cognitive Science PSY 390: Experimental Psychology PSY 438: Human-Computer Interaction PSY 448: Human Factors in Transportation PSY 449: Human Factors in Sports PSY 439: Training & Skill Acquisition PSY 440: Industrial/Organizational Psychology PSY 494: Special Topics	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all PGS &amp; PSY courses</li></ul>
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++ CSE 110: Principles of Programming with Java CSE 120: Digital Design Fundamentals CSE 180: Computer Literacy CSE 185: Introduction to Web Development CST 100: Object-Oriented Software Development Or other acceptable area AMT, BIO, CIS, CSE, EXW, MGT,TWC	3	<input type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
PSY 477: Applied Psychology Capstone Experience OR HON 493: Honors Thesis	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Minimum grade of “C” required in all PGS &amp; PSY courses</li></ul>
Complete 2 additional courses from: PGS 304: Effective Thinking PGS 471: Psychological Testing PSY 320: Learning and Motivation PSY 325: Physiological Psychology PSY 360: Cognitive Science PSY 390: Experimental Psychology PSY 438: Human-Computer Interaction PSY 448: Human Factors in Transportation PSY 449: Human Factors in Sports PSY 439: Training & Skill Acquisition PSY 440: Industrial/Organizational Psychology PSY 494: Special Topics	3	<input checked="" type="checkbox"/>		Grade of C	
Related Area Course in acceptable area (AMT, BIO, CIS, CSE, EXW, MGT, and TWC)	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division Elective	3	<input checked="" type="checkbox"/>			

**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)
  - 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)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

**Bachelor of Applied Science Degree**

**Aviation Management Technology**

2009-2010 Curriculum Check Sheet

College of Technology and Innovation

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year <u>2009-2010</u>	
B.A.S. Academic Department <b>Technology Management</b>	Advisor _____
Number of Upper Division Transfer Credits _____	Expected Graduation Date _____
Institution of Transfer Course Work (Upper Division Only) _____	

**General Studies Sequence (19 Hours)**

	ASU	Transfer	Transfer From	Grade
Numeracy in Technology - ASC 315	3			
Physical Science in Technology - ASC 325	4			
Literacy [L1] <b>ENG 301</b>	3			
Humanities [HU] <b>REL 321 [H] [C]</b>	3			
Social Science [SB] <b>POS 310</b>	3			
General Studies [HU or SB] <b>REL 379 [G]</b>	3			

(Suggested courses are tinted) Sub Total 19 Hrs.

**B.A.S. Area Core (15 Hours)**

	ASU	Transfer	Transfer From	Grade
TMC 346 Management Dynamics				
OR OMT 344 Industrial Organizations				
OR OMT 452 Industrial Human Resource Mgt	3			
TWC 400 Technical Communications	3			
STP 420 Introductory Applied Statistics	3			
GIT 335 Computer Systems Technology	3			
TMC 470 Project Management	3			

Sub Total 15 Hrs.

**Aviation Management Technology (20 Hours)**

	ASU	Transfer	Transfer From	Grade
AMT 308 Air Transportation	3			
AMT 396 The Aviation Professional	1			
AMT 408 National Aviation Policy	3			
AMT 410 Aviation Safety & Human Factors	3			
AMT 442 Aviation Law & Regulations	3			
AMT 491 Aviation Management Captstone	3			
AMT 494 Air Transportation Research	3			
AMT xxxTechnical Elective (Upper Div.)	1			

Sub Total 20 Hrs.

**Assignable Credits (6 Hours)**

	ASU	Transfer	Transfer From	Grade
	3			
	3			

Sub Total 6 Hrs.

**BAS Degree Summary**

**Credit Hours**

A.A.S. Degree Block	60
General Studies	
B.A.S. Area Core	
Digital Media Management	
Assignable Credits	

Total (120 Hours Minimum) \_\_\_\_\_

**Advisor Comments**

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**Total Upper Division Hours** \_\_\_\_\_

**Total ASU Resident Hours** \_\_\_\_\_

_____ Student Signature	_____ Date	_____ Dean Signature	_____ Date
_____ Advisor/Chair Signature	_____ Date	_____ University Signature	_____ Date

**Bachelor of Applied Science Degree**

**Electronic and Energy Systems**

**2009-2010** Curriculum Check Sheet

College of Technology and Innovation

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year 2010	
B.A.S. Academic Department: <b>Engineering Technology</b>	Advisor _____
Number of Upper Division Transfer Credits _____	Expected 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			
Literacy [L1] <b>TWC 301 or ENG 301</b>	3			
Humanities [HU] <b>REL 321 [H] [C]</b>	3			
Social Science [SB] <b>with a [G]</b>	3			
General Studies [HU or SB]	3			

**(Suggested courses are tinted)** Sub Total 19 Hrs. \_\_\_\_

**B.A.S. Area Core (15 Hours)**

	ASU	Transfer	Transfer From	Grade
TMC 346 Management Dynamics	3			
GIT 352 Technical Presentations	3			
TWC 446 Technical Report Writing [L2]	3			
EST 345 Project Planning & Delivery	3			
<b>EST 465 Statistical Process Control</b>	3			

Sub Total 15 Hrs. \_\_\_\_

**Concentration (20 Hours)**

	ASU	Transfer	Transfer From	Grade
Course list depends on area of emphasis of student. Specific suggestions are available for the following areas of emphasis: alternative energy, integrated electronic systems (semiconductor) and electronic systems.				

Sub Total 20 Hrs. \_\_\_\_

**Assignable Credits (6 Hours)**

	ASU	Transfer	Transfer From	Grade
APM 301 Intro to Applied Statistics [N2]	3			
	3			

Sub Total 6 Hrs. \_\_\_\_

**BAS Degree Summary**

**Credit Hours**

A.A.S. Degree Block Transfer	60
General Studies	
B.A.S. Area Core	
Concentration	
Assignable Credits	

Total (120 Hours Minimum) \_\_\_\_

**Advisor Comments**

All ASU course work must be 300 or 400 level.

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**Total Upper Division Hours** \_\_\_\_

**Total ASU Resident Hours** \_\_\_\_

_____ Student Signature	_____ Date	_____ Dean Signature	_____ Date
_____ Advisor/Chair Signature	_____ Date	_____ University Signature	_____ Date

## **BAS Electronic and Energy Systems Concentration emphasis areas courses**

(4/28/2009)

### Alternative Energy Concentration

ALT 360 Renewable Energy Technologies

ALT 401 Hydrogen Generation, Storage & Distribution

ALT 405 Power Conditioning

ALT 410 Solar Cells & Modules

ALT 435 Applied Photovoltaic's

ALT 445 Automotive & Stationary FCS

Upper division Technical Electives as necessary to complete concentration or assignable credits

### Basic Electronics Option

EST 494 (350) Advanced Microcontrollers

MET 351 Introduction to Automation

MET 455 Automation Systems Integration

EET 406 Control System Technology

EET 494 (408) Real Time Control

EET 430 Instrumentation Systems

EET 460 Power Electronics

Select from the list above to complete concentration and assignable credits

### Integrated Electronic Systems

UET 411 Layer Deposition Technology

UET 416 Dopant Control Technology

UET 417 Semiconductor Technology Practice

UET 418 Systems on Silicon

UET 424 Pattern Transfer Technology

UET 432 Semiconductor Packaging & Heat Transfer

Upper division Technical Electives as necessary to complete concentration or assignable credits

**Bachelor of Applied Science Degree**

**Emergency Management**

2009-2010 Curriculum Check Sheet

College of Technology and Innovation

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year <u>2009-2010</u>	
B.A.S. Academic Department <b><u>Technology Management</u></b>	Advisor _____
Number of Upper Division Transfer Credits _____	Expected 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			
Literacy [L] <b>ENG 301</b>	3			
Humanities [HU] <b>REL 321 [H] [C]</b>	3			
Social Science [SB] <b>POS 310</b>	3			
General Studies [HU or SB] <b>REL 379 [G]</b>	3			

(Suggested courses are tinted) Sub Total 19 Hrs.

**BAS Degree Summary Credit Hours**

A.A.S. Degree Block Transfer	60
General Studies	
B.A.S. Area Core	
Emergency Management	
Assignable Credits	

Total (120 Hours Minimum) \_\_\_\_\_

**B.A.S. Area Core (15 Hours)**

	ASU	Transfer	Transfer From	Grade
TMC 346 Management Dynamics	3			
OMT 452 Ind. Human Resource Management	3			
TWC 400 Technical Communications [L]	3			
APM 301 Introduction to Statistics [MA]	3			
GIT 335 Computer Systems Technology	3			

Sub Total 15 Hrs.

**Advisor Comments**

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**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 Hours** \_\_\_\_\_

**Assignable Credits (6 Hours)**

	ASU	Transfer	Transfer From	Grade
ETM 461 Homeland Security	3			
ETM 468 Simulators and Exercising	3			

Sub Total 6 Hrs.

**Total ASU Resident Hours** \_\_\_\_\_

_____ Student Signature	_____ Date	_____ Dean Signature	_____ Date
_____ Advisor/Chair Signature	_____ Date	_____ University Signature	_____ Date



**Bachelor of Applied Science Degree**

**Graphic Information Technology**

2009-2010 Curriculum Check Sheet

College of Technology and Innovation

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year <u>2009-2010</u>	
B.A.S. Academic Department <b><u>Technology Management</u></b>	Advisor _____
Number of Upper Division Transfer Credits _____	Expected 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			
Literacy [L] <b>ENG 301 or TWC 301</b>	3			
Humanities [HU] <b>REL 320 or 321 [H] [C]</b>	3			
Social Science [SB]	3			
General Studies [HU or SB]	3			

(Suggested courses are tinted) Sub Total 19 Hrs.

**BAS Degree Summary**

**Credit Hours**

A.A.S. Degree Block Transfer	60
General Studies	
B.A.S. Area Core	
Graphic Information Tech.	
Assignable Credits	

Total (120 Hours Minimum) \_\_\_\_\_

**B.A.S. Area Core (15 Hours)**

	ASU	Transfer	Transfer From	Grade
TMC 346 Management Dynamics	3			
TMC 470 Project Management	3			
TWC 400 Technical Communications [L]	3			
APM 301 Introduction to Statistics [MA]	3			
GIT 335 Computer Systems Technology	3			

Sub Total 15 Hrs.

**Advisor Comments**

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**Graphic Information Technology (20 Hours)**

*Select 7 GIT courses with faculty/advisor to determine the technical area of emphasis*

	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 412 GIT 412	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.

**Total Upper Division Hours** \_\_\_\_\_

**Assignable Credits (6 Hours)**

	ASU	Transfer	Transfer From	Grade
GIT 3XX or 4XX Technical Elective	3			
GIT 3XX or 4XX Technical Elective	3			

Sub Total 6 Hrs.

**Total ASU Resident Hours** \_\_\_\_\_

_____ Student Signature	_____ Date	_____ Dean Signature	_____ Date
_____ Advisor/Chair Signature	_____ Date	_____ University Signature	_____ Date

**Bachelor of Applied Science Degree**

**Internet/Web Development**

2009-2010 Curriculum Check Sheet

College of Technology and Innovation

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year <u>2009-2010</u>	
B.A.S. Academic Department <b><u>Technology Management</u></b>	Advisor _____
Number of Upper Division Transfer Credits _____	Expected 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			
Literacy [L] <b>ENG 301</b>	3			
Humanities [HU] <b>REL 321 [H] [C]</b>	3			
Social Science [SB] <b>POS 310</b>	3			
General Studies [HU or SB] <b>REL 379 [G]</b>	3			

**(Suggested courses are tinted)** Sub Total 19 Hrs.

**BAS Degree Summary Credit Hours**

A.A.S. Degree Block Transfer	60
General Studies	
B.A.S. Area Core	
Digital Publishing	
Assignable Credits	

Total (120 Hours Minimum) \_\_\_\_\_

**B.A.S. Area Core (15 Hours)**

	ASU	Transfer	Transfer From	Grade
TMC 346 Management Dynamics	3			
TMC 470 Project Management	3			
TWC 400 Technical Communications [L]	3			
APM 301 Introduction to Statistics [MA]	3			
GIT 335 Computer Systems Technology	3			

Sub Total 15 Hrs.

**Advisor Comments**

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**Internet/Web Development (20 Hours)**

	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 Hours** \_\_\_\_\_

**Assignable Credits (6 Hours)**

	ASU	Transfer	Transfer From	Grade
GIT 314 Multimedia Design, Planning&Storybrd	3			
GIT 415 Computer Graphics: Bus Plan and Mgt	3			

Sub Total 6 Hrs.

**Total ASU Resident Hours** \_\_\_\_\_

_____ Student Signature	_____ Date	_____ Dean Signature	_____ Date
_____ Advisor/Chair Signature	_____ Date	_____ University Signature	_____ Date

**Bachelor of Applied Science Degree**

**Manufacturing Technology and Management**

2009-2010 Curriculum Check Sheet

College of Technology & Innovation

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year <u>2009-2010</u>	
B.A.S. Academic Department <b>Mechanical &amp; Manufacturing Engineering Technology</b> Advisor _____	
Number of Upper Division Transfer Credits _____	Expected 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			
Literacy [L1] <b>ENG 301</b>	3			
Humanities [HU] <b>REL 320 or 321 [H] [C]</b>	3			
Social Science [SB] <b>with a G</b>	3			
General Studies [HU or SB]	3			

(Suggested courses are in bold) Sub Total 19 Hrs.

**B.A.S. Area Core (15 Hours)**

	ASU	Transfer	Transfer From	Grade
OMT 344 Industrial Organization (TMC 346)	3			
TWC 446 Technical Report Writing	3			
MET 401 Statistical Process Control	3			
MET 416 Applied Computer Int. Mfg.	3			
OMT 470 Project Management	3			

Sub Total 15 Hrs.

**Manufacturing Technology (20 Hours)**

	ASU	Transfer	Transfer From	Grade
MET 300 Applied Material Science	3			
MET 302 Welding Survey	3			
MET 309 Non-destructive Testing & Measurement	1			
MET 341 Manufacturing Analysis	3			
MET 344 Casting & Form Processes	3			
MET 345 Advanced Mfg. Processes	3			
MET 396 Mfg. Professional Orientation	1			
MET 444 Production Tooling	3			

Sub Total 20 Hrs.

**Assignable Credits (6 Hours)**

	ASU	Transfer	Transfer From	Grade
APM 301 suggested	3			
MET 351 suggested	3			

Sub Total 6 Hrs.

**BAS Degree  
Summary**

**Credit  
Hours**

A.A.S. Degree Block Transfer	60
General Studies	
B.A.S. Area Core	
Manufacturing Technology	
Assignable Credits	

Total (120 Hours Minimum) \_\_\_\_\_

**Advisor Comments**

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**Total Upper Division Hours** \_\_\_\_\_

**Total ASU Resident Hours** \_\_\_\_\_

_____ Student Signature	_____ Date	_____ Dean Signature	_____ Date
_____ Advisor/Chair Signature	_____ Date	_____ University Signature	_____ Date

**Bachelor of Applied Science Degree**

**Operations Management**

2009-2010 Curriculum Check Sheet

College of Technology and Innovation

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year <u>2009-2010</u>	
B.A.S. Academic Department <u>Technology Management</u>	Advisor _____
Number of Upper Division Transfer Credits _____	Expected 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			
Literacy [L] <b>ENG 301</b>	3			
Humanities [HU] <b>REL 321 [H] [C]</b>	3			
Social Science [SB] <b>POS 310</b>	3			
General Studies [HU or SB] <b>REL 379 [G]</b>	3			

**(Suggested courses are tinted)** Sub Total 19 Hrs.

**B.A.S. Area Core (15 Hours)**

	ASU	Transfer	Transfer From	Grade
TMC 346 Management Dynamics	3			
OMT 452 Ind. Human Resource Management	3			
TWC 400 Technical Communications [L]	3			
APM 301 Introduction to Statistics [MA]	3			
GIT 335 Computer Systems Technology	3			

Sub Total 15 Hrs.

**Operations Management (20 Hours)**

	ASU	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.

**Assignable Credits (6 Hours)**

	ASU	Transfer	Transfer From	Grade
OMT 440 Intro to International Business	3			
OMT 480 Organizational Effectiveness	3			

Sub Total 6 Hrs.

**BAS Degree Summary**

**Credit Hours**

A.A.S. Degree Block Transfer	60
General Studies	
B.A.S. Area Core	
Operations Management	
Assignable Credits	

Total (120 Hours Minimum) \_\_\_\_\_

**Advisor Comments**

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**Total Upper Division Hours** \_\_\_\_\_

**Total ASU Resident Hours** \_\_\_\_\_

_____ Student Signature	_____ Date	_____ Dean Signature	_____ Date
_____ Advisor/Chair Signature	_____ Date	_____ University Signature	_____ Date

**Bachelor of Applied Science Degree**

**Software and Computing Studies**

2009-2010 Curriculum Check Sheet

College of Technology and Innovation

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year <u>2009-2010</u>	
B.A.S. Academic Department <b>Engineering</b>	Advisor _____
Number of Upper Division Transfer Credits _____	Expected 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			
Literacy [L] <b>ENG 301 or TWC 301</b>	3			
Humanities [HU] <b>REL 320 or 321 [H] [C]</b>	3			
Social Science [SB]	3			
General Studies [HU or SB]	3			

**(Suggested courses are tinted)** Sub Total 19 Hrs.

**BAS Degree Summary**

**Credit Hours**

A.A.S. Degree Block Transfer	60
General Studies	
B.A.S. Area Core	
Concentration	
Assignable Credits	

Total (120 Hours Minimum) \_\_\_\_\_

**B.A.S. Area Core (15 Hours)**

	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			
Select from Group A	3			
Select from Group A	3			

Sub Total 15 Hrs.

**Advisor Comments**

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**Concentration (20 hrs)**

	ASU	Transfer	Transfer From	Grade
Select from Group B	3			
Select from Group B	3			
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.

**Total Upper Division Hours** \_\_\_\_\_

**Assignable Credits (6 Hours)**

	ASU	Transfer	Transfer From	Grade
	3			
	3			

Sub Total 6 Hrs.

**Total ASU Resident Hours** \_\_\_\_\_

_____ Student Signature	_____ Date	_____ Dean Signature	_____ Date
_____ Advisor/Chair Signature	_____ Date	_____ University Signature	_____ Date

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0 15 CREDIT HOURS</b>					
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"> <li>ASU 101 is for ASU freshman students only Not required of transfer students</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>*Mathematical Studies (MA) designation approval pending</li> <li>Complete First-Year Composition requirement by end of semester 3</li> <li>Complete at least 2 critical courses each with a minimum grade of C. Suggested courses for term 1: APM 270; CST 100, CST 150</li> </ul>
<b>Complete 2 courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	
	3	<input type="checkbox"/>		Grade of C	
	3 or 3/1	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C	
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
General Elective (UNI 101 recommended)	1	<input type="checkbox"/>			
<b>TERM TWO: 16 30 CREDIT HOURS</b>					
<b>Complete 2 additional courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 2: APM 271; CST 200 &amp; 201</li> <li>Complete First-Year Composition requirement by end of semester 3</li> </ul>
	3 or 3/1	<input type="checkbox"/>		Grade of C	
CST 250/251: Microcomputer Architecture and Programming/Laboratory	3/1	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
<b>TERM THREE: 31 45 CREDIT HOURS</b>					
<b>Complete 2 additional courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 3: MAT 243; PHY 111 &amp; 113</li> <li>First-Year Composition requirement completed by end of semester 3</li> </ul>
	3 or 3/1	<input type="checkbox"/>		Grade of C	
CST 220: Programming Languages for Technology with C/C++ and Scripting	3	<input type="checkbox"/>			
EST 210: Circuit Analysis I	3	<input type="checkbox"/>			
<b>TERM FOUR: 46 60 CREDIT HOURS</b>					
<b>Complete remaining courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Complete remaining critical courses each with a minimum grade of C. Suggested courses for term 4: CST 230</li> </ul>
	3 or 3/1	<input type="checkbox"/>		Grade of C	
APM 294: Mathematics of Change III	3	<input type="checkbox"/>			
ECN 211: Macroeconomic Principles (SB)	3	<input type="checkbox"/>			
EET 301: Electric Circuit Analysis II	4	<input checked="" type="checkbox"/>			
PHY 112/114: General Physics/Laboratory (SQ)	3/1	<input type="checkbox"/>			
<b>TERM FIVE: 61 75 CREDIT HOURS</b>					
APM 301: Introductory Statistics (CS)	3	<input checked="" type="checkbox"/>			
CST 315: Software Enterprise I: Tools and Process	3	<input checked="" type="checkbox"/>			
CST 350: Digital Systems Design with Verilog	4	<input checked="" type="checkbox"/>			
CST 364: Computer Architecture	3	<input checked="" type="checkbox"/>			
CST 386: Operating Systems Principles	3	<input checked="" type="checkbox"/>			

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
CST 452: Advanced Digital Systems Design and VHDL	4	<input checked="" type="checkbox"/>			
CST 383: Shell and Script Programming with UNIX	3	<input checked="" type="checkbox"/>			
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
CST 415: Software Enterprise III: Inception and Elaboration (L)	3	<input checked="" type="checkbox"/>			
CST 456: Microcomputer Systems Interfacing	4	<input checked="" type="checkbox"/>			
CST 458: Digital Computer Networks (3 hrs) or CST 473: Digital/Data Communications (4 hrs)	3 or 4	<input checked="" type="checkbox"/>			
CST 496: Ethics and Professionalism in Computing	1	<input checked="" type="checkbox"/>			
Lab Science	4	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
CST 416: Software Enterprise IV: Project & Process Management (L)** or TWC 400: Technical Communications (L)	3	<input checked="" type="checkbox"/>			**Literacy (L) designation approval pending
UET 415: Electronic Manufacturing Engineering Principles	3	<input checked="" type="checkbox"/>			
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	<input checked="" type="checkbox"/>			
Technical Elective	3	<input checked="" type="checkbox"/>			
Technical Elective	4	<input checked="" type="checkbox"/>			

**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)
  - 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:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title <i>(courses in bold/shading are critical)</i>	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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>*Mathematical Studies (MA) designation approval pending</li><li>Complete First Year Composition requirement by end of semester 3</li><li>Complete at least 2 critical courses each with a minimum grade of C. Suggested courses for term 1: APM 265; CST 100, CST 150</li></ul>
<b>Complete 2 courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	
	3	<input type="checkbox"/>		Grade of C	
	3 or 3/1	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C	
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
TERM TWO: 16 30 CREDIT HOURS					
<b>Complete 2 additional courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 2: APM 266; CST 200 &amp; 201</li><li>Complete First Year Composition requirement by end of semester 3</li></ul>
	3 or 3/1	<input type="checkbox"/>		Grade of C	
CST 250/251: Microcomputer Architecture and Programming/Laboratory	3/1	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
TERM THREE: 31 45 CREDIT HOURS					
<b>Complete 2 additional courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 3: MAT 243; PHY 111 &amp; 113</li><li>First-Year Composition requirement completed by end of semester 3</li></ul>
	3 or 3/1	<input type="checkbox"/>		Grade of C	
CST 220: Programming Languages for Technology with C/C++ and Scripting	3	<input type="checkbox"/>			
ECN 211: Macroeconomic Principles (SB)	3	<input type="checkbox"/>			
PHY 112/114: General Physics/Laboratory (SQ)	3/1	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
<b>Complete remaining courses from:</b> <b>MA course: (APM 265: Mathematics of Change I *)</b> <b>APM 266: Mathematics of Change II</b> <b>CST 100: Object-Oriented Software Development</b> <b>CST 150: Digital Systems I (CS)</b> <b>CST 200&amp; 201: Object-Oriented Software Development II/Laboratory (3/1 hrs)</b> <b>MAT 243: Discrete Mathematical Structures</b> <b>PHY 111/113: General Physics/Laboratory (SQ)</b> <b>CST 230: Applied Data Structures</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete remaining critical courses each with a minimum grade of C. Suggested courses for term 4: CST 230</li></ul>
	3 or 3/1	<input type="checkbox"/>		Grade of C	
APM 294: Mathematics of Change III	3	<input type="checkbox"/>			
CST 350: Digital Systems Design with Verilog	4	<input checked="" type="checkbox"/>			
CST 364: Computer Architecture	3	<input checked="" type="checkbox"/>			
TERM FIVE: 61 75 CREDIT HOURS					
APM 301: Introductory Statistics (CS)	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Complete all 8 tracking courses with a minimum 2.0 GPA within two attempts</li></ul>
CST 315: Software Enterprise I: Tools and Process	3	<input checked="" type="checkbox"/>			
CST 386: Operating Systems Principles	3	<input checked="" type="checkbox"/>			
CST 420: Foundations of Distributed Web-Based Applications in Java	3	<input checked="" type="checkbox"/>			
EST 210: Circuit Analysis I	3	<input type="checkbox"/>			



Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
CST 383: Shell and Script Programming with UNIX	3	<input checked="" type="checkbox"/>			
CST 359: Internet Networking Protocols OR CST 458: Digital Computer Networks	3	<input checked="" type="checkbox"/>			
CST 486: Embedded C Programming	3	<input checked="" type="checkbox"/>			
Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
CST 415: Software Enterprise III: Inception and Elaboration (L)	3	<input checked="" type="checkbox"/>			
CST 456: Microcomputer Systems Interfacing	4	<input checked="" type="checkbox"/>			
CST 496: Ethics and Professionalism in Computing	1	<input checked="" type="checkbox"/>			
Lab Science	4	<input checked="" type="checkbox"/>			
Technical Elective	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
CST 416: Software Enterprise IV: Project & Process Management (L)** OR TWC 400: Technical Communications (L)	3	<input checked="" type="checkbox"/>			**Literacy (L) designation approval pending
CST 441: Software for Personal Digital Assistants or CST 494: Special Topics	3	<input checked="" type="checkbox"/>			
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	<input checked="" type="checkbox"/>			
Technical Elective	3	<input checked="" type="checkbox"/>			
Technical Elective	4	<input checked="" type="checkbox"/>			

#### 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)
  - 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:

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>*Mathematical Studies (MA) designation approval pending</li><li>Complete First-Year Composition requirement by end of semester 3</li></ul>
<b>APM 265: Mathematics of Change I (MA*)</b>	3	<input type="checkbox"/>		Grade of C	
<b>EST 194 (160): Introduction to Electronic Systems</b>	3	<input type="checkbox"/>		Grade of C	
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
TERM TWO: 16 30 CREDIT HOURS					
<b>APM 266: Mathematics of Change II</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement by end of semester 3</li></ul>
<b>EST 194 (115): Digital Systems I</b>	3	<input type="checkbox"/>		Grade of C	
PHY 111/113: General Physics/Laboratory (SQ)	3/1	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
TERM THREE: 31 45 CREDIT HOURS					
<b>APM 294: Mathematics of Change III</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement by end of semester 3</li></ul>
CST 256: C-Programming for Engineering Technology (or CST 220 Programming Languages for Technology with C/C++ and Scripting)	3	<input type="checkbox"/>		Grade of C	
PHY 112/114: General Physics II/Laboratory (SQ)	3/1	<input type="checkbox"/>			
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
<b>EST 200: Project Laboratory</b>	2	<input type="checkbox"/>		Grade of C	
<b>EST 210: Circuit Analysis I</b>	3	<input type="checkbox"/>		Grade of C	
EST 394 (315): Digital Systems II	3	<input checked="" type="checkbox"/>		Grade of C	
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
Social & Behavioral Science (SB)	3	<input type="checkbox"/>			
TERM FIVE: 61 75 CREDIT HOURS					
ALT 360: Renewable Energy Technologies: Fundamentals & Integration	3	<input checked="" type="checkbox"/>		Grade of C	
EST 310: Circuit Analysis II	3	<input checked="" type="checkbox"/>		Grade of C	
EST 394 (350): Advanced Microcontrollers	3	<input checked="" type="checkbox"/>		Grade of C	
UET 331: Electronic Materials	3	<input checked="" type="checkbox"/>		Grade of C	
UET 305 Introduction to Microelectronics	3	<input checked="" type="checkbox"/>		Grade of C	
TERM SIX: 76 90 CREDIT HOURS					
EST 345: Planning & Delivering Engineering Projects	3	<input checked="" type="checkbox"/>		Grade of C	
EST 394 (360): Wireless Systems	3	<input checked="" type="checkbox"/>		Grade of C	
EST 370: Sensors	3	<input checked="" type="checkbox"/>		Grade of C	
EST 394 (380): Electronic Devices	3	<input checked="" type="checkbox"/>		Grade of C	
EST 494 (410): Electronics System Design	3	<input checked="" type="checkbox"/>		Grade of C	
Concentration Elective	3	<input checked="" type="checkbox"/>		Grade of C	
TERM SEVEN: 91 105 CREDIT HOURS					
EST 494 (465) Statistical Process Control	3	<input checked="" type="checkbox"/>		Grade of C	
TWC 446 Technical & Scientific Reports (L)	3	<input checked="" type="checkbox"/>			
EST 494 (470) Capstone Design I	2	<input checked="" type="checkbox"/>		Grade of C	
Concentration Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Concentration Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Concentration Elective	3	<input checked="" type="checkbox"/>		Grade of C	
TERM EIGHT: 106 120 CREDIT HOURS					
Upper division Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB)	3	<input checked="" type="checkbox"/>			
EST 494 (471) Capstone Design II	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division Technical Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Concentration Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Concentration Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Concentration Elective	3	<input checked="" type="checkbox"/>		Grade of C	

**Graduation Requirements Summary:**

Total Hours (125 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (50 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)
  - 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:**
**Each Concentration is 18 hours**
Basic Electronics Option

EET 494 Digital Real Time Control  
 EET 406: Control System Technology  
 EET 430: Instrumentation Systems  
 EET 460: Power Electronics  
 Upper division Technical Elective (6 hours)

Integrated Electronic Systems

UET 411: Layer Disposition Technology  
 UET 416: Dopant Control Technology  
 UET 417: Semiconductor Technology Practice  
 UET 418: Systems on Silicon  
 UET 424: Pattern Transfer Technology  
 UET 432: Semiconductor Packaging & Heat Transfer

Alternative Energy Concentration

ALT 401: Hydrogen Generation, Storage & Distribution  
 ALT 405: Power Conditioning  
 ALT 410: Solar Cells & Modules  
 ALT 435: Applied Photovoltaics  
 ALT 445: Automotive & Stationary FCS  
 MET 340 Thermo-Fluids I

Telecommunications

EET 401: Digital Signal Proc for Multimedia  
 EET 494: Advanced Wireless Technologies  
 EET 494: RFID Technology  
 EET 494: ST: Dig Filt HD  
 Upper division Technical Elective (6 hrs)

			Completed ATP:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Completed AGECE:	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only not required of transfer students</li><li>APM 265 must be completed by the end of term 2.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>PHY 121 must be completed by end of term 3</li><li>Maintain minimum cumulative GPA of 2.0</li></ul>	
APM 265: Mathematics of Change I (MA) or Pre-req MAT 170: Precalculus	3	<input type="checkbox"/>		Grade of C		
Complete 1 course from: EGR 101: Introduction to Engineering Design I or EGR 102: Introduction to Engineering Design II	3 or 4	<input type="checkbox"/>		Grade of C		
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
TERM TWO: 16 30 CREDIT HOURS						
PHY 121: University Physics I: Mechanics (if APM 265 (or equivalent) is completed otherwise take Elective	3	<input type="checkbox"/>		Grade of C in PHY 121	<ul style="list-style-type: none"><li>PHY 121 must be completed by end of term 3</li><li>Maintain minimum cumulative GPA of 2.0</li><li>APM 267 must be completed by the end of term 4</li></ul>	
Complete remaining course from: EGR 101: Introduction to Engineering Design I or EGR 102: Introduction to Engineering Design II	3 or 4	<input type="checkbox"/>		Grade of C		
APM 266: Mathematics of Change II Or APM 265: Mathematics of Change I (MA)	3	<input type="checkbox"/>		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	<input type="checkbox"/>		Grade of C		
EGR 104 (currently EGR 194): Critical Inquiry in Engineering	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
PHY 121: University Physics I or if already completed, take Elective	3	<input type="checkbox"/>		Grade of C in PHY 121	<ul style="list-style-type: none"><li>Completed First-Year Composition Requirement (ENG 101/107 and ENG 102/108 or ENG 105)</li><li>PHY 121 must be completed by end of term 3</li><li>APM 267 must be completed by the end of term 4</li><li>Maintain minimum cumulative GPA of 2.0</li></ul>	
EGR 201: Fall Multidisciplinary Project	3	<input type="checkbox"/>		Grade of C		
EGR 2** Engineering Fundamentals (five hours of EGR 2xx modules at 1 hour each)	5	<input type="checkbox"/>				
EGR 280: Engineering Statistics (CS)	3	<input type="checkbox"/>				
APM 267: Mathematics of Change III Or APM 266: Mathematics of Change II	3	<input type="checkbox"/>		Grade of C		
TERM FOUR: 46 60 CREDIT HOURS						
EGR 202: Spring Multidisciplinary Project	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>APM 267 must be completed by the end of term 4</li><li>Maintain minimum cumulative GPA of 2.0</li></ul>	
EGR 2** Engineering Fundamentals (five hours of EGR 2xx modules at 1 hour each)	5	<input type="checkbox"/>				
APM 267: Mathematics of Change III or if completed take Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
MAT 275: Modern Differential Equations (or MAT 274: Elementary Differential Equations)	3	<input type="checkbox"/>				
HTY 316: History of Engineering (SB & G)	3	<input checked="" type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
EGR 301: Fall Concentration Project	3	<input checked="" type="checkbox"/>			Consult with advisor for choice of Primary Focus area courses from: <ul style="list-style-type: none"><li>Civil Infrastructure Focus Area</li><li>Electrical Engineering Systems Focus Area</li><li>Mechanical Engineering Systems Focus Area</li><li>Robotics Focus Area</li></ul>	
EGR 3** Module	1	<input checked="" type="checkbox"/>				
UD Primary Focus Area	3	<input checked="" type="checkbox"/>				
Science Elective: complete once course from: BIO 187: General Biology I (SG) CHM 116: General Chemistry II (SQ) GLG 101/103: Intro to Geology I (Physical) & Lab (SQ, G) PHY 122: University Physics I Lab PHY 131/132: University Physics II (SQ)	4	<input type="checkbox"/>				
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
Secondary Focus Area (choose with advisor consultation)	3	<input type="checkbox"/>				
TERM SIX: 76 90 CREDIT HOURS						
EGR 302: Spring Concentration Project (L**)	3	<input checked="" type="checkbox"/>			**Literacy & Critical Inquiry (L) designation approval pending Consult with advisor for choice of Primary Focus area courses from: <ul style="list-style-type: none"><li>Civil Infrastructure Focus Area</li><li>Electrical Engineering Systems Focus Area</li><li>Mechanical Engineering Systems Focus Area</li><li>Robotics</li></ul>	
EGR 3** Module	1	<input checked="" type="checkbox"/>				
Upper division Primary Focus Area	3	<input checked="" type="checkbox"/>				
MAT 343: Applied Linear Algebra	3	<input checked="" type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
Secondary Focus Area (choose w/advisor consultation)	3	<input type="checkbox"/>				
TERM SEVEN: 91 105 CREDIT HOURS						
EGR 401: Engineering Capstone Project I	4	<input checked="" type="checkbox"/>			Consult with advisor for choice of Primary Focus area courses from: <ul style="list-style-type: none"><li>Civil Infrastructure Focus Area</li><li>Electrical Engineering Systems Focus Area</li><li>Mechanical Engineering Systems Focus Area</li><li>Robotics</li></ul>	
Upper division Primary Focus Area	3	<input checked="" type="checkbox"/>				
Math or Science (PHY 321 or 331 or ABS 485)	3	<input type="checkbox"/>				
Upper division Secondary Focus Area (choose w/advisor consultation)	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
EGR 402: Engineering Capstone Project II	4	<input checked="" type="checkbox"/>			Consult with advisor for choice of Primary focus area courses from: • Civil Infrastructure Focus Area • Electrical Engineering Systems Focus Area • Mechanical Engineering Systems Focus Area • Robotics
Upper division Primary Focus Area	3	<input checked="" type="checkbox"/>			
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	<input checked="" type="checkbox"/>			
Upper division Secondary Focus Area (choose w/ advisor consultation)	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (128 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)
  - 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:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete 1 critical course. Suggested course for term 1: BIO 100 or 187</li><li>Maintain 2.0 ASU – GPA</li></ul>	
<b>Complete 1 course from:</b> <ul style="list-style-type: none"><li><b>BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs)</b></li><li><b>CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs)</b></li><li><b>ETM 301: Environmental Management (3 hrs)</b></li><li><b>CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs)</b></li><li><b>TMC 346: Management Dynamics (3 hrs)</b></li></ul>	3 or 4	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
<b>Complete 1 additional course from:</b> <ul style="list-style-type: none"><li><b>BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs)</b></li><li><b>CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs)</b></li><li><b>ETM 301: Environmental Management (3 hrs)</b></li><li><b>CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs)</b></li><li><b>TMC 346: Management Dynamics (3 hrs)</b></li></ul>	3 or 4	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete 1 additional critical course. Suggested course for term 2: CHM 101 or 113</li><li>Maintain 2.0 ASU – GPA</li></ul>	
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
MAT 170: Precalculus (MA)	3	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>Complete 2 additional courses from:</b> <ul style="list-style-type: none"><li><b>BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs)</b></li><li><b>CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs)</b></li><li><b>ETM 301: Environmental Management (3 hrs)</b></li><li><b>CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs)</b></li><li><b>TMC 346: Management Dynamics (3 hrs)</b></li></ul>	3 or 4	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete 2 additional critical courses. Suggested courses for term 3: CHM 231 or ETM 294 and ETM 301</li><li>Completion of first-year composition requirement</li><li>Maintain 2.0 ASU – GPA</li></ul>	
Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing)	3	<input type="checkbox"/>				
MAT 210: Brief Calculus	3	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46 60 CREDIT HOURS</b>						
<b>Complete remaining courses from:</b> <ul style="list-style-type: none"><li><b>BIO 100: The Living World (SQ) (4 hrs) or BIO 187: General Biology I(SQ) (4 hrs)</b></li><li><b>CHM 101: Introductory Chemistry (SQ) (4 hrs) or CHM 113: General Chemistry I (SQ) (4 hrs)</b></li><li><b>ETM 301: Environmental Management (3 hrs)</b></li><li><b>CHM 231: Elementary Organic Chemistry (4 hrs) or ETM 294: Special Topics (4hrs)</b></li><li><b>TMC 346: Management Dynamics (3 hrs)</b></li></ul>	3 or 4	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete all critical courses. Suggested course for term 4: TMC 346</li><li>Maintain 2.0 ASU – GPA</li></ul>	
PHY 101: Introduction to Physics	4	<input type="checkbox"/>				
ETM 302: Water and Wastewater Treatment Technology	3	<input checked="" type="checkbox"/>				
Science-Math-CS Elective	4	<input type="checkbox"/>				
<b>TERM FIVE: 61 75 CREDIT HOURS</b>						
ETM 401: Hazardous Waste Management	3	<input checked="" type="checkbox"/>				
ETM 406: Environmental Chemistry	3	<input checked="" type="checkbox"/>				
APM 301: Introductory Statistics (CS)	3	<input checked="" type="checkbox"/>				
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
TMC 470: Project Management	3	<input checked="" type="checkbox"/>			
ETM 303: Environmental Regulations	3	<input checked="" type="checkbox"/>			
ETM 402: Unit Treatment Technologies	3	<input checked="" type="checkbox"/>			
Science-Math-CS Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
TMC 396: Professional Orientation	1	<input checked="" type="checkbox"/>			
TWC 400: Technical Communications (L)	3	<input checked="" type="checkbox"/>			
ETM 407: Occupational Hygiene	3	<input checked="" type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
Upper division elective	3	<input checked="" type="checkbox"/>			
Upper division elective	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
ETM 428: International Environmental Management	3	<input checked="" type="checkbox"/>			
TMC 480: Senior Project	3	<input checked="" type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
Technical Elective	2	<input type="checkbox"/>			

**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)
  - 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:**

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.

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>• ASU Math Placement Exam score determines placement in Mathematics course</li><li>• Complete 1 critical course. Suggested course for term 1: GIT 110</li><li>• Maintain 2.0 ASU – GPA</li></ul>	
<b>Complete 1 course from:</b> <b>GIT 110: Technical Graphics</b> <b>GIT 135: Graphic Communications</b> <b>GIT 230: Digital Illustration in Publishing</b> <b>GIT 210: Creative Thinking and Design Visualization</b> <b>TMC 346: Management Dynamics</b>	3	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
MAT 170: Precalculus ((MA)	3	<input type="checkbox"/>				
Social & Behavioral Science (SB) (PGS 101: Intro o to Psychology recommended)	3	<input type="checkbox"/>				
TERM TWO: 16 30 CREDIT HOURS						
<b>Complete 1 course from:</b> <b>GIT 110: Technical Graphics</b> <b>GIT 135: Graphic Communications</b> <b>GIT 230: Digital Illustration in Publishing</b> <b>GIT 210: Creative Thinking and Design Visualization</b> <b>TMC 346: Management Dynamics</b>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>• Complete 1 additional critical course. Suggested course for term 2: GIT 230</li><li>• Maintain 2.0 ASU – GPA</li></ul>	
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
PHY 101: Introduction to Physics (SQ)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
TERM THREE: 31 45 CREDIT HOURS						
<b>Complete 1 course from:</b> <b>GIT 110: Technical Graphics</b> <b>GIT 135: Graphic Communications</b> <b>GIT 230: Digital Illustration in Publishing</b> <b>GIT 210: Creative Thinking and Design Visualization</b> <b>TMC 346: Management Dynamics</b>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>• Complete 1 additional critical course. Suggested course for term 3: GIT 210</li><li>• Maintain 2.0 ASU – GPA</li></ul>	
APM 301: Introductory Statistics (CS)	3	<input checked="" type="checkbox"/>				
CHM 101: Introductory Chemistry (SQ)	4	<input type="checkbox"/>				
GIT 303: Digital Publishing	3	<input checked="" type="checkbox"/>				
Social Behavioral Science (SB) (ECN 211: Macroeconomic Principles recommended)	3	<input type="checkbox"/>				
TERM FOUR: 46 60 CREDIT HOURS						
<b>Complete remaining 2 courses from:</b> <b>GIT 110: Technical Graphics</b> <b>GIT 135: Graphic Communications</b> <b>GIT 230: Digital Illustration in Publishing</b> <b>GIT 210: Creative Thinking and Design Visualization</b> <b>TMC 346: Management Dynamics</b>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>• Complete remaining critical courses.</li><li>• Maintain 2.0 ASU – GPA</li></ul>	
GIT 212: 3-D Computer Graphics Modeling and Representation	3	<input type="checkbox"/>				
GIT 314: Multimedia Design, Planning and Storyboards	3	<input type="checkbox"/>				
Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing)	3	<input checked="" type="checkbox"/>				
TERM FIVE: 61 75 CREDIT HOURS						
GIT 333: Printing Technology	3	<input checked="" type="checkbox"/>				
GIT 334: Image Capture and Manipulation	3	<input checked="" type="checkbox"/>				
GIT 337: Web Content Design	3	<input checked="" type="checkbox"/>				
TMC 331: Quality Assurance	3	<input checked="" type="checkbox"/>				
Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input checked="" type="checkbox"/>				



Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SIX: 76 90 CREDIT HOURS</b>					
TMC 396: Professional Orientation	1	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> <li>Concentration Selectives-Recommend 3 from               <ul style="list-style-type: none"> <li>GIT 411: Computer Animation</li> <li>GIT 412: Multimedia Authoring, Scripting and Production</li> <li>GIT 414: Web Site Design and Internet/Web Technologies</li> <li>OMT 440: Introduction to International Business</li> <li>TWC 401: Principles of Technical Communication</li> </ul> </li> </ul>
TMC 470: Project Management	3	<input checked="" type="checkbox"/>			
GIT 384: Commercial Digital Photography	3	<input checked="" type="checkbox"/>			
GIT 437: Color Reproduction Systems	3	<input checked="" type="checkbox"/>			
Concentration Selective	3	<input checked="" type="checkbox"/>			
Concentration Selective	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
GIT 450: Digital Workflow in Graphic Industries	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> <li>Concentration Selectives-Recommend 3 from               <ul style="list-style-type: none"> <li>GIT 411: Computer Animation</li> <li>GIT 412: Multimedia Authoring, Scripting and Production</li> <li>GIT 414: Web Site Design and Internet/Web Technologies</li> <li>OMT 440: Introduction to International Business</li> <li>TWC 401: Principles of Technical Communication</li> </ul> </li> </ul>
GIT 415: Computer Graphics: Business Planning and Management	3	<input checked="" type="checkbox"/>			
GIT 432: Graphic industry Business Practices	3	<input checked="" type="checkbox"/>			
Concentration Selective	3	<input checked="" type="checkbox"/>			
Concentration Selective	2	<input checked="" type="checkbox"/>			
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) or SB & C, G or H	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
TWC 400: Technical Communications (L)	3	<input checked="" type="checkbox"/>			
GIT 4**	3	<input checked="" type="checkbox"/>			
GIT 4**	3	<input checked="" type="checkbox"/>			
TMC 480: Senior Project	3	<input checked="" type="checkbox"/>			
GIT 4**	3	<input checked="" type="checkbox"/>			

**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**

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

**Additional Notes:**

## Major Map: Manufacturing Engineering Technology – Bachelor of Science (B.S.)

College of Technology and Innovation, Polytechnic Campus  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only. Not required of transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses.</li><li>ASU Math Placement Exam score determines placement in Mathematics course.</li><li>Students complete either MAT 170, APM/MAT 265, APM/MAT 266 and APM 301 or APM/MAT 265, APM/MAT 266, MAT 274/275 and APM 301 depending on math placement score.</li><li>Complete either a MAT or APM and a PHY or a CHM course (recommend both a math class and a science course. Completion of College Algebra and College Trig is equivalent to Precalculus.)</li><li>Complete MET course (recommend MET 150, MET 160).</li></ul>	
Complete 1 course (depending on math placement score) from: <b>MAT 170: Precalculus or</b> <b>APM 265: Mathematics of Change I (or MAT 265)</b>	3	<input type="checkbox"/>				
Complete one course from: <b>MET 150: Introduction to Engineering Technology</b> <b>MET 160: CADD and Solid Modeling</b>	1 or 2	<input type="checkbox"/>				
CHM 113: General Chemistry (SQ)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
Complete 1 course from: <b>APM 265: Mathematics of Change I (or MAT 265) or</b> <b>APM 266: Mathematics of Change II (or MAT 266) (if APM/MAT 265 completed)</b>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete a MAT or APM or PHY or CHM course (recommend both a math class, ideally Calc I and a science course. Do Physics as soon as its math prerequisite is met)</li><li>Complete MET or AET course (recommend MET 160 and MET 230)</li></ul>	
If not completed in Term One, complete 2 courses from: <b>CHM 113: General Chemistry (SQ) or</b> <b>PHY 111: General Physics /PHY 113: General Physics Lab (SQ)</b> <b>PHY 112: General Physics /PHY 114: General Physics Lab (if PHY 111 &amp; 113 completed)</b>	4	<input type="checkbox"/>				
If not completed in Term One: <b>MET 160: CADD and Solid Modeling</b>	2	<input type="checkbox"/>				
<b>MET 230: Introduction to Engineering Materials</b>	2	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
<b>APM 266: Mathematics of Change II (or MAT 266) or</b> <b>MAT 274: Differential Equations (MA) (only required for students who did not complete MAT 170)</b>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete MET 211 (or MET 231 if prerequisites for MET 211 not met)</li><li>Complete an APM or MAT or PHY course</li><li>First-Year Composition Requirement Completed (ENG 101/107 AND ENG 102/108 or ENG 105)</li></ul>	
Complete remaining courses from: <b>CHM 113: General Chemistry (SQ) or</b> <b>PHY 112: General Physics /PHY 114: General Physics Lab (if PHY 111 &amp; 113 completed)</b>	3/1	<input type="checkbox"/>				
<b>MET 211: Statics</b>	3	<input type="checkbox"/>				
<b>MET 231: Manufacturing Processes</b>	3	<input type="checkbox"/>				
MET 302: Welding Survey	3	<input checked="" type="checkbox"/>				
<b>TERM FOUR: 45 60 CREDIT HOURS</b>						
<b>APM 301: Introductory Statistics (CS)</b>	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Complete MET 231, MET 313</li><li>Complete an APM or MAT course</li></ul>	
<b>MET 313: Applied Mechanics of Materials</b>	3	<input checked="" type="checkbox"/>				
MET 314: Applied Mechanics of Materials Lab	1	<input checked="" type="checkbox"/>				
ESD 210, Circuit Analysis I	3	<input type="checkbox"/>				
Literacy & Critical Inquiry (ENG 301 recommended) (L)	3	<input type="checkbox"/>				
Social & Behavioral Science (SB) AND Cultural Diversity in the US (C) Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
<b>TERM FIVE: 61 77 CREDIT HOURS</b>						
MET 300: Applied Material Science	3	<input checked="" type="checkbox"/>				
MET 309: Nondestructive Testing and Quality Assurance	1	<input checked="" type="checkbox"/>				
MET 331: Machine Design I	3	<input checked="" type="checkbox"/>				
MET 396: Professional Orientation	1	<input checked="" type="checkbox"/>				
MET 340: Thermo-Fluids I	3	<input checked="" type="checkbox"/>				
Social & Behavioral Sciences (SB)	3	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SIX: 78 95 CREDIT HOURS</b>					
MET 341: Manufacturing Analysis	3	<input checked="" type="checkbox"/>			
MET 345: Advanced Manufacturing Processes	3	<input checked="" type="checkbox"/>			
MET 344: Casting and Forming Processes	3	<input checked="" type="checkbox"/>			
MET 351: Introduction to Automation	3	<input checked="" type="checkbox"/>			
Concentration Elective	3	<input checked="" type="checkbox"/>			
Upper division Social & Behavioral Science (SB) OR Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C) Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
<b>TERM SEVEN: 96 113 CREDIT HOURS</b>					
TWC 446: Technical and Scientific Reports (L)	3	<input checked="" type="checkbox"/>			
MET 443: CNC Computer Programming	3	<input checked="" type="checkbox"/>			
MET 416: Applied Computer-Integrated Manufacturing	3	<input checked="" type="checkbox"/>			
MET 460: Capstone Project I	3	<input checked="" type="checkbox"/>			
Concentration Elective	6	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 114 128 CREDIT HOURS</b>					
MET 401: Quality Assurance	3	<input checked="" type="checkbox"/>			
MET 444: Production Tooling	3	<input checked="" type="checkbox"/>			
MET 461: Capstone Project II	3	<input checked="" type="checkbox"/>			
Concentration Elective	3	<input checked="" type="checkbox"/>			
Concentration Elective	3	<input checked="" type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (128)	Total Hrs at ASU (30)	Hrs Resident Credit for Academic Recognition (56)	Overall GPA	Total UD Hrs (45)	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)
  - 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)
- First-Year Composition

**Additional Notes:**

Mfg Concentration (15 credits)  
 MET 409 (3) Applied Engineering Economics  
 MET 410 (3) Manufacturing Resources Management  
 MET 442 (3) Specialized Production Processes  
 Technical Elective (6)

Mechanical Concentration (15 credits)  
 MET 409 (3) Applied Engineering Economics  
 MET 410 (3) Manufacturing Resources Management  
 MET 434 (3) Engineering Thermofluids III  
 MET 438 (3) Machine Design II  
 Technical Elective (3)

## Major Map: Mechanical Engineering Technology – Bachelor of Science (B.S.)

College of Technology and Innovation, Polytechnic Campus,  
Catalog Year: 2009-2010

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Students complete either MAT 170, APM/MAT 265, APM/MAT 266 and APM 301 or APM/MAT 265, APM/MAT 266, MAT 274/275 and APM 301 depending on math placement score</li><li>Complete either a MAT or APM and a PHY or a CHM course (recommend both a math class and a science course. Completion of College Algebra and College Trig is equivalent to Precalculus.)</li><li>Complete MET course (recommend MET 150, MET 160).</li></ul>	
Complete 1 course (depending on math placement score) from: <b>MAT 170: Precalculus or</b> <b>APM 265: Mathematics of Change I (or MAT 265)</b>	3	<input type="checkbox"/>				
Complete 1 course from: <b>MET 150: Introduction to Engineering Technology or</b> <b>MET 160: CADD and Solid Modeling</b>	1 or 2	<input type="checkbox"/>				
CHM 113: General Chemistry (SQ)	4	<input type="checkbox"/>				
PHY 111: General Physics /PHY 113: General Physics Lab (SQ)	4	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
TERM TWO: 16 29 CREDIT HOURS						
Complete 1 course from: <b>APM 265: Mathematics of Change I (or MAT 265) or</b> <b>APM 266: Mathematics of Change II (or MAT 266) (if APM/MAT 265 completed)</b>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete a MAT or APM or PHY or CHM course (recommend both a math class, ideally Calc I and a science course. Do Physics as soon as its math prerequisite is met)</li><li>Complete MET or AET course (recommend MET 160 and MET 230)</li></ul>	
If not completed in Term One, complete 2 courses from: <b>CHM 113: General Chemistry (SQ) or</b> <b>PHY 111: General Physics /PHY 113: General Physics Lab (SQ)</b> <b>PHY 112: General Physics /PHY 114: General Physics Lab (if PHY 111 &amp; 113 completed)</b>	4	<input type="checkbox"/>				
If not completed in Term One: <b>MET 160: CADD and Solid Modeling</b>	2	<input type="checkbox"/>				
<b>MET 230: Introduction to Engineering Materials</b>	2	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
TERM THREE: 30 44 CREDIT HOURS						
<b>APM 266: Mathematics of Change II (or MAT 266) or</b> <b>MAT 274: Differential Equations (MA) (only required for students who did not complete MAT 170)</b>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete MET 211</li><li>Complete an APM or MAT and PHY or CHM course</li><li>First-Year Composition Requirement Completed (ENG 101/107 AND ENG 102/108 or ENG 105)</li></ul>	
If not already completed, complete remaining courses from: <b>CHM 113: General Chemistry (SQ) or</b> <b>PHY 112: General Physics /PHY 114: General Physics Lab (if PHY 111 &amp; 113 completed)</b>	(4)	<input type="checkbox"/>				
<b>MET 211: Statics</b>	3	<input type="checkbox"/>				
MET 231: Manufacturing Processes	3	<input type="checkbox"/>				
AET 210: Measurements and Testing	3	<input type="checkbox"/>				
Humanities (HU) course with awareness areas of C, G, or H	3	<input type="checkbox"/>				
TERM FOUR: 45 60 CREDIT HOURS						
<b>APM 301: Introductory Statistics (CS)</b>	3	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"><li>Complete MET 313</li><li>Complete an APM or MAT course</li></ul>	
<b>MET 313: Applied Mechanics of Materials</b>	3	<input checked="" type="checkbox"/>				
MET 314: Applied Mechanics of Materials Lab	1	<input checked="" type="checkbox"/>				
MET 345: Advanced Manufacturing Processes	3	<input checked="" type="checkbox"/>				
EST 210, Circuit Analysis I	3	<input type="checkbox"/>				
Literacy and Critical Inquiry (L) (ENG 301 recommended)	3	<input type="checkbox"/>				
TERM FIVE: 61 77 CREDIT HOURS						
MET 340: Thermo-Fluids I	3	<input checked="" type="checkbox"/>				
AET 312: Applied Engineering Mechanics: Dynamics	3	<input checked="" type="checkbox"/>				
MET 300: Applied Material Science	3	<input checked="" type="checkbox"/>				
MET 309: Nondestructive Testing and Quality Assurance	1	<input checked="" type="checkbox"/>				
MET 331: Machine Design I	3	<input checked="" type="checkbox"/>				
MET 396: Professional Orientation	1	<input checked="" type="checkbox"/>				
Humanities (HU) course with awareness areas of C, G, or H	3	<input type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SIX: 78 95 CREDIT HOURS</b>					
MET 409: Applied Engineering Economics	3	<input checked="" type="checkbox"/>			• See additional notes below for concentration courses
MET 432: Thermo-Fluids II	3	<input checked="" type="checkbox"/>			
Technical Elective	3	<input checked="" type="checkbox"/>			
Concentration Elective:	3	<input checked="" type="checkbox"/>			
Concentration Elective:	3	<input checked="" type="checkbox"/>			
Social Behavior (SB) course (awareness areas of C, G, or H as needed)	3	<input type="checkbox"/>			
<b>TERM SEVEN: 96 113 CREDIT HOURS</b>					
MET 460: Capstone Project I	3	<input checked="" type="checkbox"/>			• See additional notes below for concentration courses
TWC 446: Technical and Scientific Reports (L)	3	<input checked="" type="checkbox"/>			
Concentration Elective:	3	<input checked="" type="checkbox"/>			
Concentration Elective:	3	<input checked="" type="checkbox"/>			
Technical Elective:	3	<input checked="" type="checkbox"/>			
Social Behavior (SB) course (awareness areas of C, G, or H as needed)	3	<input type="checkbox"/>			
<b>TERM EIGHT: 114 128 CREDIT HOURS</b>					
MET 401: Quality Assurance	3	<input checked="" type="checkbox"/>			• See additional notes below for concentration courses
MET 461: Capstone Project II	3	<input checked="" type="checkbox"/>			
Concentration Elective	3	<input checked="" type="checkbox"/>			
Concentration Elective	3	<input checked="" type="checkbox"/>			
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (128)	Total Hrs at ASU (30)	Hrs Resident Credit for Academic Recognition(56)	Overall GPA (2.00 min)	Total UD Hrs (45)	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)
  - 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)
- First-Year Composition

**Additional Notes: All Concentrations are 18 credits**

**Base Mechanical Option**

MET 434 (3) Thermo Fluids III  
MET 351 (3) Intro to Automation  
MET 418 (3) Composites Mtls Mfg  
MET 438 (3) Machine Design II  
MET 440 (3) Finite Element Analysis  
Tech Elec (3)

**Aeronautical Concentration**

AET 215 (2) Aircraft Systems (take in 1<sup>st</sup> two years of program)  
AET 300 (3) Aircraft Design I  
AET 417 (3) Aerospace Structures  
AET 415 (3) Gas Dyn & Propul  
AET 420 (1) Wind Tunnel Test  
MET 434 (3) Thermo Fluids III  
MET 418 (3) Composites Mtls Mfg

**Automation Concentration**

MET 341 (3) Mfg Analysis  
MET 351 (3) Intro to Automation  
MET 416 (3) Applied CIM  
MET 438 (3) Machine Design II  
MET 455 (3) Auto Sys Integration  
Tech Elec (3)

**Automotive Concentration**

MET 321 (3) Intro to Automotive (take in fall of junior year)  
MET 421 (3) Vehicle Powertrains  
MET 423 (3) Vehicle Chassis Design  
MET 424 (3) Vehicle Elec & Control sys  
MET 426 (3) Vehicle Thermal Design  
MET 427 (3) System Integration & Test

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> 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	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for ASU freshman students only Not required of transfer students</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete 1 critical course. Suggested course for term 1: GIT 110</li><li>Maintain 2.0 ASU – GPA</li></ul>
<b>Complete 1 course from:</b> <ul style="list-style-type: none"><li><b>GIT 110: Technical Graphics</b></li><li><b>GIT 135: Graphic Communications</b></li><li><b>ECN 211: Macroeconomic Principles (SB) or ECN 212: Macroeconomic Principles (SB)</b></li><li><b>TMC 331: Quality Assurance</b></li><li><b>TMC 346: Management Dynamics</b></li></ul>	3	<input type="checkbox"/>			
CHM 101: General Chemistry for Engineers (SQ)	4	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
Social & Behavioral Sciences (PGS 101: Intro to Psychology recommended) (S)	3	<input type="checkbox"/>			
TERM TWO: 16 30 CREDIT HOURS					
<b>Complete 2 additional courses from:</b> <ul style="list-style-type: none"><li><b>GIT 110: Technical Graphics</b></li><li><b>GIT 135: Graphic Communications</b></li><li><b>ECN 211: Macroeconomic Principles (SB) or ECN 212: Macroeconomic Principles (SB)</b></li><li><b>TMC 331: Quality Assurance</b></li><li><b>TMC 346: Management Dynamics</b></li></ul>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete 2 additional critical course. Suggested course for term 2: ECN 211 or 212, GIT 135</li><li>Maintain 2.0 ASU – GPA</li></ul>
	3	<input type="checkbox"/>			
PHY 101: Introduction to Physics (SQ)	4	<input type="checkbox"/>			
MAT 170: Precalculus (MA)	3	<input type="checkbox"/>			
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
TERM THREE: 31 45 CREDIT HOURS					
OMT 343: Occupational Safety and Ergonomics	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>First-year composition completed</li><li>Maintain 2.0 ASU – GPA</li></ul>
ETM 301: Environmental Management	3	<input type="checkbox"/>			
OMT 344: Industrial Organization	3	<input type="checkbox"/>			
Literacy & Critical Inquiry (L) (Recommend: ENG 301: Writing for Professionals or TWC 301: General Principles of Multimedia Writing)	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
TERM FOUR: 46 60 CREDIT HOURS					
<b>Complete remaining 2 courses from:</b> <ul style="list-style-type: none"><li><b>GIT 110: Technical Graphics</b></li><li><b>GIT 135: Graphic Communications</b></li><li><b>ECN 211: Macroeconomic Principles (SB) or ECN 212: Macroeconomic Principles (SB)</b></li><li><b>TMC 331: Quality Assurance</b></li><li><b>TMC 346: Management Dynamics</b></li></ul>	3	<input type="checkbox"/>			<ul style="list-style-type: none"><li>Complete remaining critical courses. Suggested course for term 4: TMC 331 and 346</li><li>Maintain 2.0 ASU – GPA</li></ul>
	3	<input type="checkbox"/>			
APM 301: Introductory Statistics (CS)	3	<input checked="" type="checkbox"/>			
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
OMT ***	3	<input checked="" type="checkbox"/>			
TERM FIVE: 61 75 CREDIT HOURS					
Humanities (HU) or Social Behavioral Science (SB)	3	<input checked="" type="checkbox"/>			
GIT 352: Technical Presentations	3	<input checked="" type="checkbox"/>			
OMT ***	3	<input checked="" type="checkbox"/>			
OMT ***	3	<input checked="" type="checkbox"/>			
OMT ***	3	<input checked="" type="checkbox"/>			
TERM SIX: 76 90 CREDIT HOURS					
TMC 396: Professional Orientation	1	<input checked="" type="checkbox"/>			
OMT 452: Industrial Human Resource Management	3	<input checked="" type="checkbox"/>			
OMT 430: Ethical Issues in Technology	3	<input checked="" type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
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	<input checked="" type="checkbox"/>			

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SEVEN: 91 105 CREDIT HOURS</b>					
TWC 400: Technical Communications (L)	3	<input checked="" type="checkbox"/>			
OMT 461: Operations Management	3	<input checked="" type="checkbox"/>			
OMT 480: Organizational Effectiveness	3	<input checked="" type="checkbox"/>			
OMT 445: Industrial Internship	3	<input checked="" type="checkbox"/>			
Technical Elective	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106 120 CREDIT HOURS</b>					
OMT 402: Legal Issues for Technologists	3	<input checked="" type="checkbox"/>			
OMT 440: Introduction to International Business	3	<input checked="" type="checkbox"/>			
TMC 470: Project Management	3	<input checked="" type="checkbox"/>			
TMC 480: Senior Project	3	<input checked="" type="checkbox"/>			
Technical Elective	2	<input type="checkbox"/>			

**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)
  - 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:**

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM ONE: 0 15 CREDIT HOURS</b>					
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for freshman ASU students only. Not required for transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>An ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete first course in First-Year Composition (WAC 101 or ENG 101 or ENG 107 or ENG 105)</li></ul>
UNI XXX: Special Topics: Career & Major Exploration	1	<input type="checkbox"/>		Grade of C	
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	<input type="checkbox"/>		Grade of C	
<b>Natural Science – Quantitative or General (SQ/SG)</b> Such as chemistry, physics or biology (particular course depends on majors of interest)	4	<input type="checkbox"/>		Grade of C	
<b>MAT XXX course</b>	3	<input type="checkbox"/>			
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design(HU) with Awareness Area or Second Language	3-4	<input type="checkbox"/>			
<b>TERM TWO: 16 30 CREDIT HOURS</b>					
UNI XXX: Special Topics Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed ENG 101/107/105 “C” or better</li><li>Completed Mathematical Studies (MA) with Grade of “C.”</li></ul>
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
<b>Natural Science – Quantitative or General (SQ/SG)</b>	4	<input type="checkbox"/>		Grade of C	
Mathematical Studies (MA) or Natural Science – Quantitative or General (SQ/SG)	3	<input type="checkbox"/>			
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area or Second Language	3-4	<input type="checkbox"/>			
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area or Second Language	3	<input type="checkbox"/>			
<b>TERM THREE: 31 45 CREDIT HOURS</b>					
UNI XXX: Special Topics: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li></ul>
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	<input type="checkbox"/>		Grade of C	
<b>Natural Science – Quantitative or General (SQ/SG)</b>	4	<input type="checkbox"/>		Grade of C	
Natural Science – Quantitative or General (SQ/SG) or Second Language or Elective	3-4	<input type="checkbox"/>			
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area	3	<input type="checkbox"/>			
Computer Literacy/Statistics (CS) or Mathematical Studies (MA) or Elective	3	<input type="checkbox"/>			

**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)
  - 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)
- First-Year Composition



**Additional Notes:** ASU Majors that may be tracked to this path

#### HEALTH & LIFE SCIENCES MAJOR TRACK

Major	Academic Programs	Math	Additional Math
Agribusiness (Preveterinary Medicine) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Applied Biological Sciences (Applied Biological Sciences) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 210	NA
Applied Biological Sciences (Secondary Education in Biology) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 210	NA
Applied Biological Sciences (Urban Horticulture) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 210	NA
Applied Biological Sciences (Wildlife & Restoration Ecology) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 210	NA
Biochemistry – BA	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Biochemistry – BS	College of Liberal Arts and Sciences (Tempe)	MAT 270	MAT 271
Biochemistry (Medicinal Chemistry) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 270	MAT 271
Biological Sciences – BS	College of Liberal Arts and Sciences (Tempe)	MAT 170 or higher	NA
Biological Sciences (Animal Physiology & Behavior) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Biological Sciences (Biology & Society) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Biological Sciences (Conservation Biology & Ecological Sustainability) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Biological Sciences (Ecology & Evolution) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Biological Sciences (Genetics, Cell & Developmental Biology) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Biological Sciences (Genomics & Bioinformatics) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Biological Sciences (Plant Biology) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Clinical Laboratory Sciences – BS	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Environmental Technology Management – BS	College of Technology and Innovation (Polytechnic)	MAT 170	additional math required
Exercise & Wellness (Exercise & Wellness) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 142 or higher	NA
Exercise & Wellness (Health Promotion) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 142 or higher	NA
Interdisciplinary Studies - BIS	School of Letters and Sciences (Downtown Phoenix, Polytechnic, Tempe, West)	MAT 142 or higher	depends on concentration
Kinesiology – BS	College of Liberal Arts and Sciences (Tempe)	MAT 170	NA
Life Sciences – BS	New College of Interdisciplinary Arts & Sciences (West)	MAT 210	NA
Microbiology – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Molecular Biosciences/Biotechnology – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251	NA
Nursing – BSN	College of Nursing & Healthcare Innovation (Downtown Phoenix)	MAT 142 or higher	NA
Nutrition (Dietetics) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 142 or higher	NA
Nutrition (Food & Nutrition Management) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 142 or higher	NA
Nutrition (Human Nutrition) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 142 or higher	NA
Nutrition (Nutrition Communication) – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 142 or higher	NA
Secondary Education (Biological Sciences) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 170 or higher	NA
Secondary Education (Physical Education) – BAE	School of Educational Innovation and Teacher Preparation (Polytechnic)	MAT 142 or higher	NA

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
<b>TERM ONE: 0 15 CREDIT HOURS</b>					
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for freshman ASU students only. Not required for transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>An ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete first course in First-Year Composition (WAC 101 or ENG 101 or ENG 107 or ENG 105)</li></ul>
UNI XXX: Special Topics: Career & Major Exploration	1	<input type="checkbox"/>		Grade of C	
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	<input type="checkbox"/>		Grade of C	
<b>Humanities/Fine Arts/Design (HU)</b> (One that is appropriate for majors of interest)	3	<input type="checkbox"/>		Grade of C	
Natural Science (SQ/SG)	3	<input type="checkbox"/>			
Humanities/Fine Arts (HU) or Social/Behavioral Science (SB) or Second Language (One that is appropriate for majors of interest)	3-4	<input type="checkbox"/>			
<b>TERM TWO: 16 30 CREDIT HOURS</b>					
UNI XXX: Special Topics: Choosing a major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed ENG 101/107/105 “C” or better</li></ul>
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
<b>Humanities/Fine Arts/Design (HU) or Social/Behavioral Science (SB)</b>	3	<input type="checkbox"/>		Grade of C	
Mathematical Studies (MA)	3	<input type="checkbox"/>			
Humanities/Fine Arts/Design (HU) or Social/Behavioral Science (SB) or Second Language	3-4	<input type="checkbox"/>			
Elective that introduces a new discipline	3	<input type="checkbox"/>			
<b>TERM THREE: 31 45 CREDIT HOURS</b>					
UNI XXX: Special Topics: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Complete Mathematical Studies (MA)</li></ul>
ENG 102: First-Year Composition OR ENG 108: English for Foreign Students OR Literacy and Critical Inquiry (L) OR Humanities/Fine Arts (HU)	3	<input type="checkbox"/>		Grade of C	
Natural Science (SQ/SG)	4	<input type="checkbox"/>			
<b>Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU)</b>	3	<input type="checkbox"/>			
Humanities/Fine Arts/Design (HU) or Social/Behavioral Science (SB) or Second Language (One that is appropriate for majors of interest)	3-4	<input type="checkbox"/>			
Computer Literacy/Statistics (CS) or Awareness Area (C, G, H)	3	<input type="checkbox"/>			

**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)
  - 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)
- First-Year Composition

**Additional Notes:**

ASU Majors That May Be Tracked To This Path:

**HUMANITIES, FINE ARTS, & DESIGN MAJOR TRACK**

Majors	Academic Programs	Math	Additional Math
African & African American Studies – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Architectural Studies – BSD	College of Design (Tempe)	MAT 170 or higher	NA
Art (Art History, Art Studies, Digital Art, Museum Studies) – BA	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Art (Art Education, Ceramics, Drawing, Fibers, Intermedia, Metals, Painting, Photography, Printmaking, Sculpture) – BFA	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Art (Pre-Art)	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Construction (Concrete Industry Management) – BS	Ira A. Fulton School of Engineering	MAT 265	NA
Construction (General Building Construction) – BS	Ira A. Fulton School of Engineering	MAT 265	NA
Construction (Heavy Construction) – BS	Ira A. Fulton School of Engineering	MAT 265	NA
Construction (Residential Construction) – BS	Ira A. Fulton School of Engineering	MAT 265	NA
Construction (Specialty Construction) – BS	Ira A. Fulton School of Engineering	MAT 265	NA
Dance (Dance, Dance Education) – BFA	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Dance (Pre-Dance)	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
English – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
English (Creative Writing) – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
English (Linguistics) – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
English (Literature) – BA	College of Liberal Arts and Science (Tempe)	MAT 142 or higher	NA
Film (Film & Media Production) – BA	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Film (Film & Media Studies) – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Graphic Design – BSD	College of Design (Tempe)	MAT 142 or higher	NA
Graphic Information Technology – BS	College of Technology & Innovation (Polytechnic)	MAT 170 or higher	NA
Industrial Design – BSD	College of Design (Tempe)	MAT 170 or higher	NA
Integrative Studies – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Interdisciplinary Arts & Performance – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Interdisciplinary Studies - BIS	School of Letters and Sciences (Downtown Phoenix, Polytechnic, Tempe, West)	MAT 142 or higher	depends on concentration
Interior Design – BSD	College of Design (Tempe)	MAT 170 or higher	NA
Landscape Architecture – BSLA	College of Design (Tempe)	MAT 170 or higher	NA
Literature, Writing & Film – BA	School of Applied Arts and Sciences (Polytechnic)	MAT 142 or higher	NA
Music – BA	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Music (Pre-Music)	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Music Education (Choral-General, Instrumental, String) – BMus	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Music Therapy – BMus	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Performance (Collaborative Piano, Guitar, Jazz, Keyboard, Music Theatre, Orchestral Instrument, Voice) – BMus	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Philosophy – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Religion & Applied Ethics Studies – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Religious Studies – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Science, Technology and Society – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 142 or higher	NA
Secondary Education (English) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 142 or higher	NA
Secondary Education (English) – BAE	College of Teacher Education and Leadership (Downtown Phoenix, West)	MAT 142 or higher	NA
Theatre (Pre-Theatre)	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Theatre (Theatre, Acting, Design & Production) – BA	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Theory & Composition (Composition, Theory) – BMus	Herberger College of the Arts (Tempe)	MAT 142 or higher	NA
Transborder Chicana/o & Latina/o Studies (Media, Literature and Arts) – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Transborder Chicana/o & Latina/o Studies (Transborder Community Development and Health) – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Transborder Chicana/o & Latina/o Studies (US and Mexican Regional Immigration Policy & Economy) – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Urban Planning – BSP	College of Design (Tempe)	MAT 142 or higher	NA
Women's Studies – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Women's Studies – BS	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0 15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101 is for freshman ASU students only. Not required for transfer students.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>An ASU Math Placement Exam score determines placement in Mathematics course</li><li>Complete first course in First-Year Composition (WAC 101 or ENG 101 or ENG 107 or ENG 105)</li></ul>	
UNI XXX: Special Topics: Career & Major Exploration	1	<input type="checkbox"/>		Grade of C		
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	<input type="checkbox"/>		Grade of C		
<b>MAT 117: College Algebra (does not meet MA) OR MAT 170: Pre-calculus or Calculus I</b>	3-4	<input type="checkbox"/>		Grade of C		
Natural Science (SQ/SG) Such as chemistry, physics, geography, geology or biology (particular course depends on majors interests)	4	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area or Second Language	3-4	<input type="checkbox"/>				
<b>TERM TWO: 16 30 CREDIT HOURS</b>						
UNI XXX: Special Topics: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed ENG 101/107/105 “C” or better</li></ul>	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>MAT 170: Pre-calculus or Calculus I or Calculus II</b> or Science or Engineering	3-4	<input type="checkbox"/>		Grade of C		
<b>Natural Science-Quantitative or General (SQ/SG)</b>	4	<input type="checkbox"/>		Grade of C		
Computer Literacy/Statistics (CS)	3	<input type="checkbox"/>				
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area or Second Language	3-4	<input type="checkbox"/>				
<b>TERM THREE: 31 45 CREDIT HOURS</b>						
UNI XXX: Special Topics: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li></ul>	
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	<input type="checkbox"/>		Grade of C		
<b>Calculus III</b> or Science or Engineering	3-4	<input type="checkbox"/>		Grade of C		
<b>Natural Science – Quantitative (SQ):</b>	3-4	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area	3-4	<input type="checkbox"/>		Grade of C		
Elective or Second Language	3	<input type="checkbox"/>				

**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)
  - 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)
- First-Year Composition

**Additional Notes:** ASU Majors That May Be Tracked To This Path

**MATH, PHYSICAL SCIENCES, ENGINEERING & TECHNOLOGY MAJOR TRACK**

Majors	Academic Programs	Math	Additional Math
Aerospace Engineering (Aeronautics) – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Aerospace Engineering (Astronautics) – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Applied Computer Science – BS	College of Technology & Innovation (Polytechnic)	APM 265, 266	additional math required
Applied Computing – BS	New College of Interdisciplinary Arts & Sciences (West)	MAT 210	MAT 243, STP 300
Applied Math – BS	New College of Interdisciplinary Arts & Sciences (West)	MAT 210	MAT 243, STP 300
Bioengineering – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Chemical Engineering – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Chemistry – BA	College of Liberal Arts and Sciences (Tempe)	MAT 270	MAT 271
Chemistry – BS	College of Liberal Arts and Sciences (Tempe)	MAT 270	MAT 271, 272
Chemistry (Environmental Chemistry) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 270	MAT 271, 272
Civil Engineering – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Civil Engineering (Construction Engineering) – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Civil Engineering (Environmental Engineering) – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Computational Mathematical Sciences – BS	College of Liberal Arts and Sciences (Tempe)	MAT 270, 271, 272	additional math required
Computer Science – BS	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Computer Systems (Computer Hardware Technology) – BS	College of Technology & Innovation (Polytechnic)	APM 265, 266	additional math required
Computer Systems (Embedded Systems Technology) – BS	College of Technology & Innovation (Polytechnic)	APM 265, 266	additional math required
Computer Systems Engineering – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Earth & Space Exploration – BS	College of Liberal Arts and Sciences (Tempe)	MAT 170, 265, 266, 267	additional math required
Electrical Engineering – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Electrical Engineering (Electric Power and Energy Systems) – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Electronics Engineering Technology (Alternate Energy Technologies) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Electronics Engineering Technology (Electronic Systems) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Electronics Engineering Technology (Integrated Systems) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Electronics Engineering Technology (Telecommunications) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Engineering – BSE	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Engineering Special Studies (Premedical Engineering) – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Geography (Meteorology-Climatology) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 270, 271, 272	additional math required
Geological Sciences – BS	College of Liberal Arts and Sciences (Tempe)	MAT 170, 270	MAT 271, 272
Industrial Engineering – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Interdisciplinary Studies – BIS	School of Letters & Sciences (Downtown Phoenix, Polytechnic, Tempe, West)	MAT 142 or higher	depends on concentration
Manufacturing Engineering Technology (Manufacturing Engineering Technology) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Manufacturing Engineering Technology (Mechanical Engineering Technology) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Materials Science & Engineering – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Mathematics – BA	College of Liberal Arts and Sciences (Tempe)	MAT 270, 271, 272	additional math required
Mathematics – BS	College of Liberal Arts and Sciences (Tempe)	MAT 270, 271, 272	additional math required
Mathematics (Statistics) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 270, 271, 272	additional math required
Mechanical Engineering – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Mechanical Engineering (Computational and Mathematical Mechanics) – BSE	Ira A. Fulton School of Engineering (Tempe)	MAT 265, 266, 267	additional math required
Mechanical Engineering Technology (Aeronautical Engineering Technology) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Mechanical Engineering Technology (Automation Engineering Technology) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Mechanical Engineering Technology (Automotive Engineering Technology) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Mechanical Engineering Technology (Mechanical Engineering Technology) – BS	College of Technology and Innovation (Polytechnic)	APM 265, 266	additional math required
Physics – BS	College of Liberal Arts and Sciences (Tempe)	MAT 270	MAT 271, 272
Secondary Education (Chemistry) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 270	MAT 271, 272
Secondary Education (Earth & Space Sciences) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 210 or MAT 270	N/A
Secondary Education (Mathematics) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 270, 271, 272	additional math required
Secondary Education (Mathematics) – BAE	College of Teacher Education and Leadership (Downtown Phoenix, West)	MAT 270, 271, 272	additional math required
Secondary Education (Physics) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 270	MAT 271, 272
Sustainability – BS	School of Sustainability (Tempe)	MAT 210, 211 or MAT 170, 251 or MAT 170, 265 or MAT 270, 271	N/A

			Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No
Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
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UNI XXX: Special Topics: Career & Major Exploration	1	<input type="checkbox"/>		Grade of C	
WAC 101: Introduction to Academic Writing OR WAC 107: Introduction 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	<input type="checkbox"/>		Grade of C	
<b>Social/Behavioral Science (SB)</b> (One that is appropriate for majors of interest)	3			Grade of C	
Natural Science (SQ/SG)	4	<input type="checkbox"/>			
Second Language or Social/Behavioral Science (SB) (One that is appropriate for majors of interest)	3-4	<input type="checkbox"/>			
<b>TERM TWO: 16 30 CREDIT HOURS</b>					
UNI XXX: Special Topics: Choose a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Completed ENG 101/107/105 “C” or better</li></ul>
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
<b>Social/Behavioral Science (SB)</b> (One that is appropriate for majors of interest)	3	<input type="checkbox"/>		Grade of C	
Mathematical Studies (MA)	3	<input type="checkbox"/>			
Second Language or Humanities/Fine Arts/Design (HU)	3-4	<input type="checkbox"/>			
Elective that introduces a new discipline	3	<input type="checkbox"/>			
<b>TERM THREE: 31 45 CREDIT HOURS</b>					
UNI XXX: Special Topics: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li><li>Complete Mathematical Studies (MA)</li></ul>
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 (HU) – course that is appropriate for majors of interest	3	<input type="checkbox"/>		Grade of C	
Natural Science (SQ/SG)	4	<input type="checkbox"/>			
<b>Humanities/Fine Arts/Design (HU)</b>	3	<input type="checkbox"/>			
Second Language or Social/Behavioral Science (SB) (One that is appropriate for majors of interest)	3-4	<input type="checkbox"/>			
Computer Literacy/Statistics (CS) or Awareness Area (C, G, H)	3	<input type="checkbox"/>			

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  - 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)
- First-Year Composition

**Additional Notes:**
**SOCIAL & BEHAVIORAL SCIENCES MAJOR TRACK**

Major	Academic Programs	Math	Additional Math
Accountancy – BS	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	N/A
Aeronautical Management Technology (Air Transportation Management) – BS	College of Technology and Innovation (Polytechnic)	APM 265	NA
Aeronautical Management Technology (Professional Flight) – BS	College of Technology and Innovation (Polytechnic)	APM 265	NA
Agribusiness (Agribusiness Finance) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Agribusiness (Financial Services) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Agribusiness (Food Science) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Agribusiness (Food/Agribusiness & Consumer Product Marketing) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Agribusiness (General Agribusiness) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Agribusiness (Golf and Facilities Management) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 142	NA
Agribusiness (International Agribusiness) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Agribusiness (Management of Agribusiness) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Agribusiness (Professional Golf Management) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Agribusiness (Retail Management) – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	NA
Air Traffic Management – BS	College of Technology and Innovation (Polytechnic)	APM 265	NA
American Indian Studies – BS	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
American Studies – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Anthropology – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Applied Psychology – BS	School of Applied Arts and Sciences (Polytechnic)	MAT 119	MAT 210 or higher
Asian Languages – Chinese – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Asian Languages – Japanese – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Business – BA	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
Business (Communication, Sustainability, Tourism, Urban Policy) – BA	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
Business Administration – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	MAT 211
Business Exploratory	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	
Communication – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Communication – BS	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Communication Studies – BA	College of Human Services (West)	MAT 142 or higher	NA
Communication Studies – BS	College of Human Services (West)	MAT 142 or higher	NA
Computer Information Systems – BS	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
Criminal Justice & Criminology – BS	College of Human Services (West)	MAT 142 or higher	NA
Early Childhood Education – BAE	School of Educational Innovation and Teacher Preparation (Polytechnic)	MAT 142 or higher	NA
Early Childhood Education – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 142 or higher	NA
Early Childhood Teaching & Leadership – BAE	College of Teacher Education and Leadership (Downtown Phoenix, West)	MAT 142 or higher	NA
Economics – BS	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
Economics – BS	College of Liberal Arts and Sciences (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
Educational Studies – BA	Mary Lou Fulton College of Education (Tempe)	MAT 142 or higher	NA
Elementary Education – BAE	School of Educational Innovation and Teacher Preparation (Polytechnic)	MAT 142 or higher	NA
Elementary Education – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 142 or higher	NA

Elementary Education – BAE	College of Teacher Education and Leadership (Downtown Phoenix, West)	MAT 142 or higher	NA
Elementary Education (Bilingual Education) – BAE	College of Teacher Education and Leadership (Downtown Phoenix, West)	MAT 142 or higher	NA
Elementary Education (English as a Second Language) – BAE	College of Teacher Education and Leadership (Downtown Phoenix, West)	MAT 142 or higher	NA
Elementary Education (Indigenous Teacher Preparation) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 142 or higher	NA
Elementary Education (Multilingual/Multicultural) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 142 or higher	NA
Family & Human Development – BS	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Finance – BS	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
French – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Geography – BA	College of Liberal Arts and Sciences (Tempe)	MAT 119	NA
Geography – BS	College of Liberal Arts and Sciences (Tempe)	MAT 119	NA
Geography (Urban Studies) – BS	College of Liberal Arts and Sciences (Tempe)	MAT 119	NA
German – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Global Health – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Global Studies – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
History – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
History – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
History & Culture – BA	School of Applied Arts and Sciences (Polytechnic)	MAT 142 or higher	NA
Housing & Community Development – BSD	College of Design (Tempe)	MAT 142 or higher	NA
Interdisciplinary Studies – BIS	School of Letters and Sciences (Downtown Phoenix, Polytechnic, Tempe, West)	MAT 142 or higher	depends on concentration
International Letters and Cultures – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142	NA
Italian – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Journalism & Mass Communication – BA	Walter Cronkite School of Journalism (Downtown Phoenix)	MAT 142 or higher	NA
Justice Studies – BS	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Management – BS	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
Management (Entrepreneurship) – BS	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
Marketing – BS	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
Nonprofit Leadership & Management – BS	College of Public Programs (Downtown Phoenix)	MAT 142 or higher	NA
Operations Management Technology – BS	College of Technology and Innovation (Polytechnic)	MAT 170	NA
Parks & Recreation Management – BS	College of Public Programs (Downtown Phoenix)	MAT 142 or higher	NA
Political Science – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Political Science – BS	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Political Science – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Political Science – BS	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Psychology – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 119	NA
Psychology – BS	New College of Interdisciplinary Arts & Sciences (West)	MAT 210	NA
Psychology – BA	College of Liberal Arts and Sciences (Tempe)	MAT 119	NA
Psychology – BS	College of Liberal Arts and Sciences (Tempe)	MAT 251 or MAT 270	NA
Real Estate – BS	Morrison School of Management and Agribusiness (Polytechnic)	MAT 210	MAT 211
Recreation & Tourism Management – BS	College of Human Services (West)	MAT 142 or higher	NA
Russian – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Secondary Education (Business, Economics) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 210	MAT 211



Secondary Education (French, Geography, German, History, Japanese, Political Science, Social Studies, Spanish) – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 142 or higher	NA
Secondary Education (History, Social Studies) – BAE	College of Teacher Education and Leadership (Downtown Phoenix, West)	MAT 142 or higher	NA
Social & Behavioral Sciences (Behavioral Sciences) – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Social & Behavioral Sciences (Behavioral Sciences) – BS	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Social & Behavioral Sciences (Social Sciences) – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Social Work – BSW	College of Human Services (West)	MAT 142 or higher	NA
Social Work – BSW	College of Public Programs (Downtown Phoenix)	MAT 142 or higher	NA
Sociology – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Sociology – BS	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Sociology – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Spanish – BA	New College of Interdisciplinary Arts & Sciences (West)	MAT 142 or higher	NA
Spanish – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA
Special Education – BAE	School of Educational Innovation and Teacher Preparation (Polytechnic)	MAT 142 or higher	NA
Special Education – BAE	Mary Lou Fulton College of Education (Tempe)	MAT 142 or higher	NA
Special Education – BAE	College of Teacher Education and Leadership (Downtown Phoenix, West)	MAT 142 or higher	NA
Speech & Hearing Science – BS	College of Liberal Arts and Sciences (Tempe)	MAT 170 or higher	NA
Supply Chain Management – BS	W.P. Carey School of Business (Tempe)	MAT 210 & MAT 211 <u>or</u> MAT 270 & MAT 271	NA
Sustainability – BA	School of Sustainability (Tempe)	MAT 170	NA
Tourism Development & Management – BS	College of Public Programs (Downtown Phoenix)	MAT 142 or higher	NA
Urban & Metropolitan Studies – BA	College of Public Programs (Downtown Phoenix)	MAT 142 or higher	NA
Urban & Metropolitan Studies – BS	College of Public Programs (Downtown Phoenix)	MAT 142 or higher	NA
Women and Gender Studies – BA	College of Liberal Arts and Sciences (Tempe)	MAT 142 or higher	NA