








2011 - 2012 Major Map American Studies, BA

New College of Interdisciplinary Arts and Sciences

Campus: ~~West~~ **WUE**
ASAMSBA

Term 1 0 - 17 Credit Hours	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. • ASU Math Placement Exam score determines placement in Mathematics course. • ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Social and Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	17		
Term 2 18 - 33 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG OR AMS OR HST Elective	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Social and Behavioral Sciences (SB)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		
Term 3 34 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
 Complete Mathematics (MA) requirement.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	15		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG OR AMS OR HST Elective	3	C	
AMS 301: Introduction to American Studies (L)	3	C	
Global Awareness (G)	3		
Upper Division Focus Area	3	C	
Elective	3		
Term hours subtotal:	15		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
Focus Area	3	C	
Upper Division Elective	3		

Upper Division Language and Cultures AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C
AMS 330: Documenting American Lives (HU & C)	3	C
AMS 310: History of American Systems to 1865 (H) OR AMS 320: American Cultural History I (SB & H)	3	C
Term hours subtotal:	15	

- If AMS 310 is chosen, then AMS 311 will be taken in a subsequent semester to complete the set.
- If AMS 320 is chosen, then AMS 321 will be taken in a subsequent semester to complete the set.

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
AMS 311: History of American Systems Since 1865 (H) OR AMS 321: American Cultural History II (H)	3	C	<ul style="list-style-type: none"> • If AMS 310 was completed in a previous term, AMS 311 will be taken to complete the set. • If AMS 320 was completed in a previous term, AMS 321 will be taken to complete the set.
Upper Division Focus Area	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area	3	C	
Upper Division Elective	6		
Upper Division Language and Cultures AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area	3	C	
HST 484: Internship OR HST 498: Pro-Seminar OR HST 499: Individualized Instruction	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

Focus Area	Focus Area Upper division
ENG Lower Division Elective	ENG Upper Division Elective
HIS Lower Division Elective	HIS Upper Division Elective
HST Lower Division Elective	HST Upper Division Elective
AMS Lower Division Elective	AMS Upper Division Elective
JMC Lower Division Elective	JMC Upper Division Elective

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
 - No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

			Completed Transfer Pathway: <input type="checkbox"/> MAPP <input type="checkbox"/> TAG <input type="checkbox"/> ATP <input type="checkbox"/> None		Completed General Education: <input type="checkbox"/> AGECE <input type="checkbox"/> IGETC/CSUGE <input type="checkbox"/> None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none">ASU 101 is for ASU freshman students only. Not required of transfer studentsAn SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition coursesASU Math Placement Exam score determines placement in Mathematics course	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
ACO 101 (CS): Intro to Computer Science	3	<input type="checkbox"/>		Grade of C		
Historical Awareness (H)	3	<input type="checkbox"/>				
General Elective or MAT 117 (MA) or MAT 170 if needed	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
TERM TWO: 16-30 CREDIT HOURS						
ACO 102 (CS): Principles of Computer Science	3	<input type="checkbox"/>		Grade of C		
MAT 210 (MA): Brief Calculus or MAT270 Calculus& Analytical Geometry 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"/>				
Global Awareness (G)	3	<input type="checkbox"/>				
Science Quantitative: (SQ)	4	<input type="checkbox"/>				
TERM THREE: 31-45 CREDIT HOURS						
ACO 201 (CS): Data Structures and Algorithms	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">Complete First-Year Composition requirementComplete Mathematics (MA) requirement	
MAT 243: Discrete Mathematical Structures	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"/>				
TERM FOUR: 46-60 CREDIT HOURS						
ACO 210 (CS): Introduction to Systems Programming	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">Students must choose one of the following concentrations by the end of the forth semester: Database Systems, Digital Media & Graphic Design, or Network and Distributed Processing.	
ACO 220 (CS): Introduction to Database Systems	3	<input type="checkbox"/>		Grade of C		
STP326: Intermediate Probability	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:

2011 - 2012 Major Map Applied Mathematics, BS

New College of Interdisciplinary Arts and Sciences

Campus: ~~West~~ **WUE**
ASMATBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACO 101: Introduction to Computer Science (CS)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACO 102: Principles of Computer Science (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
Social and Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		
Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 300: Mathematical Structures (L)	3	C	
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	
Natural Science - Quantitative (SQ)	4		
Humanities, Fine Arts and Design (HU)	3		
Social and Behavioral Sciences (SB)	3		
 Complete First-Year Composition requirement.			
Term hours subtotal:	17		
Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 275: Modern Differential Equations (MA)	3	C	
MAT 343: Applied Linear Algebra	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		
Term 5 64 - 75 Credit Hours	Hours	Minimum Grade	Notes
MAT 371: Advanced Calculus I	3	C	
MAT 421: Applied Computational Methods (CS)	3	C	
STP 421: Probability	3	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	

Term hours subtotal: 12

Term 6 76 - 93 Credit Hours	Hours	Minimum Grade	Notes
STP 420: Introductory Applied Statistics (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	6	C	
Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Historical Awareness (H) OR Upper Division Global Awareness (G)	3		
Upper Division Elective	3		
Term hours subtotal:	18		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Capstone Course	3	C	
Upper Division Applied Math Elective	3	C	
Cultural Diversity in the U.S. (C) OR Historical Awareness (H) OR Global Awareness (G)	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Capstone Course	3	C	
Upper Division Applied Math Elective	3	C	
Cultural Diversity in the U.S. (C) OR Historical Awareness (H) OR Global Awareness (G)	3		
Upper Division Elective	3		
Term hours subtotal:	12		

Applied Math Elective

MAT 419: Introduction to Linear Optimization (CS)

MAT 450: Mathematical Models in Biology

MAT 452: Introduction to Chaos and Nonlinear Dynamics

MAT 462: Applied Partial Differential Equations

Notes:

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 - completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;
 - completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the university requirement;
 - completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120
Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Awareness Requirements:

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

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)

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

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

Bachelor of Applied Science
Catalog Year: 2011-2012

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) <i>Bridge, Management & Communication Skills</i>		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
			<i>May be shared with other requirements in general studies</i>	
2) <i>Quantitative Skills</i>		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) <i>Aesthetics/Creativity</i>		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)			18-21 hours	
THE 400 Focus on Film			All courses must be 300/400 level	
MUS 347 Jazz in America (HU, C)			A) ASU West Minor. Must be constructed in consultation with program or faculty advisor. <i>Minor requirements are guidelines only.</i>	
MUS 349 Music in America (HU, H)			OR	
MUS 354 Popular Music (HU)			B) Individualized Concentration. Must be constructed in consultation with program or faculty advisor.	
4) <i>Ethics</i> - 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) <i>Exit Project</i> - 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, History, Interdisciplinary Arts & Performance, Interdisciplinary Organizational Studies, Life Sciences, Mathematics, Philosophy, Political Science, Psychology, Public Relations & Strategic Communication, Religious Studies, Social & Behavioral Sciences, Socio-cultural Anthropology, Sociology, Spanish, and Women's Studies.* See catalog for more information. * Must be met by the 24th hour or student will be blocked from registering.

2011 - 2012 Major Map Communication, BA

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASCOMBBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Social and Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ)	4		
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 207: Introduction to Communication Inquiry	3	C	
Historical Awareness (H)	3		
Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes

COM 308: Advanced Research Methods in Communication (L)	3	C
Complete 2 courses: COM Upper Division Elective	6	C
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C
Elective	3	
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	
COM 4** Elective	3	C	
Complete 2 courses: COM Upper Division Elective	6	C	
Upper Division Social and Behavioral Sciences (SB) OR Upper Division Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: COM 4** Elective	6	C	
Upper Division Elective	3		
Upper Division Language & Cultures (see notes) OR Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: COM 4** Elective	6	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Notes:

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

General University Requirements Legend

General Studies Core Requirements:

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

General Studies Awareness Requirements:

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












First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map English, BA

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASENGBA

Term 1 0 - 14 Credit Hours	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR  ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
MAT 142: College Mathematics (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR  ENG 107 or ENG 108: English for Foreign Students	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social and Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		
Term 3 31 - 45 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
 ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	
ENG Elective	3	C	
Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Literature and Culture before 1860 Course	3	C	
Term hours subtotal:	15		
Term 4 46 - 60 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
 ENG Elective	3	C	
Literature and Culture after 1860 Course	3	C	
ENG Upper Division Elective AND Upper Division Humanities, Fine Arts and Design (HU)	3	C	
Global Awareness (G)	3		
Elective AND Historical Awareness (H)	3		
Term hours subtotal:	15		
Term 5 61 - 75 Credit Hours	Hours	Minimum Grade	Notes
Literary Theory and Interdisciplinary Studies Course	3	C	
ENG Upper Division Elective AND Upper Division Humanities, Fine Arts and Design (HU)	3	C	

ENG Upper Division Elective AND Upper Division Literacy and Critical Inquiry (L)	3	C
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C
Upper Division Elective	3	
Term hours subtotal:	15	

Term 6 76 - 90 Credit Hours	Hours	Minimum Grade	Notes
Ethnicity, Gender and Postcolonality Course	3	C	
ENG Upper Division Elective AND Upper Division Humanities, Fine Arts and Design (HU)	3	C	
Upper Division Elective	3		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
Rhetoric, Writing and Linguistics Course	3	C	
ENG Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 3 courses: ENG Upper Division Elective	9	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Literature and Culture before 1860	Literature and Culture after 1860	Ethnicity, Gender and Postcolonality
ENG 201: World Literature (HU & H & G)	ENG 204: Introduction to Contemporary Literature (HU)	ENG 201: World Literature (HU & H & G)
ENG 202: World Literature (HU & H)	ENG 222: Survey of English Literature (HU & H)	ENG 202: World Literature (HU & H)
ENG 221: Survey of English Literature (HU)	ENG 242: Literatures of the United States, 1860 to Present (HU)	ENG 317: Cross-Cultural Writing ((L or HU) & G)
ENG 241: Literatures of the United States to 1860 (HU)	ENG 329: 19th-Century British Fiction (L or HU)	ENG 333: American Ethnic Literature ((L or HU) & C)
ENG 303: Classical Backgrounds of English Literature (HU)	ENG 330: 19th-Century British Poetry, Victorian Poetry	ENG 334: The American Southwest in Literature and Film. ((L or HU) & C)
ENG 305: Classical and Biblical Backgrounds to Literature	ENG 342: 20th-Century British and Irish Literature (HU)	ENG 359: American Indian Literature ((L or HU) & C)
ENG 315: Medieval Literature in Translation, Sin and Sinners in Western Culture	ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)	ENG 364: Women and Literature (HU)
ENG 321: Shakespeare (L or HU)	ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)	ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
ENG 328: The Novel to Jane Austen (HU & H)	ENG 359: American Indian Literature ((L or HU) & C)	ENG 420: Multicultural Autobiographies ((L or HU) & C)
ENG 356: The Bible as Literature (HU)	ENG 386: American Gothic	ENG 454: Gender and Literature (L or HU)
ENG 416: Chaucer in Middle English, The Canterbury Tales, Troilus and Criseyde		ENG 455: Contemporary Women Writers
ENG 418: Renaissance Literature (L or HU)		ENG 460: Ethnic Women Writers
ENG 421: Studies in Shakespeare, Shakespeare		ENG 462: Africana Literature (HU & G)
ENG 423: Renaissance Drama, Revenge Tragedies		ENG 463: African American Literature

ENG 424: Milton (HU)	ENG 477: World Literature (L or HU) & G)
Rhetoric, Writing and Linguistics	Literary Theory and Interdisciplinary Studies
ENG 210: Introduction to Creative Writing, Literature, Mixed Genre, Playwriting	ENG 230: Introduction to Film Studies (L or HU)
ENG 213: Introduction to the Study of Language	ENG 244: Introduction to Researching Family History
ENG 214: English Grammar and Usage	ENG 245: American Idols: Empowerment and Social Change, Popular Culture Issues, Pulp Fiction
ENG 215: Strategies of Academic Writing (L)	ENG 334: The American Southwest in Literature and Film. ((L or HU) & C)
ENG 216: Persuasive Writing on Public Issues (L)	ENG 400: History of Literary Criticism, Plato to the Present
ENG 217: Writing Reflective Essays (L)	ENG 490: Literary Forms: Theory and Practice in Poetry
ENG 218: Writing About Literature (L or HU)	ENG 491: Literary Forms: Theory and Practice in Fiction
ENG 219: Newspaper Production (L)	
ENG 243: Introduction to Writing Family History (L)	
ENG 287: Beginning Creative Writing Workshop in Poetry	
ENG 288: Beginning Creative Writing Workshop in Fiction	
ENG 301: Writing for the Professions (L)	
ENG 302: Business Writing (L)	
ENG 307: Writing Science Fiction	
ENG 310: Intermediate Creative Writing, Mixed Genre, Playwriting, Screenwriters	
ENG 311: Persuasive Writing (L)	
ENG 312: English in its Social Setting (L or HU or SB)	
ENG 313: Phonology and Morphology	
ENG 314: Modern Grammar	
ENG 317: Cross-Cultural Writing ((L or HU) & G)	
ENG 323: Rhetoric and Grammar (L)	
ENG 368: Art of the Personal Essay (L)	
ENG 374: Technical Editing	
ENG 412: Creative Nonfiction	
ENG 413: History of English Language (HU)	
ENG 420: Multicultural Autobiographies ((L or HU) & C)	
ENG 472: Rhetorical Studies (L)	

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
 - No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)









First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Communication, BS

New College of Interdisciplinary Arts and Sciences

Campus: ~~West~~ **WUE**
ASCOMBBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Social and Behavioral Sciences (SB)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	
PSY 230: Introduction to Statistics (CS) OR QBA 221: Statistical Analysis (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 207: Introduction to Communication Inquiry	3	C	
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		
Minimum			

Term 5 64 - 78 Credit Hours	Hours	Grade	Notes
COM 308: Advanced Research Methods in Communication (L)	3	C	
Complete 2 courses: COM Upper Division Elective	6	C	
CRJ 303: Statistical Analysis (CS) OR POS 401: Political Statistics (CS) OR PSY 330: Statistical Methods (CS) OR SBS 304: Social Statistics I (CS) OR SBS 404: Social Statistics II: Multivariate Analysis (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	15		
Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	
COM 4** Elective	3	C	
Complete 2 courses: COM Upper Division Elective	6	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	15		
Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: COM 4** Elective	6	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		
Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: COM 4** Elective	6	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic advisors regarding language requirements in their intended areas of study.
Language and Cultures: This requirement may be satisfied through one of the following:
 - completion of secondary education at a school in which the language of instruction is not English;
 - completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;
 - completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the university requirement;
 - completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend
 General Studies Core Requirements:
 • Literacy and Critical Inquiry (L)

General Studies Awareness Requirements:
 • Cultural Diversity in the U.S. (C)
 • Global Awareness (G)
 • Historical Awareness (H)

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

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




















First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.


2011 - 2012 Major Map Ethnicity, Race, First Nations Studies, BA

New College of Interdisciplinary Arts and Sciences

Campus: West
ASETHBA

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR  ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
MAT 142: College Mathematics (MA)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Social and Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR  ENG 107 or ENG 108: English for Foreign Students	3	C	
 ETH 100: Introduction to Ethnic Studies (SB & C)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Humanities, Fine Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Upper Division Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ETH 300: Principles of Ethnic Studies (C) OR  ETH 310: Research Methods in Ethnic, Racial, and First Nations Populations (SB) OR  ENG 317: Cross-Cultural Writing ((L or HU) & G)	3	C	
Cluster Course	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Upper Division Elective	3		
Term hours subtotal:	15		
Term 5 64 - 78 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ETH 300: Principles of Ethnic Studies (C) OR  ETH 310: Research Methods in Ethnic, Racial, and First Nations Populations (SB) OR  ENG 317: Cross-Cultural Writing ((L or HU) & G)	3	C	
Career Course (see Advisor)	3	C	

Cluster Course	3	C
Upper Division Elective	3	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ETH 300: Principles of Ethnic Studies (C) OR ETH 310: Research Methods in Ethnic, Racial, and First Nations Populations (SB) OR ENG 317: Cross-Cultural Writing ((L or HU) & G)	3	C	
Career Course (see Advisor)	3	C	
Cluster Course	3	C	
Upper Division Cluster Course	3	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Career Course (see Advisor)	3	C	
Cluster Course	3	C	
Upper Division Cluster Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
ETH 484: Internship	3	C	
Complete 2 courses: Upper Division Cluster Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

Community & Policy Matters Cluster List	Transnational Matters Cluster List	Literacy Matters Cluster List
AMS 327: Regional Cultures	ASB 340: Migration and Culture (SB & G)	ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
AMS 428: Chicano Cultures in the Southwest (SB)	ASB 440: Women in the Global Factory (SB & G)	ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
ASB 442: Urban Anthropology (SB)	HIS 454: History of Genocide (G & H)	ENG 359: American Indian Literature ((L or HU) & C)
HST 331: Mexican American History to 1900 (SB & H & C)	POL 430: Race and Politics in the Americas (SB)	ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
HST 337: American Indian History to 1900 ((HU or SB) & C & H)	SOC 324: Work and the Workplace (SB & H)	ENG 460: Ethnic Women Writers
IAS 407: Environmental Philosophy and Policy (L or HU)	WST 390: Women and Religions (HU & G)	ENG 462: Africana Literature (HU & G)
PHI 407: Environmental Philosophy and Policy (L or HU)	WST 475: Women of the Diaspora across Cultures (HU)	ENG 463: African American Literature
POL 320: Latino Politics (SB & C)		IAP 464: Media and Diversity
SOC 270: Racial and Ethnic Relations (SB & C)		WST 467: Ethnic Women Writers (HU & C)
SOC 370: Production, People, and Environments (SB)		
WST 300: Women and Gender in Contemporary Society (SB & C)		
WST 398: Gender, Race and Class		
Identity Matters Cluster List		

AMS 330: Documenting American Lives (HU & C)

ENG 420: Multicultural Autobiographies ((L or HU) & C)

ENG 476: Oral Traditions

ETH 100: Introduction to Ethnic Studies (SB & C)

IAS 220: Psychology, Multicultural Narratives, and Religion ((L or HU) & C)

IAS 420: Multicultural Autobiographies ((L or HU) & C)

SBS 301: Cultural Diversity ((L or SB) & C)

SBS 410: Topics in Identity/Difference

WST 370: Chronicling Women's Lives (HU & C)

WST 473: Latina/Chicana Representation (SB & C)

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
 - No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic advisors regarding language requirements in their intended areas of study.
- Language and Cultures: This requirement may be satisfied through one of the following:
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 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map History, BA

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASHISBA

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
<div> <div></div> HST 100: Global History to 1500 (HU & H & G) OR HST 102: Western Civilization (SB & H) OR HST 109: United States to 1865 (HU or SB) & H) OR HST 313: American Cultural History to 1865 (SB & H) </div>	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
<div> ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students </div>	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours	Hours	Minimum Grade	Notes
<div> <div></div> HST 101: Global History Since 1500 (HU & H & G) OR HST 102: Western Civilization (SB & H) OR HST 110: United States Since 1865 (SB & H) OR HST 314: American Cultural History Since 1865 ((HU or SB) & H) </div>	3	C	
<div> ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students </div>	3	C	
<div> Natural Science - General (SG) OR Natural Science - Quantitative (SQ) </div>	4		
Humanities, Fine Arts and Design (HU)	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by <div></div>	Hours	Minimum Grade	Notes
<div> <div></div> HST Elective </div>	3		
Cultural Diversity in the U.S. (C)	3		
Social and Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
<div> <div></div> Complete First-Year Composition requirement. </div>			
<div> <div></div> Complete Mathematics (MA) requirement. </div>			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G)	3		
<div> HST 300: Historical Inquiry AND Upper Division Literacy and Critical Inquiry (L) OR Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB) AND Upper Division Historical Awareness (H) </div>	3	C	
Non-US Non-European	3	C	
<div> Complete 2 courses: Upper Division Elective </div>	6		
Term hours subtotal:	15		

Minimum

Term 5 64 - 78 Credit Hours	Hours	Grade	Notes
Non-US Non-European	3	C	
Related Area Course	3	C	
<i>Complete 2 courses:</i> Upper Division Elective	6		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	15		

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i> HST Upper Division Elective	6	C	
Related Area Course	3	C	
Elective	3		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
HST Upper Division Elective	3	C	
<i>Complete 2 courses:</i> Upper Division Related Area Course	6	C	
<i>Complete 2 courses:</i> Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
HST 498: Pro-Seminar AND Upper Division Literacy and Critical Inquiry (L)	3	C	
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

Related Area Courses
AMS Elective
ENG Elective
ETH Upper Division Elective
HIS OR HST Elective
REL Elective
SPA Upper Division Elective
PHI Elective

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic advisors regarding language requirements in their intended areas of study.
Language and Cultures: This requirement may be satisfied through one of the following:
 - completion of secondary education at a school in which the language of instruction is not English;
 - completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;
 - completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the university requirement;
 - completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)




First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Integrative Studies, BA

New College of Interdisciplinary Arts and Sciences

Campus: ~~West~~ **WUE**
ASIASBA

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or college specific equivalent First Year Seminar required of all freshman students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Historical Awareness (H)	3		
Humanities, Fine Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		
Term 3 33 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3	C	
Social and Behavioral Sciences (SB)	3		
Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 48 - 63 Credit Hours	Hours	Minimum Grade	Notes
IAS 300: Adult Career Development (L or SB)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Global Awareness (G)	3		
Elective	3		
Upper Division Elective	3		
Term hours subtotal:	16		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
Social and Behavioral Sciences (SB)	3		
Upper Division Ethical Reflection Course	3	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Elective	6		

Term hours subtotal: 15

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Diverse Identities Course	3	C	
Upper Division Area of Concentration Course	6	C	
Upper Division Elective	3		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Scientific and Mathematical Perspectives Course	3	C	
AMS OR ENG OR ETH OR HST OR IAP OR IAS OR PHI OR REL OR SPA OR WST Upper Division Elective	3	C	
Upper Division Elective	3		
Upper Division Area of Concentration Course	6	C	
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
HON 493: Honors Thesis (L) OR IAS 484: Internship OR IAS 493: Honors Thesis (L) OR IAS 499: Individualized Instruction	3	C	
Upper Division Secular and Sacred Worldviews Course	3	C	
Area of Concentration Course	6	C	
Term hours subtotal:	12		

Ethical Reflection Course List	Scientific and Mathematical Perspectives Course List	Secular and Sacred Worldviews Course List
IAS 406: Moral Dilemmas (L or HU)	BIO 301: Field Natural History (SG)	IAS 430: Science and Religion (L or HU)
IAS 408: Feminist Ethics (HU)	IAS 340: Bioethics (HU)	PHI 318: Philosophy of Religion (HU)
IAS 409: Eco-Community Ethics (HU)	IAS 407: Environmental Philosophy and Policy (L or HU)	REL 300: Research, Writing, and Thinking in Religion and Applied Ethics (L or HU)
PHI 306: Applied Ethics (HU)	IAS 410: Evolution of Ideas (L or HU)	REL 305: Ritual, Symbol, and Myth (L or HU)
PHI 324: Existential Ethics (HU)	IAS 411: History and Philosophy of Mathematics (HU & H)	REL 310: Western Religious Traditions (HU & H)
PHI 360: Business and Professional Ethics (HU)	IAS 415: Life in the Universe	REL 320: American Religious Traditions (HU & C & H)
PHI 406: Moral Dilemmas (L or HU)	IAS 416: Black Holes and Beyond	REL 321: Religion in America (HU & C & H)
PHI 408: Feminist Ethics (HU)	LSC 301: Life Sciences: History and Method (SG)	REL 345: Asian Religious Traditions (HU & G)
PHI 409: Eco-Community Ethics (HU)	LSC 361: Human Sexual Biology	REL 381: Religion and Moral Issues (L or HU)
	LSC 362: The Human Environment	REL 390: Women and Religion (HU & G)
	MAT 411: History and Philosophy of Mathematics (HU & H)	REL 401: Sacred Scriptures and Social Choices (HU & G)
	PHI 340: Bioethics (HU)	REL 420: Religion in American Life and Thought (HU)
	PHI 407: Environmental Philosophy and Policy (L or HU)	
	SBS 304: Social Statistics I (CS)	
Diverse Identities Course List		
AMS 330: Documenting American Lives (HU & C)		
ENG 317: Cross-Cultural Writing ((L or HU) & G)		

ENG 420: Multicultural Autobiographies ((L or HU) & C)

ENG 477: World Literature ((L or HU) & G)

ETH 300: Principles of Ethnic Studies (C)

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

HST 415: Unequal Sisters/Women-Pol/Cult ((L or SB) & H & C)

IAS 305: Work and Identity (SB)

IAS 420: Multicultural Autobiographies ((L or HU) & C)

IAS 477: World Literature ((L or HU) & G)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 376: Feminist Theory (H & C)

WST 380: Race, Gender and Class (SB & C)

WST 430: Gender on the Borderlands (SB & G)

WST 467: Ethnic Women Writers (HU & C)

WST 473: Latina/Chicana Representation (SB & C)

WST 483: Women Writers Across Cultures (HU & G)

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)





First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Interdisciplinary Arts & Performance, BA

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASIAPBA

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
IAP 101: Art, Artist, and Culture (HU) OR IAP 102: Foundations I: Performance Techniques and Composition OR IAP 103: Foundations I: Interdisciplinary Digital Media OR IAP 104: Foundations I: Fundamentals of Sound Art OR IAP 105: Foundations I: Fundamentals of Interdisciplinary Art OR IAP 294: Special Topics	3	C	
MAT 142: College Mathematics (MA)	3	C	
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 17 - 31 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
IAP 101: Art, Artist, and Culture (HU) OR IAP 102: Foundations I: Performance Techniques and Composition OR IAP 103: Foundations I: Interdisciplinary Digital Media OR IAP 104: Foundations I: Fundamentals of Sound Art OR IAP 105: Foundations I: Fundamentals of Interdisciplinary Art OR IAP 294: Special Topics	3	C	
Natural Science - Quantitative (SQ)	3		
Social and Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		
Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance	3	C	
Complete 2 courses: IAP 101: Art, Artist, and Culture (HU) OR IAP 102: Foundations I: Performance Techniques and Composition OR IAP 103: Foundations I: Interdisciplinary Digital Media OR IAP 104: Foundations I: Fundamentals of Sound Art OR IAP 105: Foundations I: Fundamentals of Interdisciplinary Art OR IAP 294: Special Topics	6	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 48 - 62 Credit Hours	Hours	Minimum Grade	Notes
IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)	3	C	
IAP 325: Sound Performance: Exploring Alternative Performance Groups	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Fine Arts and Design (HU)	3		

Global Awareness (G)	3
Term hours subtotal:	15

Term 5 63 - 77 Credit Hours	Hours	Minimum Grade	Notes
IAP 334: Conceptual Development in the Arts	3	C	
IAP 354: Visual Representation	3	C	
IAP Upper Division Elective	3	C	
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 92 Credit Hours	Hours	Minimum Grade	Notes
IAP 361: Digital Editing and Media Literacy (CS)	3	C	
Complete 2 courses: IAP Upper Division Elective	6	C	
Elective	3		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	15		

Term 7 93 - 107 Credit Hours	Hours	Minimum Grade	Notes
IAP 394: Performance	3	C	
IAP Upper Division Elective	3	C	
Upper Division Social and Behavioral Sciences (SB) OR Upper Division Humanities, Fine Arts and Design (HU)	3		
Social and Behavioral Sciences (SB)	3		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	15		

Term 8 108 - 122 Credit Hours	Hours	Minimum Grade	Notes
IAP 480: Senior Project	3	C	
IAP Upper Division Elective	3	C	
Elective	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
 - No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 122

General University Requirements Legend

General Studies Awareness Requirements:

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

General Studies Core Requirements:

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

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










First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Life Sciences, BS

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASLSCBS

Term 1 0 - 14 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:  BIO 181: General Biology I (SQ) OR  BIO 182: General Biology II (SG) OR CHM 113: General Chemistry I (SQ) OR CHM 116: General Chemistry II (SQ)	7-8	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA)	3-4	C	
Term hours subtotal:	14-16		
Term 2 15 - 31 Credit Hours	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ) OR  BIO 182: General Biology II (SG) OR CHM 113: General Chemistry I (SQ) OR CHM 116: General Chemistry II (SQ)	7-8	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	17-18		
Term 3 32 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Social and Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
 Complete BIO 181, BIO 182 course(s).			
 Complete CHM 113, CHM 116 course(s).			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
Term 4 46 - 59 Credit Hours	Hours	Minimum Grade	Notes
 BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory OR BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Social and Behavioral Sciences (SB)	3		

Upper Division Elective	3
Term hours subtotal:	14

Term 5 60 - 74 Credit Hours	Hours	Minimum Grade	Notes
BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory OR BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 88 Credit Hours	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
Upper Division Distribution Course	4		
LSC Upper Division Elective	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	14		

Term 7 89 - 104 Credit Hours	Hours	Minimum Grade	Notes
BIO 415: Biometry (CS) OR STP 226: Elements of Statistics (CS)	3-4	C	
Upper Division Distribution Course	4		
Global Awareness (G) Historical Awareness (H) Cultural Diversity in the U.S. (C) Elective	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
LSC Upper Division Elective	3		
Term hours subtotal:	16-17		

Term 8 105 - 120 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G) OR Historical Awareness (H) OR Cultural Diversity in the U.S. (C)	3		
Upper Division Distribution Course	4		
LSC Upper Division Elective	3		
Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) Global Awareness (G)	6	C	
Term hours subtotal:	16		

Integrative Systems Ecology Distribution Course List	Organismal Biology Distribution Course List	Cellular, Molecular and Physiological Biology Distribution Course List
BIO 345: Organic Evolution	BIO 331: Animal Behavior	BCH 361: Principles of Biochemistry
BIO 474: Herpetology	BIO 370: Vertebrate Zoology	BCH 367: Elementary Biochemistry Laboratory
BIO 362: The Human Environment	BIO 385: Comparative Invertebrate Zoology	LSC 359: Animal Physiology Laboratory
PLB 300: Comparative Plant Diversity (L or SG)	MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory	LSC 432: Fundamentals of Pharmacology
	PLB 310: The Flora of Arizona	BIO 443: Applied Molecular Genetics and Genomics
		LSC 394: Plant Physiology
		LSC 394: Animal Physiology Lecture

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)









First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Life Sciences (Environmental Science), BS

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASLSCEBS

Term 1 0 - 15 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:  BIO 181: General Biology I (SQ) OR  BIO 182: General Biology II (SG) OR CHM 113: General Chemistry I (SQ) OR CHM 116: General Chemistry II (SQ)	8	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA)	3	C	
Term hours subtotal:	15		
Term 2 16 - 32 Credit Hours	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ) OR  BIO 182: General Biology II (SG) OR CHM 113: General Chemistry I (SQ) OR CHM 116: General Chemistry II (SQ)	8	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA)	3	C	
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	17		
Term 3 33 - 47 Credit Hours	Hours	Minimum Grade	Notes
BIO 130: Introduction to Environmental Science (SQ)	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	
Social and Behavioral Sciences (SB)	3		
 Complete BIO 181, BIO 182 course(s).			
 Complete CHM 113, CHM 116 course(s).			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 48 - 61 Credit Hours	Hours	Minimum Grade	Notes
 BIO 320: Fundamentals of Ecology AND  BIO 353: Cell Biology OR BIO 354: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Social and Behavioral Sciences (SB)	3		

Literacy and Critical Inquiry (L)	3
Term hours subtotal:	14

Term 5 62 - 78 Credit Hours	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
CHM 302: Environmental Chemistry	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4		
Language & Cultures (see notes) AND Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G)	6	C	
Term hours subtotal:	17		

Term 6 79 - 91 Credit Hours	Hours	Minimum Grade	Notes
BIO 320: Fundamentals of Ecology AND BIO 353: Cell Biology OR BIO 354: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	3	C	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
Upper Division Distribution Course	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	13		

Term 7 92 - 107 Credit Hours	Hours	Minimum Grade	Notes
PHI 407: Environmental Philosophy and Policy (L or HU)	3	C	
BIO 415: Biometry (CS) OR Computer/Statistics/Quantitative Applications (CS)	3-4	C	
Upper Division Distribution Course	4		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
LSC Upper Division Elective	3		
Term hours subtotal:	16-17		

Term 8 108 - 120 Credit Hours	Hours	Minimum Grade	Notes
PHI 409: Eco-Community Ethics (HU)	3	C	
LSC 362: The Human Environment OR ENV 234: Environmental Disasters	3	C	
Global Awareness (G) OR Historical Awareness (H) OR Cultural Diversity in the U.S. (C)	3		
Upper Division Distribution Course	4		
Term hours subtotal:	13		

Integrative Systems Ecology Distribution Course List	Organismal Biology Distribution Course List	Cellular, Molecular and Physiological Biology Distribution Course List
BIO 345: Organic Evolution	BIO 331: Animal Behavior	BCH 361: Principles of Biochemistry
BIO 474: Herpetology	LSC 444: The Microbial Universe	BCH 367: Elementary Biochemistry Laboratory
BIO 362: The Human Environment	LSC 445: The Microbial Universe Laboratory	LSC 359: Animal Physiology Laboratory
PLB 300: Comparative Plant Diversity (L or SG)	MIC 444: The Microbial Universe Laboratory	LSC 432: Fundamentals of Pharmacology
	BIO 370: Vertebrate Zoology	LSC 443: Applied Molecular Genetics and Genomics
	BIO 385: Comparative Invertebrate Zoology	LSC 301: Biology Behind the Crime Scene (SG)
	PLB 310: The Flora of Arizona	LSC 358: Animal Physiology Lecture

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)















First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Life Sciences (Forensics), BS

New College of Interdisciplinary Arts and Sciences

Campus: West
ASLSCFBS

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 CHM 113: General Chemistry I (SQ)	4	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PGS 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	15		
Term 2 16 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	
 CHM 116: General Chemistry II (SQ)	4	C	
COM 225: Public Speaking (L) OR COM 222: Argumentation (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Term hours subtotal:	14		
Term 3 30 - 43 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	
 CHM 237: General Organic Chemistry Laboratory I	1	C	
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
MAT 210: Brief Calculus (MA)	3	C	
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
Term 4 44 - 58 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 234: General Organic Chemistry II	3	C	
 CHM 238: General Organic Chemistry Laboratory II	1	C	
BIO 305: Biology Behind the Crime Scene (SG)	4	C	
BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	
STP 226: Elements of Statistics (CS)	3	C	
Term hours subtotal:	15		
Term 5 59 - 73 Credit Hours	Hours	Minimum Grade	Notes
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	

LSC 394: Modern Concepts in Biochemisrty	3	C
LSC 394: Modern Concepts in Biochemistry Laboratory	1	C
BIO 393: Careers in Natural and Health Sciences	1	Y
Historical Awareness (H)	3	
Lower Division Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3	
Term hours subtotal:	15	

Term 6 74 - 89 Credit Hours	Hours	Minimum Grade	Notes
CHM 327: Instrumental Analysis	3	C	
CHM 328: Instrumental Analysis Laboratory	2	C	
PHY 112: General Physics (SQ)	3	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C	
PGS 468: Psychology and Law OR Upper Division Social and Behavioral Sciences (SB)	3	C	
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours	Hours	Minimum Grade	Notes
CHM 302: Environmental Chemistry	3	C	
MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory	4	C	
CRJ 410: Procedural Criminal Law	3	C	
ENG 301: Writing for the Professions (L) OR ENG 311: Persuasive Writing (L) OR PHI 406: Moral Dilemmas (L or HU)	3	C	
Upper Division Global Awareness (G) OR Upper Division Cultural Diversity in the U.S. (C)	3	C	
Term hours subtotal:	16		

Term 8 106 - 122 Credit Hours	Hours	Minimum Grade	Notes
LSC 430: Environmental and Human Toxicology	4	C	
LSC 494: Comparative Forensics	3	C	
LSC 499: Individualized Instruction	3	C	
PLB 300: Comparative Plant Diversity (L or SG)	4	C	
Upper Division Global Awareness (G) OR Upper Division Cultural Diversity in the U.S. (C)	3	C	
Term hours subtotal:	17		

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
 - No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic advisors regarding language requirements in their intended areas of study.
- Language and Cultures: This requirement may be satisfied through one of the following:
- completion of secondary education at a school in which the language of instruction is not English;
 - completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;
 - completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the university requirement;
 - completion of two sequential semesters of coursework in a current computer language.

Total Hours: 122
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

General Studies Awareness Requirements:

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

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

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









First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Political Science, BA

New College of Interdisciplinary Arts and Sciences

Campus: ~~West~~ **WUE**
ASPOLBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: Government and Politics (SB) OR POS 310: American National Government (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Complete critical courses by the end of term 4
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Related Area Course	3	C	
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Related Area Course	3	C	
Humanities, Fine Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 210: Political Ideologies (SB)	3	C	
Related Area Course	3	C	
Humanities, Fine Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Historical Awareness (H)	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes

POS 301: Empirical Political Inquiry (SB) OR SBS 303: Quantitative Methods	3	C
POS Upper Division Elective	3	C
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C
Upper Division Elective	6	
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: POS Upper Division Elective	6	C	
Related Area Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
POS Upper Division Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: POS Upper Division Elective	6	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Elective	3		
Term hours subtotal:	12		

Related Area Courses
ASB Elective
COM Elective
CRJ Elective
ECN Elective
GCU Elective
HST Elective
PGS Elective
POS Elective
SBS Elective
SOC Elective
WST Elective

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
 - No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic advisors regarding language requirements in their intended areas of study.
- Language and Cultures: This requirement may be satisfied through one of the following:
- completion of secondary education at a school in which the language of instruction is not English;
 - completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;
 - completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;

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 requirement;
5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)









First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Political Science, BS

New College of Interdisciplinary Arts and Sciences

Campus: ~~West~~ **WUE**
ASPOLBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: Government and Politics (SB) OR POS 310: American National Government (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Complete critical courses by the end of term 4
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Related Area Course	3	C	
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Humanities, Fine Arts and Design (HU)	3		
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G)	3	C	
Related Area Course	3	C	
Natural Science - Quantitative (SQ)	4		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 210: Political Ideologies (SB)	3	C	
Literacy and Critical Inquiry (L)	3		
Humanities, Fine Arts and Design (HU)	3		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
SBS 302: Qualitative Methods	3	C	
SBS 304: Social Statistics I (CS) OR POS 401: Political Statistics (CS)	3	C	
POS Upper Division Elective	3	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
SBS 303: Quantitative Methods OR POS 301: Empirical Political Inquiry (SB)	3	C	
Complete 2 courses: POS Upper Division Elective	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 7 94 - 105 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: POS Upper Division Elective	6	C	
Related Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	12		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
POS Upper Division Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Elective	3		
Term hours subtotal:	15		

Related Area Courses

ASB Elective

COM Elective

CRJ Elective

ECN Elective

GCU Elective

HST Elective

PGS Elective

POS Elective

SBS Elective

SOC Elective

WST Elective

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
 - No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)











First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Psychology, BA

New College of Interdisciplinary Arts and Sciences

Campus: Online, West **WUE**
ASPGSBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PGS 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> ASU 101 is for ASU freshman students only. Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course Complete First-Year Composition by end of semester 3
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
EDT 180: Computer Literacy (CS) OR CSE 180: Computer Literacy (CS)	3	C	
Global Awareness (G)	3		
Elective OR MAT 117: College Algebra (MA)	3	C	
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Cultural Diversity in the U.S. (C)	3		
Social and Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ)	4	C	
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	
Historical Awareness (H)	3		
Humanities, Fine Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 61 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> See advisor for related field elective course options
Humanities, Fine Arts and Design (HU)	3		
Complete 2 courses: Related Area Course	6	C	
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	13		
Term 5 62 - 76 Credit Hours	Hours	Minimum Grade	Notes

PGS 315: Personality Theory and Research (SB) OR PGS 341: Developmental Psychology (SB) OR PGS 350: Social Psychology (SB)	3	C
PSY 320: Learning and Motivation OR PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 325: Physiological Psychology	3	C
Upper Division Related Area Course	3	C
<i>Complete 2 courses:</i> Upper Division Elective	6	
Term hours subtotal:	15	

Term 6 77 - 91 Credit Hours	Hours	Minimum Grade	Notes
PSY 320 OR PSY 323 OR PSY 324 OR PSY 325 OR PSY 330 OR PSY 369 OR PSY 470	3	C	
Upper Division Psychology Cluster Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Related Area Course	3	C	
Term hours subtotal:	15		

Term 7 92 - 106 Credit Hours	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i> Upper Division Psychology Cluster Course	6	C	
Language & Cultures (see notes) AND Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G)	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Psychology Cluster Course	3	C	
Language & Cultures (see notes) AND Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G)	3	C	
<i>Complete 2 courses:</i> Upper Division Elective	6		
Elective	2		
Term hours subtotal:	14		

Biological/Learning Cluster Course List	Clinical/Health Cluster Course List	Experiential Cluster Course List
PSY 320: Learning and Motivation	PGS 430: Industrial Psychology	PGS 344: Directed Child Study (SB)
PSY 323: Sensation and Perception	PGS 453: Organizational Behavior (SB)	PGS 394: Special Topics
PSY 324: Memory and Cognition	PGS 468: Psychology and Law	PGS 399: Supervised Research
PSY 325: Physiological Psychology	PGS 482: Social Influence and Consumer Behavior (SB)	PGS 484: Internship
PSY 369: Biology of Human Sexuality		PGS 494: Special Topics
PSY 425: Biological Bases of Behavior (L)		PSY 394: Special Topics
PSY 470: Psychopharmacology		PSY 494: Special Topics
		PSY 499: Individualized Instruction
Industrial/Organizational Cluster Course List	Methodology and Critical Thinking Cluster Course List	Social Influence Cluster Course List
PGS 430: Industrial Psychology	PGS 304: Effective Thinking (L)	PGS 250: Psychology and Society (SB)
PGS 453: Organizational Behavior (SB)	PSY 330: Statistical Methods (CS)	PGS 306: Environmental Psychology (SB)
PGS 468: Psychology and Law		PGS 350: Social Psychology (SB)
PGS 482: Social Influence and Consumer Behavior (SB)		PGS 370: Interpersonal Relationships (SB)

Life Span/Development Cluster Course List

PGS 341: Developmental Psychology (SB)

PGS 427: Psychology of Aging (SB)

PGS 446: Social Development (L or SB)

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.
- Students can not satisfy the University General Studies Requirement of Natural Science-General (SG) with PSY 290.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)












First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Psychology, BS

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASPGSBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PGS 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
EDT 180: Computer Literacy (CS) OR CSE 180: Computer Literacy (CS)	3	C	
Elective OR MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	
Historical Awareness (H)	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 210: Brief Calculus (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4	C	
Social and Behavioral Sciences (SB)	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	
Historical Awareness (H)	3		
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 65 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PSY 290: Research Methods (L or SG)	4	C	
Related Area Course	3	C	
Global Awareness (G)	3		
Humanities, Fine Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	

Term hours subtotal: 17

Term 5 66 - 81 Credit Hours	Hours	Minimum Grade	Notes
Thematic Coursework			
PGS 315: Personality Theory and Research (SB) OR PGS 341: Developmental Psychology (SB) OR PGS 350: Social Psychology (SB)	3	C	
Neuroscience Core			
PSY 320: Learning and Motivation OR PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 325: Physiological Psychology	3	C	
Upper Division Psychology Cluster Course	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	
Elective	3		
Term hours subtotal:	16		
Term 6 82 - 96 Credit Hours	Hours	Minimum Grade	Notes
Neuroscience Core			
PSY 320 OR PSY 323 OR PSY 324 OR PSY 325 OR PSY 330 OR PSY 369 OR PSY 470	3	C	
Upper Division Psychology Cluster Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		
Term 7 97 - 111 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Psychology Cluster Course	6	C	
Language & Cultures (see notes) AND Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		
Term 8 112 - 126 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Language & Cultures (see notes) AND Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G)	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Biological/Learning Cluster Course List	Clinical/Health Cluster Course List	Experiential Cluster Course List
PSY 320: Learning and Motivation	PGS 430: Industrial Psychology	PGS 344: Directed Child Study (SB)
PSY 323: Sensation and Perception	PGS 453: Organizational Behavior (SB)	PGS 394: Special Topics
PSY 324: Memory and Cognition	PGS 468: Psychology and Law	PGS 399: Supervised Research
PSY 325: Physiological Psychology	PGS 482: Social Influence and Consumer Behavior (SB)	PGS 484: Internship
PSY 369: Biology of Human Sexuality		PGS 494: Special Topics

PSY 425: Biological Bases of Behavior (L)			PSY 394: Special Topics		
PSY 470: Psychopharmacology			PSY 494: Special Topics		
			PSY 499: Individualized Instruction		
Industrial/Organizational Cluster Course List		Methodology and Critical Thinking Cluster Course List	Social Influence Cluster Course List		
PGS 430: Industrial Psychology		PGS 304: Effective Thinking (L)	PGS 250: Psychology and Society (SB)		
PGS 453: Organizational Behavior (SB)		PSY 330: Statistical Methods (CS)	PGS 306: Environmental Psychology (SB)		
PGS 468: Psychology and Law			PGS 350: Social Psychology (SB)		
PGS 482: Social Influence and Consumer Behavior (SB)			PGS 370: Interpersonal Relationships (SB)		
			PGS 385: Psychology of Gender		
			PGS 473: Psychology and Politics of Child Maltreatment		
			PGS 480: Cross-Cultural Social Psychology (SB & G)		
Life Span/Development Cluster Course List					
PGS 341: Developmental Psychology (SB)					
PGS 427: Psychology of Aging (SB)					
PGS 446: Social Development (L or SB)					

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic advisors regarding language requirements in their intended areas of study.
Language and Cultures: This requirement may be satisfied through one of the following:
 - completion of secondary education at a school in which the language of instruction is not English;
 - completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;
 - completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the university requirement;
 - completion of two sequential semesters of coursework in a current computer language.
- The BS in Psychology degree requires two lab science courses in addition to those used for the University General Studies requirement; one life science course from Biology, Microbiology, or Zoology; one physical science lab course from Astronomy, Chemistry, Geology, or Physics. Students can not satisfy the University General Studies Requirement of Natural Science-General (SG) with PSY 290.

Total Hours: 126
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)


















First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Religion & Applied Ethics Studies, BA

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASRELB

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR  ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
MAT 142: College Mathematics (MA)	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	6		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR  ENG 107 or ENG 108: English for Foreign Students	3	C	
 PHI 101: Introduction to Philosophy (HU) OR  REL 100: Religions of the World (HU & G) OR Literacy and Critical Inquiry (L)	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	6		
Term hours subtotal:	16		
Term 3 33 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PHI 101: Introduction to Philosophy (HU) OR  REL 100: Religions of the World (HU & G) OR Literacy and Critical Inquiry (L)	3	C	
Cultural Diversity in the U.S. (C)	3		
Social and Behavioral Sciences (SB)	3		
Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PHI 101: Introduction to Philosophy (HU) OR  REL 100: Religions of the World (HU & G) OR Literacy and Critical Inquiry (L)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social and Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	16		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
PHI 318: Philosophy of Religion (HU)	3		
REL 310: Western Religious Traditions (HU & H)	3		
REL OR PHI Elective	3		

Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C
Upper Division Elective	3	
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
REL 300: Research, Writing, and Thinking in Religion and Applied Ethics (L or HU)	3		
REL OR PHI Elective	3		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Applied Ethics Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
REL 345: Asian Religious Traditions (HU & G)	3		
REL 484: Internship	3		
REL OR PHI Elective	3		
Upper Division Applied Ethics Course	3	C	
Upper Division Religious Studies Course	3	C	
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
REL 490: Senior Thesis	3		
Complete 2 courses: Upper Division Religious Studies Course	6	C	
Upper Division Applied Ethics Course	3	C	
Term hours subtotal:	12		

Applied Ethics	Religious Studies
IAS 324: Existential Ethics (HU)	IAS 401: Sacred Scriptures and Social Choices (HU & G)
PHI 324: Existential Ethics (HU)	REL 401: Sacred Scriptures and Social Choices (HU & G)
IAS 340: Bioethics (HU)	IAS 430: Science and Religion (L or HU)
PHI 340: Bioethics (HU)	REL 430: Mesoamerican Shamanic Cosmographies
IAS 406: Moral Dilemmas (L or HU)	REL 321: Religion in America (HU & C & H)
PHI 406: Moral Dilemmas (L or HU)	REL 381: Religion and Moral Issues (L or HU)
IAS 407: Environmental Philosophy and Policy (L or HU)	REL 420: Religion in American Life and Thought (HU)
PHI 407: Environmental Philosophy and Policy (L or HU)	
IAS 408: Feminist Ethics (HU)	
PHI 408: Feminist Ethics (HU)	
IAS 409: Eco-Community Ethics (HU)	
PHI 409: Eco-Community Ethics (HU)	
PHI 306: Applied Ethics (HU)	

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with

academic 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 requirement;
5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Social and Behavioral Sciences, BA

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASSBSBA

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1		<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students Students who plan to take Psychology statistics should enroll in MAT 119 or MAT 170 or higher level math course
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA) OR MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Social and Behavioral Sciences (SB)	3		
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> Choose electives in consultation with an Academic Advisor in order to meet pre-requisites for courses in terms 5-8
Natural Science - Quantitative (SQ)	4		
Historical Awareness (H)	3		
Lower Division Related Electives	3	C	
Elective	3		
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ SBS 200: Introduction to Social and Behavioral Sciences (SB)	3	C	<ul style="list-style-type: none"> PSY 230 requires MAT 119 or higher level of math, MAT 142 is not considered a higher level of math
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
⚠ Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 66 Credit Hours	Hours	Minimum Grade	Notes
PSY 230: Introduction to Statistics (CS) OR SBS 304: Social Statistics I (CS) OR SOC 390: Social Statistics I (CS)	3	C	
Lower Division Related Electives	3	C	
Humanities, Fine Arts and Design (HU)	3		
Global Awareness (G)	3		
Complete 2 courses: Thematic Coursework	6	C	
Term hours subtotal:	18		

Term 5 67 - 78 Credit Hours	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG) OR COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication OR SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods OR SOC 391: Research Methods (L or SB)	3-4	C	
SBS 301: Cultural Diversity ((L or SB) & C)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12-13		

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Thematic Coursework	3	C	
Upper Division Related Electives	3	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Thematic Coursework	6	C	
Upper Division Related Electives	3	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
SBS 484: Internship OR SBS 498: Pro-Seminar	3	C	
Upper Division Related Electives	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Theme: Individual and Culture	Theme: Individual and Behavior	Theme: Individual and Family
ASB 211: Women in Other Cultures ((HU or SB) & G)	PGS 304: Effective Thinking (L)	CDE 232: Human Development (SB)
ASB 311: Principles of Social Anthropology (SB & G & H)	PGS 466: Abnormal Psychology (SB)	COM 411: Communication in the Family (SB)
COM 463: Intercultural Communication Theory and Research (SB & G)	PSY 320: Learning and Motivation	COM 494: Mothers, Daughters, and Communication
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	PSY 323: Sensation and Perception	FAS 301: Introduction to Parenting
PGS 306: Environmental Psychology (SB)	PSY 324: Memory and Cognition	FAS 331: Marriage and Family Relationships (SB)
SBS 342: Mexico-U.S. Borderlands (SB & C)	PSY 325: Physiological Psychology	FAS 431: Parent-Adolescent Relationships (SB)
SOC 328: Migration (SB & G)	PSY 369: Biology of Human Sexuality	FAS 435: Advanced Marriage and Family Relationships (L or SB)
SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)	SOC 340: The Sociology of Deviance (SB)	PGS 341: Developmental Psychology (SB)
WST 457: Women, Cultures, and Societies (SB & G)		PGS 443: Abnormal Child Psychology (L or SB)
		SOC 315: Courtship and Marriage (SB)
		SOC 415: The Family (SB)

Theme: Individual and Society	Theme: Individual and Community
COM 421: Rhetoric of Social Issues (HU)	ASB 442: Urban Anthropology (SB)
PGS 350: Social Psychology (SB)	COM 310: Relational Communication
POS 210: Political Ideologies (SB)	COM 312: Communication, Conflict, and Negotiation
POS 437: Women, Power, and Politics (G)	COM 316: Gender and Communication (SB & C)
SBS 447: Citizenship, Nationalism, and Identity (SB & C)	COM 319: Persuasion and Social Influence (SB)
SOC 241: Modern Social Problems (SB)	COM 353: Professional Communication
SOC 352: Social Change (SB & G & H)	PGS 370: Interpersonal Relationships (SB)
SOC 360: Sociological Psychology (SB)	PGS 461: Interpersonal Influence (SB)
WST 100: Women, Gender, and Society (SB & C)	SOC 324: Work and the Workplace (SB & H)
WST 300: Women and Gender in Contemporary Society (SB & C)	
WST 380: Race, Gender and Class (SB & C)	

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Social & Behavioral Sciences, BS

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASSBSBS

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Students who plan to take Psychology statistics should enroll in MAT 119 or MAT 170 or higher level math.
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA) OR MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Social and Behavioral Sciences (SB)	3		
Humanities, Fine Arts and Design (HU)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> • Choose electives in consultation with an Academic Advisor in order to meet pre-requisites for courses in terms 5-8.
Natural Science - Quantitative (SQ)	4		
Historical Awareness (H)	3		
Related Electives	3	C	
Elective	3		
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ SBS 200: Introduction to Social and Behavioral Sciences (SB)	3	C	<ul style="list-style-type: none"> • PSY 230 requires MAT 119 or higher level of math, MAT 142 is not considered a higher level of math
PSY 230: Introduction to Statistics (CS) OR SBS 304: Social Statistics I (CS) OR SOC 390: Social Statistics I (CS)	3	C	
Lower Division Thematic Coursework	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Maintain 2.00 GPA in Critical Tracking Courses.			
⚠ Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG) OR COM 308: Advanced Research Methods in Communication (L) OR SBS 303: Quantitative Methods OR SOC 391: Research Methods (L or SB)	3-4	C	
Humanities, Fine Arts and Design (HU)	3		
Global Awareness (G)	3		
Related Electives	3	C	
Upper Division Elective	3		
Term hours subtotal:	15-16		

Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
SBS 301: Cultural Diversity ((L or SB) & C)	3	C	
COM 309: Rhetorical, Interpretive, and Critical Methods in Communication OR SBS 302: Qualitative Methods	3	C	
Complete 2 courses: Upper Division Thematic Coursework	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		
Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
PSY 330: Statistical Methods (CS) OR SBS 304: Social Statistics I (CS)	3	C	
Upper Division Thematic Coursework	3	C	
Complete 2 courses: Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		
Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Thematic Coursework	6	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		
Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
SBS 484: Internship OR SBS 498: Pro-Seminar	3	C	
Upper Division Related Electives	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Related Electives	Theme: Individual and Community	Theme: Individual and Culture
ASB Elective	ASB 442: Urban Anthropology (SB)	ASB 211: Women in Other Cultures ((HU or SB) & G)
COM Elective	COM 310: Relational Communication	ASB 311: Principles of Social Anthropology (SB & G & H)
PGS Elective	COM 312: Communication, Conflict, and Negotiation	COM 463: Intercultural Communication Theory and Research (SB & G)
POS Elective	COM 316: Gender and Communication (SB & C)	FAS 370: Family Ethnic and Cultural Diversity (SB & C)
PSY Elective	COM 319: Persuasion and Social Influence (SB)	PGS 306: Environmental Psychology (SB)
SBS Elective	COM 353: Professional Communication	SBS 342: Mexico-U.S. Borderlands (SB & C)
SOC Elective	PGS 370: Interpersonal Relationships (SB)	SOC 328: Migration (SB & G)
	PGS 461: Interpersonal Influence (SB)	SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
	SOC 324: Work and the Workplace (SB & H)	WST 457: Women, Cultures, and Societies (SB & G)
Theme: Individual and Family	Theme: Individual and Behavior	Theme: Individual and Society
CDE 232: Human Development (SB)	PGS 304: Effective Thinking (L)	COM 421: Rhetoric of Social Issues (HU)
COM 411: Communication in the Family (SB)	PGS 466: Abnormal Psychology (SB)	PGS 350: Social Psychology (SB)
	PSY 320: Learning and Motivation	POS 210: Political Ideologies (SB)

COM 494: Mothers, Daughters, and Communication	PSY 323: Sensation and Perception	POS 437: Women, Power, and Politics (G)
FAS 301: Introduction to Parenting	PSY 324: Memory and Cognition	SBS 447: Citizenship, Nationalism, and Identity (SB & C)
FAS 331: Marriage and Family Relationships (SB)	PSY 325: Physiological Psychology	SOC 241: Modern Social Problems (SB)
FAS 431: Parent-Adolescent Relationships (SB)	PSY 369: Biology of Human Sexuality	SOC 352: Social Change (SB & G & H)
FAS 435: Advanced Marriage and Family Relationships (L or SB)	SOC 340: The Sociology of Deviance (SB)	SOC 360: Sociological Psychology (SB)
PGS 341: Developmental Psychology (SB)		WST 100: Women, Gender, and Society (SB & C)
PGS 443: Abnormal Child Psychology (L or SB)		WST 300: Women and Gender in Contemporary Society (SB & C)
SOC 315: Courtship and Marriage (SB)		WST 380: Race, Gender and Class (SB & C)
SOC 415: The Family (SB)		

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
 - No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)








First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Sociology, BA

New College of Interdisciplinary Arts and Sciences

Campus:  West
ASSOCBA

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
MAT 142: College Mathematics (MA)	3	C	
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Related Area Course	3	C	
Term hours subtotal:	16		
Term 3 31 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Related Area Course	3	C	
Historical Awareness (H)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 46 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SBS 304: Social Statistics I (CS) OR SOC 390: Social Statistics I (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Related Area Course	3	C	
Term hours subtotal:	15		
Term 5 61 - 75 Credit Hours	Hours	Minimum Grade	Notes
SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods OR SOC 391: Research Methods (L or SB)	3	C	

SOC Upper Division Elective	3	C
SOC Elective	3	
Upper Division Elective	3	
Elective	3	
Term hours subtotal:	15	

Term 6 76 - 90 Credit Hours	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i> SOC Upper Division Elective	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
SOC 486: Contemporary Theory (SB) OR SOC 483: History of Social Thought (SB)	3	C	
SOC Upper Division Elective	3	C	
Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Elective	3		
Related Area Course	3	C	
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
SOC Upper Division Elective	3	C	
Related Area Course	3	C	
<i>Complete 3 courses:</i> Upper Division Elective	9		
Term hours subtotal:	15		

Related Area Courses
ASB Elective
GCU Elective
PGS Elective
POS Elective
PSY Elective
SBS Elective
SOC Elective
WST Elective
Social and Behavioral Sciences (SB)

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic advisors regarding language requirements in their intended areas of study.
Language and Cultures: This requirement may be satisfied through one of the following:
 - completion of secondary education at a school in which the language of instruction is not English;
 - completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;
 - completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to

- meet the university requirement;
5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)








First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Sociology, BS

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASSOCBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Transfer students take SOC 301: Principles of Sociology (SB) instead of SOC 101: Introduction to Sociology
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Related Area Course	3	C	
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 31 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Humanities, Fine Arts and Design (HU)	3		
Related Area Course	3	C	
Historical Awareness (H)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 46 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SBS 304: Social Statistics I (CS) OR SOC 390: Social Statistics I (CS)	3	C	
Related Area Course	3	C	
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 61 - 75 Credit Hours	Hours	Minimum Grade	Notes
SBS 303: Quantitative Methods OR SOC 391: Research Methods (L or SB)	3	C	
Complete 2 courses: SOC Upper Division Elective	6	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 76 - 90 Credit Hours	Hours	Minimum Grade	Notes
SBS 302: Qualitative Methods	3	C	
Complete 2 courses: SOC Upper Division Elective	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
SOC 486: Contemporary Theory (SB) OR SOC 483: History of Social Thought (SB)	3	C	
SOC Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
SOC Upper Division Elective	3	C	
Related Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Related Area Courses
ASB Elective
GCU Elective
PGS Elective
POS Elective
PSY Elective
SBS Elective
SOC Elective
WST Elective
Social and Behavioral Sciences (SB)

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)











First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Spanish, BA

New College of Interdisciplinary Arts and Sciences

Campus: ~~West~~ **WUE**
ASSPABA

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SPA 111: Fundamentals of Spanish	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish for Bilinguals (G)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
Term 3 31 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish for Bilinguals (G)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Fine Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
Term 4 45 - 61 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Spanish Conversation and Composition for Bilinguals OR Elective AND Global Awareness (G)	4	C	
Humanities, Fine Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	17		
Term 5 62 - 76 Credit Hours	Hours	Minimum Grade	Notes
SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Spanish Conversation and Composition for Bilinguals OR Elective	3	C	

SPA 325: Introduction to Hispanic Literature (HU)	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
<i>Complete 2 courses:</i> Elective	6	
Term hours subtotal:	15	

Term 6 77 - 91 Credit Hours	Hours	Minimum Grade	Notes
SPA 412: Advanced Conversation and Composition (G)	3	C	
SPA 425: Spanish Literature (HU)	3	C	
SPA 426: Spanish Literature (HU) OR SPA 427: Spanish American Literature (L) OR SPA 428: Spanish American Literature (L & G) OR SPA 464: Mexican American Literature ((HU or SB) & C)	3	C	
SPA 471: Civilization of the Spanish Southwest ((L or HU) & C) OR SPA 472: Spanish American Civilization (HU & H & G) OR SPA 473: Spanish Civilization ((HU or SB) & G)	3	C	
Upper Division Related Area Course	3	C	
Term hours subtotal:	15		

Term 7 92 - 106 Credit Hours	Hours	Minimum Grade	Notes
SPA 426: Spanish Literature (HU) OR SPA 427: Spanish American Literature (L) OR SPA 428: Spanish American Literature (L & G) OR SPA 464: Mexican American Literature ((HU or SB) & C)	3	C	
SPA 471: Civilization of the Spanish Southwest ((L or HU) & C) OR SPA 472: Spanish American Civilization (HU & H & G) OR SPA 473: Spanish Civilization ((HU or SB) & G)	3	C	
<i>Complete 2 courses:</i> SPA 4** Elective	6	C	
Upper Division Related Area Course	3	C	
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours	Hours	Minimum Grade	Notes
SPA 426: Spanish Literature (HU) OR SPA 427: Spanish American Literature (L) OR SPA 428: Spanish American Literature (L & G) OR SPA 464: Mexican American Literature ((HU or SB) & C)	3	C	
Upper Division Related Area Course	3	C	
<i>Complete 2 courses:</i> SPA 4** Elective	8	C	
Term hours subtotal:	14		

Related Area Courses
AMS 327: Regional Cultures
AMS 417: Religious Traditions of the American Southwest
AMS 422: Studies in American Literature
AMS 428: Chicano Cultures in the Southwest (SB)
AMS 429: Interdisciplinary Topics
ENG 334: The American Southwest in Literature and Film. ((L or HU) & C)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
ENG 460: Ethnic Women Writers
ETH 100: Introduction to Ethnic Studies (SB & C)
ETH 310: Research Methods in Ethnic, Racial, and First Nations Populations (SB)

HST 341: U.S. West 19th Century (SB & H)

HST 375: Colonial Latin America (SB & H)

HST 418: The Hispanic Southwest (SB)

HST 419: 20th Century Chicano/a History

HST 437: Spain through the Golden Age
(HU or SB) & H)

HST 447: Modern Mexico (SB & H)

WST 430: Gender on the Borderlands (SB & G)

WST 467: Ethnic Women Writers (HU & C)

WST 473: Latina/Chicana Representation (SB & C)

WST 475: Women of the Diaspora across
Cultures (HU)

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)









First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Statistics, BS

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASSTABS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACO 101: Introduction to Computer Science (CS)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
Humanities, Fine Arts and Design (HU)	3		
Global Awareness (G)	3		
Term hours subtotal:	14		
Term 2 15 - 27 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 STP 280: Probability and Statistics for Researchers	3	C	
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
Upper Division Social and Behavioral Sciences (SB)	3		
Global Awareness (G)	3		
Term hours subtotal:	13		
Term 3 28 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 STP 281: Statistical Analysis for Researchers	3	C	
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	
Natural Science - Quantitative (SQ)	4		
Social and Behavioral Sciences (SB)	3		
Humanities, Fine Arts and Design (HU)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	17		
Term 4 45 - 60 Credit Hours	Hours	Minimum Grade	Notes
MAT 343: Applied Linear Algebra	3		
STP 394: Design and Analysis of Experiments	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Fine Arts and Design (HU)	3		
Natural Science - General (SG)	4		
Term hours subtotal:	16		
Term 5 61 - 76 Credit Hours	Hours	Minimum Grade	Notes
STP 394: Statistical Computing	3	C	
STP 421: Probability	3	C	
Lower Division Literacy and Critical Inquiry (L)	3		
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 6 77 - 91 Credit Hours	Hours	Minimum Grade	Notes
ACO 102: Principles of Computer Science (CS) OR Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G)	3		
STP 394: Applied Regression Analysis and Time Series	3	C	
STP 427: Mathematical Statistics	3	C	
Track Focus Area Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 7 92 - 106 Credit Hours	Hours	Minimum Grade	Notes
ACO 102: Principles of Computer Science (CS) OR Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G)	3		
STP 494: Senior Capstone	3	C	
STP 494: Quality Improvement OR STP 425: Stochastic Processes OR STP 494: Categorical Data Analysis OR STP 494: Nonparametric Statistics OR STP 494: Multivariate Analysis	3	C	
Track Focus Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 107 - 121 Credit Hours	Hours	Minimum Grade	Notes
STP 494: Quality Improvement OR STP 425: Stochastic Processes OR STP 494: Categorical Data Analysis OR STP 494: Nonparametric Statistics OR STP 494: Multivariate Analysis	3	C	
Track Focus Area Course	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Area of Focus Course
CHM 113: General Chemistry I (SQ)
CHM 116: General Chemistry II (SQ)
CHM 233: General Organic Chemistry I
MAT 243: Discrete Mathematical Structures
MAT 371: Advanced Calculus I
MAT 421: Applied Computational Methods (CS)
MAT 450: Mathematical Models in Biology
ACO 102: Principles of Computer Science (CS)
ACO 201: Data Structures and Algorithms (CS)
ACO 220: Introduction to Database Systems (CS)

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
 - No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
5. completion of two sequential semesters of coursework in a current computer language.

Total Hours: 121

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition








General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Women and Gender Studies, BA

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASWSTBA

This program is not currently accepting applications.

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 WST 100: Women, Gender, and Society (SB & C)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		
Term 3 33 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Global Awareness (G)	3	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Social and Behavioral Sciences (SB)	3	C	
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
WST/Related Course Elective	3	C	
 WST 380: Race, Gender and Class (SB & C)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	6		
Term hours subtotal:	16		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Feminist Theory and/or Methods	3	C	
Upper Division Global/Transnational Perspectives	3	C	

Upper Division WST/Related Course Elective	3	C
<i>Complete 2 courses:</i> Upper Division Elective	6	
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
Upper Division WST/Related Course Elective	9	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Upper Division WST/Related Course Elective	9	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
WST 498: Theory and Method in Women AND Upper Division Literacy and Critical Inquiry (L)	3	C	
Upper Division WST/Related Course Elective	6	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Term hours subtotal:	12		

- Students must complete 3 credit hours in each of two areas: Global/Transnational Perspectives, & Feminist Theory and/or Methods.

Related Area Courses	Global/Transnational Perspectives	Feminist Theory and/or Methods
AMS 332: Blues Music in American Culture, SRE:Native American Religious, Studies in Race and Ethnicity	WST 430: Gender on the Borderlands (SB & G)	WST 333: Critical Perspectives on Sexuality (SB & C)
AMS 428: Chicano Cultures in the Southwest (SB)	WST 457: Women, Cultures, and Societies (SB & G)	WST 370: Chronicling Women's Lives (HU & C)
AMS 431: Gender and Sexuality in Sports	WST 483: Women Writers Across Cultures (HU & G)	WST 376: Feminist Theory (H & C)
COM 316: Gender and Communication (SB & C)		
COM 416: Gender, Race, Colonialism, and Media		
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)		
ENG 454: Gender and Literature (L or HU)		
ENG 455: Contemporary Women Writers		
ENG 460: Ethnic Women Writers		
ENG 461: Contemporary Arab Women Writers, Global Feminism, Native American Literature, Native American Women, Native American Women, Studies in Women and Literature, Virginia Woolf		
ENG 462: Africana Literature (HU & G)		
HST 312: History of Women in Science and Medicine (HU or SB)		
HST 330: Mexican Women in the U.S. ((L or SB) & H & C)		

HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)

HST 377: Women in Colonial Latin America (H)

HST 415: Unequal Sisters/Women-Pol/Cult ((L or SB) & H & C)

HST 464: Women in Europe to 1750 (H)

HST 465: Women in Europe, 1750 to Present ((L or HU or SB) & H)

HST 494: Women & Gender Transatlantic Habsburg Empire

IAP 310: Women in Art

IAS 408: Feminist Ethics (HU)

PHI 408: Feminist Ethics (HU)

LSC 363: Genes, Race, Gender, and Society (L)

POS 430: Race and Politics in the Americas (SB)

POS 437: Women, Power, and Politics (G)

REL 390: Women and Religion (HU & G)

WST 390: Women and Religions (HU & G)

SBS 301: Cultural Diversity ((L or SB) & C)

SBS 494: Gender and Violence

SOC 426: Social Inequality (SB)

SOC 457: Global Social Movements (SB & G)

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic 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 requirement;
 5. completion of two sequential semesters of coursework in a current computer language.
- The Women and Gender Studies major (B.A.) consists of 45 credit hours, of which 30 credit hours must be upper division (300-400 level). Students must complete 9 credit hours of the required core courses, as well as 3 credit hours in each of two areas: Global/Transnational Perspectives, & Feminist Theory and/or Methods. Additionally, students must complete 30 credit hours of Women and Gender Studies or other approved elective course work (see list below). Students must complete all course work in the major with a grade of A-C (2.00) or better. No pass/fail credit may be used for major requirements.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)








First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Women and Gender Studies, BS

New College of Interdisciplinary Arts and Sciences

Campus: **West**
ASWSTBS

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 WST 100: Women, Gender, and Society (SB & C)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		
Term 3 33 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Global Awareness (G)	3		
Historical Awareness (H)	3		
Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 WST 380: Race, Gender and Class (SB & C)	3		
WST/Related Course Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	6		
Term hours subtotal:	16		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Feminist Theory and/or Methods	3	C	
Upper Division Global/Transnational Perspectives AND Upper Division Humanities, Fine Arts and Design (HU)	3	C	
WST/Related Course Elective	3	C	
Complete 2 courses: Upper Division Elective	6		

Term hours subtotal: 15

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
Upper Division WST/Related Course Elective	9	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
BS majors: statistics, quantitative methods, or computer science	3	C	
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
Upper Division WST/Related Course Elective	9	C	
Upper Division Language & Cultures (see notes) AND Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
WST 498: Theory and Method in Women AND Upper Division Literacy and Critical Inquiry (L)	3	C	
BS majors: statistics, quantitative methods, or computer science	3	C	
Complete 2 courses: Upper Division WST/Related Course Elective	6	C	
Term hours subtotal:	12		

- Students must complete 3 credit hours in each of two areas: Global/Transnational Perspectives, & Feminist Theory and/or Methods.

Related Area Courses	Feminist Theory and/or Methods	Global/Transnational Perspectives
AMS 332: Blues Music in American Culture, SRE:Native American Religious, Studies in Race and Ethnicity	WST 333: Critical Perspectives on Sexuality (SB & C)	WST 430: Gender on the Borderlands (SB & G)
AMS 428: Chicano Cultures in the Southwest (SB)	WST 370: Chronicling Women's Lives (HU & C)	WST 457: Women, Cultures, and Societies (SB & G)
AMS 431: Gender and Sexuality in Sports	WST 376: Feminist Theory (H & C)	WST 483: Women Writers Across Cultures (HU & G)
COM 316: Gender and Communication (SB & C)		
COM 416: Gender, Race, Colonialism, and Media		
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)		
ENG 454: Gender and Literature (L or HU)		
ENG 455: Contemporary Women Writers		
ENG 460: Ethnic Women Writers		
ENG 461: Contemporary Arab Women Writers, Global Feminism, Native American Literature, Native American Women, Native American Women, Studies in Women and Literature, Virginia Woolf		
ENG 462: Africana Literature (HU & G)		
HST 312: History of Women in Science and Medicine (HU or SB)		
HST 330: Mexican Women in the U.S. ((L or SB) & H & C)		
HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)		

HST 377: Women in Colonial Latin America (H)

HST 415: Unequal Sisters/Women-Pol/Cult ((L or SB) & H & C)

HST 464: Women in Europe to 1750 (H)

HST 465: Women in Europe, 1750 to Present ((L or HU or SB) & H)

HST 494: Women & Gender Transatlantic Habsburg Empire

IAP 310: Women in Art

IAS 408: Feminist Ethics (HU)

PHI 408: Feminist Ethics (HU)

LSC 363: Genes, Race, Gender, and Society (L)

POS 430: Race and Politics in the Americas (SB)

POS 437: Women, Power, and Politics (G)

REL 390: Women and Religion (HU & G)

WST 390: Women and Religions (HU & G)

SBS 301: Cultural Diversity ((L or SB) & C)

SBS 494: Gender and Violence

SOC 426: Social Inequality (SB)

SOC 457: Global Social Movements (SB & G)

Related Course work

Notes:

- Mathematics. Unless a specific math course is listed, students must complete MAT 142 or any MAT course for which MAT 117 or higher level MAT course is a pre-requisite. The mathematics requirement must be completed with a grade of "C" or better.
- No credit is granted toward fulfilling major or minor requirements in any course 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 by passing an examination or by completing the requirement below, any courses must be passed with a grade of "C" or higher. Students considering graduate work after completion of a bachelor's degree should consult with academic advisors regarding language requirements in their intended areas of study.
Language and Cultures: This requirement may be satisfied through one of the following:
 - completion of secondary education at a school in which the language of instruction is not English;
 - completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;
 - completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country;
 - completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the university requirement;
 - completion of two sequential semesters of coursework in a current computer language.
- The Women and Gender Studies major (B.S.) consists of 51 credit hours, of which 30 credit hours must be upper division (300-400 level). Students must complete 9 credit hours of the required core courses, as well as 3 credit hours in each of two areas: Global/Transnational Perspectives, & Feminist Theory and/or Methods. Additionally, students must complete 30 credit hours of Women and Gender Studies or other approved elective course work (see list below). Finally, students must complete six hours of statistics, computer science, or quantitative research methods. This sequence must be approved by the division advisor. Students must complete all course work in the major with a grade of A-C (2.00) or better. No pass/fail credit may be used for major requirements.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Nursing, BSN

College of Nursing & Health Innovation

Campus: Downtown Phoenix, Online

NUNURDBSN

Term 1	0 - 14 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
CDE 232: Human Development (SB) OR HCR 210: Clinical Health Care Ethics (HU) OR HCR 220: Introduction to Nursing and Healthcare Systems (H) OR HCR 230: Culture and Health (C & G) OR  NTR 241: Human Nutrition OR PGS 101: Introduction to Psychology (SB) OR Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB) OR Computer/Statistics/Quantitative Applications (CS) OR Elective			3	B	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students Although a minimum grade of B is required in all classes, one grade of C in a critical required course will be allowed
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) OR  BIO 202: Human Anatomy and Physiology II (SG) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)			4	B	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students			3	B	
 MAT 142: College Mathematics (MA)			3	B	
ASU 101: The ASU Experience			1		
 Maintain 3.50 GPA in Critical Tracking Courses.					
 Minimum 3.50 GPA ASU Cumulative.					
Term hours subtotal:			14		
Term 2	15 - 30 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
Complete 3 courses: CDE 232: Human Development (SB) OR HCR 210: Clinical Health Care Ethics (HU) OR HCR 220: Introduction to Nursing and Healthcare Systems (H) OR HCR 230: Culture and Health (C & G) OR  NTR 241: Human Nutrition OR PGS 101: Introduction to Psychology (SB) OR Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB) OR Computer/Statistics/Quantitative Applications (CS) OR Elective			9	B	
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) OR  BIO 202: Human Anatomy and Physiology II (SG) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)			4	B	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students			3	B	
 Maintain 3.50 GPA in Critical Tracking Courses.					
 Minimum 3.50 GPA ASU Cumulative.					
 Complete Mathematics (MA) requirement.					
Term hours subtotal:			16		
Term 3	31 - 44 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
Complete 2 courses: CDE 232: Human Development (SB) OR HCR 210: Clinical Health Care Ethics (HU) OR HCR 220: Introduction to Nursing and Healthcare Systems (H) OR HCR 230: Culture and Health (C & G) OR  NTR 241: Human Nutrition OR PGS 101: Introduction to Psychology (SB) OR Humanities, Fine Arts and Design (HU) OR			6	B	

Social and Behavioral Sciences (SB) OR Computer/Statistics/Quantitative Applications (CS) OR Elective		
CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) OR BIO 202: Human Anatomy and Physiology II (SG) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	8	B
⚠️ Maintain 3.50 GPA in Critical Tracking Courses.		
⚠️ Minimum 3.50 GPA ASU Cumulative.		
⚠️ Complete First-Year Composition requirement.		
Term hours subtotal:	14	

Term 4 45 - 57 Credit Hours Critical course signified by ⚠️	Hours	Minimum Grade	Notes
Complete 3 courses: CDE 232: Human Development (SB) OR HCR 210: Clinical Health Care Ethics (HU) OR HCR 220: Introduction to Nursing and Healthcare Systems (H) OR HCR 230: Culture and Health (C & G) OR NTR 241: Human Nutrition OR PGS 101: Introduction to Psychology (SB) OR Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB) OR Computer/Statistics/Quantitative Applications (CS) OR Elective	9	B	<ul style="list-style-type: none"> • Must have 3.75 "Select GPA" to begin in Traditional Pre-licensure Clinical nursing Program. "Select GPA" calculated by college and must include grades for ENG 101, ENG 102, three out of the four sciences and eight additional courses.
⚠️ HCR 240: Human Pathophysiology	4	B	
⚠️ Minimum 3.50 GPA ASU Cumulative.			
⚠️ Maintain 3.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	13		

Term 5 58 - 73 Credit Hours Critical course signified by ⚠️	Hours	Minimum Grade	Notes
NUR 310: Nursing Concepts	4	C	
NUR 311: Pharmacology	3	C	
NUR 320: Nursing Practice	4	C	
NUR 330: Professional Nurse Attributes (HU)	3	C	
NUR 394: Psychomotor Skills For Professional Nursing Prac	2	C	
⚠️ Milestone: Completion of all non-coursework Nursing requirements for continuation into the Traditional Pre-licensure Clinical Nursing Program.			
Term hours subtotal:	16		

Term 6 74 - 89 Credit Hours	Hours	Minimum Grade	Notes
NUR 314: Health Assessment for Registered Nurses	3	C	
NUR 315: Methods and Critical Appraisal for Evidence-Based Practice (L)	3	C	
NUR 323: Nursing Practice Adult Health	3	C	
NUR 394: Nursing Concepts for Psychiatric and Mental Health	3	C	
NUR 394: Nursing Concepts for Adult Health	3	C	
NUR 394: Informatics OR NUR 394: Health and the Media OR NUR 394: Alternative Healing Practices	1	C	
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours	Hours	Minimum Grade	Notes
NUR 484: Nursing Practice: Community and Public Health	3	C	
NUR 484: Nursing Practice: Childbearing Clients	2	C	
NUR 484: Nursing Practice: Pediatrics	2	C	
NUR 494: Gerontological Nursing	1	C	
NUR 494: Nursing Concepts for Community and Public Health	3	C	
NUR 498: Nursing Concepts Childbearing & Pediatric Clients	5	C	
Term hours subtotal:	16		

Term 8 106 - 121 Credit Hours	Hours	Minimum Grade	Notes
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NUR 394: Informatics OR NUR 394: Health and the Media OR NUR 394: Alternative Healing Practices OR NUR 394: Emergency Nursing	1	C
NUR 413: Nursing for Complex Care	4	C
NUR 423: Nursing Practice: Complex Care and Leadership and Management	5	C
NUR 430: Professional Nurse Attributes: Leadership and Management	3	C
NUR 431: Professional Nurse Attributes Innovative Professional (L)	3	C
Term hours subtotal:	16	

Notes:

- To maintain your Continuing Eligibility status full time enrollment of 12 or more credit hours is required each term.

Total Hours: 121
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

Arizona State University
College of Nursing and Health Innovation
Bachelor of Applied Science Degree
Food Service Management Concentration

The B.A.S. degree with a concentration in food service management is designed to complement and enhance the educational preparation of students holding an A.A.S. degree. The concentration is particularly designed for students holding an A.A.S. degree in culinary or hospitality science. The degree prepares students for careers in food production, service, management, and marketing. With additional education and/or professional training, students may also become credentialed as certified dietary managers, school food service and nutrition specialists, or registered sanitarians.

Admission to the B.A.S. degree program is restricted to students holding an A.A.S. degree from a regionally accredited U.S. postsecondary educational institution. A GPA of 2.00 or higher is required for all resident applicants and a 2.50 is required for nonresident applicants. The B.A.S. degree consists of 60 semester hours of upper-division (300 level and above) courses. A total of 120 semester hours is required for graduation.

General Studies (19 credits)

	Credits	Recommended courses
Mathematical Studies (MA or CS)	3	ASC 315
Natural Sciences (SG)	4	Life science course
Literacy and Critical Inquiry (L)	3	ENG 301 or TWC 301
Humanities, Fine Arts, and Design (HU)	3	Upper-division HU course
Social and Behavioral Sciences (SB)	3	Upper-division SB course
General Studies (HU or SB)	3	Upper-division HU or SB course

B.A.S. Area Core (15 credits)

	Credits
MGT 300 Organization and Management Leadership or BUA 380 Small Business Leadership	3
MKT 300 Marketing and Business Performance or BUA 382 Small Business Sales and Market Development	3
NTR 300 Computer Applications in Nutrition (CS)	3
NTR 344 Nutrition Services Management (L)	3
NTR 351 Nutrition and Health Communications (L)	3

Food Service Concentration (21 credits)

	Credits
NTR 343 Food Service Purchasing	3
NTR 345 Development of Healthy Cuisines	3
NTR 348 Cultural Aspects of Food (SB & C & G)	3
NTR 401 Professional Practice in Food Service Management	3
NTR 445 Management of Food Service Systems	3
NTR course nutrition elective (upper division)	3
NTR/AGB course nutrition/agribusiness elective (upper division)	3

Assignable Credits (5 credits)

_____ () credits
_____ () credits

B.A.S. Degree Summary

A.A.S. Degree Block Transfer	60
General Studies	19
B.A.S. Area Core	15
Food Service Concentration	21
Assignable Credits	5

Total Credits 120

**College of Nursing and Healthcare Innovation
Bachelor of Applied Science Degree: Health Sciences (HSC)**

Curriculum Check Sheet

Note: ASU does not regard the AAS-to-BAS as a traditional transfer degree, so special provisions apply:

- [a] The AAS degree holder (the student) will be admitted only to the BAS program specified, e.g. Health Sciences. Only those students with a regionally accredited AAS from an approved (articulated) Health/Health Technology program are eligible for this degree.
- [b] The institution from which the student received his/her AAS degree must be regionally accredited. A foreign institution must be approved and recognized as a post-secondary institution by the Ministry of Education or other governmental authorities.
- [c] All courses applied toward completion of the AAS must have been completed with a grade of C or higher. ASU will not accept courses with a grade of D.
- [d] A block of up to 60 credit hours will be accepted for transfer with the completed AAS from an approved (articulated) Health/Health Technology program. Students must confirm with the institution granting the AAS that it has an articulation agreement with ASU in place for the BAS in Health Science.
- [e] A minimum of 60 credit hours for the BAS degree must be completed at ASU. If the AAS degree is earned with fewer than 60 credit hours, the student must complete additional credit hours at ASU, so that the total credit hours of the AAS and BAS degrees are at least 120.
- [e] After admission to ASU, if a student wishes to transfer out of the BAS program into another program at ASU, the agreement to accept a block of up to 60 transfer credit hours from the AAS degree shall be void and no longer in effect. The student's transcript will be evaluated course-by-course and only transferrable courses will be accepted.

B.A.S. Degree Summary

A.A.S. Degree Block Transfer	60
ASU General Studies	22-25
B.A.S. Health Sciences Area Core	9
Health Sciences Concentration	26-29
TOTAL	120

I. Articulated General Studies Sequence (typically within the AAS degree) (16-19 credits):

The articulated AAS degree must contain the following lower division general studies and foundations coursework:

- First Year Composition (6 hrs)
- Humanities (selected from AGECS list) (3 hrs)
- Social & Behavioral Sciences (selected from AGECS list) (3 hrs)
- Natural Sciences (Selected from AGECS list) (4 hrs)
- Mathematics (0-3 hrs). If not completed in the AAS, this requirement will be included as part of the 60-units completed as ASU in order to meet ASU GS requirement.

All courses used for General Studies within the AAS must satisfy AGECE (Arizona General Education Curriculum) criteria (or an equivalent articulated general studies transfer pattern) with the exception of mathematics.

II. ASU General Studies Sequence (22-25 credits):

Within General Studies or other courses, student must meet Global Awareness, Historical Awareness, Cultural Diversity, and Literacy course requirements of ASU.

	Credits	Recommended courses
Mathematical Studies (MA)	3	Must meet AGECE MA criteria.
Mathematical Studies: (CS)	3	APM 301 Introductory Statistics OR equivalent upper division statistics course [ABS 350 Applied Statistics, ASC 315 Numeracy in Technology, SOC 390 Social Statistics, SWU 321 Statistics for Social Workers, STP 420 Introduction to Applied Statistics]
Literacy (L) & Critical Inquiry (at least 3 hrs upper division)	6	TWC 301 General Principles of Multimedia Writing OR equivalent upper division (L) course [ENG 301 Writing for the Professions, ENG 302 Business Writing]
Natural Science [SQ]	4	
Humanities (HU)	3	HSC 320 Applied Medical/Health Care Ethics OR equivalent upper division (HU) course [PHI 306 Applied Ethics, PHI 406 Moral Dilemmas, REL 381 Religion and Moral Issues]
Social Science (SB)	3	NTR 350 Nutrition Counseling OR equivalent upper division (SB) course [COM 316 Gender and Communication, SOC 352 Social Change]
General Studies (HU or SB) upper division	3	NTR 450 Lifecycle Nutrition [SB] OR ALD 420 Health Issues of Older Adults OR equivalent upper division (HU or SB) course [CDE 430 Infant/Toddler Development, EDP 313 Childhood and Adolescence, SOC 427 Sociology of Health/Illness]

III. B.A.S. Health Sciences Area Core (9 credits)

	Credits
EXW 300 Fundamentals of Wellness	3
HSC 420 Evaluation of Health Sciences Research	3
HSC 300 Complementary Health Care	3

IV. Health Sciences Concentration (26-29 credits): Select from the following.

Professional Communication and Education: Select at least 9 credits

AFS 494 Health Education Health Promotion in Black Communities [3 cr]
 COM 316 Gender and Communication [3 cr] [SB & C]
 COM 371 Language, Culture and Communication [3 cr] [SB & C & G]
 COM 410 Interpersonal Communication Theory and Research [3 cr] [SB]
 EDP 310 Selected topics such as Motivation; Learning and Memory [3 cr] [SB]
 EXW 342 Health Behavior Change [3 cr]
 EXW 346 Health Promotion and Program Evaluation [3 cr]
 JMC 445 Science and Medical Writing [3 cr]
 NTR 300 Computer Applications in Nutrition [3 cr] [CS]
 NTR 350 Nutrition Counseling [3 cr] [SB]
 NTR 351 Nutrition and Health Communication [3 cr]
 NTR 494 ST: Nutrition and the Media [3 cr]
 PSY 320 Learning and Memory [3 cr]

TWC 401 Principles of Technical Communication [3cr] [L]
 TWC 411 Principles of Visual Communication [3 cr] [L]
 TWC 446 Technical and Scientific Reports [3cr] [L]

Vulnerable Populations: Select at least 6 cr

ASB 321 Indians of the Southwest [3 cr] [(L or SB) & H & C]
 ASB 342 Mexico-US Borderlands [3 cr] [SB]
 ASB 353 Death and Dying: Cross Cultural Perspectives [3 cr] [(HU or SB) & G]
 EXW 450 Cultural & Social Issues in Exercise & Wellness [3 cr][L or SB;C]
 FAS 370 Family, Ethnic and Cultural Diversity [3 cr] [SB & C]
 GRN 420 Health Aspects of Aging [3 cr] [SB]
 HST 325 Immigration and Ethnicity in the US [3 cr] [SB & H & C]
 NTR 348 Cultural Aspects of Food [3 cr] [SB & C & G]
 SOC 353 Death and Dying: Cross Cultural Perspectives [3 cr] [(HU or SB) & G]
 SOC 418 Aging and the Life Course [3 cr] [SB]
 SOC 424 Women and Health [3 cr] [L or SB]
 SOC 427 Sociology of Health and Illness [3 cr] [L or SB]
 SSH 301 Global History of Health [3 cr] [SB, H]
 SSH 404 Culture and Health [3 cr]
 TLC 321 Transborder Community Development and Health (3 cr)
 TLC 323 Latino Health Issues (4 cr) [SB, C]
 TLC 326 Health of Chicanas and Latinas (3 cr) [SB, C]
 TCL 327 Health and Migration [3 cr] [L or SB]
 TCL 422 US-Mexico Border Health [3 cr]
 WST 300 Women in Contemporary Society [3 cr] [SB & C]
 WST 394 Women and International Health [3 cr]

Policy and Organizations: No minimum required

BIO 494 Current Issues in US Public Health [3 cr]
 MGT 300 Organizational Management and Leadership [3 cr]
 MGT 310 Collaborative Team Skills [3 cr]
 PGS 458 Group Dynamics [3 cr]
 POS 325 Public Policy Development [3 cr]

Concentration Check sheet (26-29 credits)










	Credits
<u>Professional Communication and Education</u>	
	3
	3
	3
<u>Vulnerable Populations</u>	
	3
	3
<u>Remaining Course Selections</u>	
	3
	3
	3
	2-5

2011 - 2012 Major Map Exercise & Wellness (Exercise & Wellness), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

ECEXWBS

Term 1	0 - 15 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i>					
	BIO 201: Human Anatomy and Physiology I OR EXW 100: Introduction to Health and Wellness (SB) OR MAT 142: College Mathematics (MA) OR PGS 101: Introduction to Psychology (SB)		6-7	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students
	ASU 101: The ASU Experience		1		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)		3		
	Elective		2		
	Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:			15-16		
Term 2	16 - 29 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i>					
	BIO 201: Human Anatomy and Physiology I OR BIO 202: Human Anatomy and Physiology II (SG) OR EXW 100: Introduction to Health and Wellness (SB) OR MAT 142: College Mathematics (MA) OR PGS 101: Introduction to Psychology (SB)		6-7	C	
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	EXW 214: Flexibility Instructional Competency Laboratory		2	C	
	Elective		3		
	Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:			14-15		
Term 3	30 - 47 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	BIO 201: Human Anatomy and Physiology I OR BIO 202: Human Anatomy and Physiology II (SG) OR EXW 100: Introduction to Health and Wellness (SB) OR EXW 300: Foundations of Exercise and Wellness (SB) OR PGS 101: Introduction to Psychology (SB)		6-7	C	
	CHM 101: Introductory Chemistry (SQ)		4	C	
	COM 225: Public Speaking (L)		3	C	
	EXW 216: Muscular Strength Instructional Competency Laboratory		2	C	
	Elective		3		
	Minimum 2.00 GPA ASU Cumulative.				
	Complete First-Year Composition requirement.				
	Complete Mathematics (MA) requirement.				
Term hours subtotal:			18-19		
Term 4	48 - 61 Credit Hours		Hours	Minimum Grade	Notes
	BIO 201: Human Anatomy and Physiology I OR BIO 202: Human Anatomy and Physiology II (SG) OR EXW 100: Introduction to Health and Wellness (SB) OR EXW 300: Foundations of Exercise and Wellness (SB) OR PGS 101: Introduction to Psychology (SB)		6-7	C	
	EXW 218: Cardiovascular Instructional Competency Laboratory		2	C	
	EXW 310: Computer Skills and Technology for Exercise and Wellness (CS)		3	C	

NTR 241: Human Nutrition	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		14-15	
Term 5 62 - 77 Credit Hours	Hours	Minimum Grade	Notes
EXW 315: Physiological Foundations of Movement	4	C	
EXW 320: Program Development and Leadership	3	C	
EXW 342: Health Behavior Change	3	C	
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:		16	
Term 6 78 - 93 Credit Hours	Hours	Minimum Grade	Notes
EXW 330: Kinesiological Foundations of Movement	4	C	
EXW 400: Stress Management for Wellness	3	C	
Elective	6		
Upper Division Elective	3		
Term hours subtotal:		16	
Term 7 94 - 106 Credit Hours	Hours	Minimum Grade	Notes
EXW 420: Exercise Testing	4	C	
EXW 425: Exercise Prescription	3	C	
EXW 450: Cultural and Social Issues in Exercise and Wellness ((L or SB) & C)	3	C	
Upper Division Concentration Course	3	C	
Term hours subtotal:		13	
Term 8 107 - 120 Credit Hours	Hours	Minimum Grade	Notes
EXW 484: Internship	6	C	
Complete 2 courses: Elective	5		
Upper Division Elective	3		
Term hours subtotal:		14	

Concentration Elective
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
BUA 330: Organizational Leadership
BUA 381: Small Business Accounting and Finance
BUA 382: Small Business Sales and Market Development
BUA 383: Small Business Working Relationships
ENG 301: Writing for the Professions (L)
EXW 315: Physiological Foundations of Movement
EXW 330: Kinesiological Foundations of Movement
EXW 380: Body Image and Wellness
EXW 394: Special Topics
EXW 420: Exercise Testing
EXW 425: Exercise Prescription

EXW 460: Resistance Training Application and Theory

EXW 493: Honors Thesis (L)

EXW 494: Special Topics

EXW 499: Individualized Instruction

HSC 300: Complementary Healthcare

NTR 340: Applications in Human Nutrition

NTR 341: Introduction to Planning Therapeutic Diets

NTR 345: Development of Healthy Cuisines

NTR 346: Sports Nutrition

NTR 348: Cultural Aspects of Food (SB & C & G)

NTR 350: Nutrition Counseling (SB)

NTR 351: Nutrition and Health Communications (L)

NTR 394: Special Topics

NTR 440: Advanced Human Nutrition I

NTR 450: Nutrition in the Life Cycle I (SB)

NTR 451: Nutrition in the Life Cycle II

NTR 494: Special Topics

PGS 350: Social Psychology (SB)

SOC 424: Women and Health (SB)

SOC 427: Sociology of Health and Illness (SB)

SOC 352: Social Change (SB & G & H)

EXW 350: Substance Abuse and Addictive Behavior

EXW 446: Health Promotion and Program Evaluation

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Exercise & Wellness (Health Promotion), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

ECEXWHBS

Term 1 0 - 16 Credit Hours	Hours	Minimum Grade	Notes
<p><i>Complete 2 courses:</i></p> <p>❖ BIO 201: Human Anatomy and Physiology I OR EXW 100: Introduction to Health and Wellness (SB) OR MAT 142: College Mathematics (MA) OR PGS 101: Introduction to Psychology (SB)</p>	6-7	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16-17		
Term 2 17 - 31 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
<p><i>Complete 2 courses:</i></p> <p>❖ BIO 201: Human Anatomy and Physiology I OR BIO 202: Human Anatomy and Physiology II (SG) OR EXW 100: Introduction to Health and Wellness (SB) OR MAT 142: College Mathematics (MA) OR PGS 101: Introduction to Psychology (SB)</p>	6-7	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15-16		
Term 3 32 - 44 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
<p>BIO 201: Human Anatomy and Physiology I OR BIO 202: Human Anatomy and Physiology II (SG) OR ❖ EXW 100: Introduction to Health and Wellness (SB) OR EXW 300: Foundations of Exercise and Wellness (SB) OR MAT 142: College Mathematics (MA) OR PGS 101: Introduction to Psychology (SB)</p>	3-4	C	
CHM 101: Introductory Chemistry (SQ)	4	C	
COM 225: Public Speaking (L)	3		
Elective	3		
❖ Complete First-Year Composition requirement.			
❖ Complete Mathematics (MA) requirement.			
Term hours subtotal:	13-14		
Term 4 45 - 56 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
<p>BIO 201: Human Anatomy and Physiology I OR BIO 202: Human Anatomy and Physiology II (SG) OR ❖ EXW 100: Introduction to Health and Wellness (SB) OR EXW 300: Foundations of Exercise and Wellness (SB) OR MAT 142: College Mathematics (MA) OR PGS 101: Introduction to Psychology (SB)</p>	3-4	C	
EXW 310: Computer Skills and Technology for Exercise and Wellness (CS)	3	C	
NTR 241: Human Nutrition	3		
Upper Division Concentration Course	3	C	
Term hours subtotal:	12-13		

Term 5 57 - 71 Credit Hours	Hours	Minimum Grade	Notes
EXW 320: Program Development and Leadership	3	C	
EXW 335: Physical Activity and Fitness Concepts	3		
EXW 342: Health Behavior Change	3	C	
EXW 400: Stress Management for Wellness	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 72 - 86 Credit Hours	Hours	Minimum Grade	Notes
EXW 350: Substance Abuse and Addictive Behavior	3	C	
EXW 498: Epidemiology	3	C	
EXW 442: Physical Activity in Health and Disease (L)	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 7 87 - 101 Credit Hours	Hours	Minimum Grade	Notes
EXW 446: Health Promotion and Program Evaluation	3	C	
EXW 450: Cultural and Social Issues in Exercise and Wellness ((L or SB) & C)	3	C	
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 8 102 - 120 Credit Hours	Hours	Minimum Grade	Notes
EXW 484: Internship	6	C	
Upper Division Elective	3		
Complete 3 courses: Elective	10		
Term hours subtotal:	19		

Concentration Course
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
BUA 330: Organizational Leadership
BUA 381: Small Business Accounting and Finance
BUA 382: Small Business Sales and Market Development
BUA 383: Small Business Working Relationships
ENG 301: Writing for the Professions (L)
EXW 311: Special Populations in Exercise and Wellness
EXW 315: Physiological Foundations of Movement
EXW 330: Kinesiological Foundations of Movement
EXW 380: Body Image and Wellness
EXW 394: Special Topics
EXW 420: Exercise Testing
EXW 425: Exercise Prescription

EXW 460: Resistance Training Application and Theory

EXW 493: Honors Thesis (L)

EXW 494: Special Topics

EXW 499: Individualized Instruction

HSC 300: Complementary Healthcare

NTR 340: Applications in Human Nutrition

NTR 341: Introduction to Planning Therapeutic Diets

NTR 345: Development of Healthy Cuisines

NTR 346: Sports Nutrition

NTR 348: Cultural Aspects of Food (SB & C & G)

NTR 350: Nutrition Counseling (SB)

NTR 351: Nutrition and Health Communications (L)

NTR 394: Special Topics

NTR 440: Advanced Human Nutrition I

NTR 450: Nutrition in the Life Cycle I (SB)

NTR 451: Nutrition in the Life Cycle II

NTR 494: Special Topics

PGS 350: Social Psychology (SB)

SOC 424: Women and Health (SB)

SOC 427: Sociology of Health and Illness (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition











General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Health Sciences (Health Policy), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

NUHSCPBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		
Term 2 15 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HSC 210: Cultural Aspects of Health	3	C	
 PGS 101: Introduction to Psychology (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PHI 101: Introduction to Philosophy (HU)	3		
Historical Awareness (H)	3		
Term hours subtotal:	15		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 NTR 100: Introductory Nutrition OR NTR 241: Human Nutrition	3	C	
TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete First-Year Composition requirement.			
Term hours subtotal:	16		
Term 4 46 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 301: Writing for the Professions (L) OR NTR 351: Nutrition and Health Communications (L) OR TWC 301: General Principles of Multimedia Writing (L) OR TWC 347: Written Communication for Managers (L) OR TWC 446: Technical and Scientific Reports (L) OR Upper Division Literacy and Critical Inquiry (L)	3	C	
 SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR SWU 321: Statistics for Social Workers (CS) OR Computer/Statistics/Quantitative Applications (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		
Term 5 61 - 75 Credit Hours	Hours	Minimum Grade	Notes
HSC 300: Complementary Healthcare	3	C	

HSC 320: Applied Medical/Healthcare Ethics (HU)	3	C
PAF 300: Public Management and Administration	3	C
<i>Complete 2 courses:</i> Elective	6	
Term hours subtotal:	15	

Term 6 76 - 90 Credit Hours	Hours	Minimum Grade	Notes
HSC 330: Healthcare Systems in the U.S.	3	C	
HSC 420: Evaluation of Health Sciences Research	3		
PAF 340: Public Management and Policy	3	C	
<i>Complete 2 courses:</i> Elective	6		
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
HSC 394: Healthcare Legislation	3	C	
PAF 460: Public Service Ethics	3	C	
TCL 327: Health and Migration (SB)	3	C	
Elective	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
HSC 494: Legal Issues in Healthcare Professionals	3	C	
SOC 427: Sociology of Health and Illness (SB)	3		
<i>Complete 2 courses:</i> Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Medical/Technical Writing Communications	Suggested General Studies	Minor in Nonprofit Administration
ENG 301: Writing for the Professions (L)	ALD 420: Health Issues and Older Adults (SB)	NLM 160: Voluntary Action and Community Leadership (SB)
NTR 351: Nutrition and Health Communications (L)	BIO 100: The Living World (SQ)	NLM 220: Introduction to Nonprofit Organizations
TWC 301: General Principles of Multimedia Writing (L)	BIO 181: General Biology I (SQ)	NLM 300: Fund Raising and Resource Development
TWC 347: Written Communication for Managers (L)	BIO 201: Human Anatomy and Physiology I	NLM 301: Sustainable Communities
TWC 401: Principles of Technical Communication (L)	BIO 318: History of Medicine (H)	NLM 302: Inclusive Community Development (C)
TWC 446: Technical and Scientific Reports (L)	CHM 101: Introductory Chemistry (SQ)	NLM 310: Volunteer Management
	PHI 103: Principles of Sound Reasoning (L or HU)	NLM 435: Service Learning for Community Development
	SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)	NLM 494: Special Topics
	SOC 424: Women and Health (SB)	PRM 424: Recreation Program Management
	SOC 427: Sociology of Health and Illness (SB)	
Suggested Electives		
EXW 444: Epidemiology		
HSM 220: Health Care Organizations (H)		
IED 494: Role of Tribal, State & Fed Gov in IED		
MGT 310: Collaborative Team Skills		
PGS 451: Stereotyping, Prejudice, and Discrimination (L)		

POS 220: Political Issues and Public Policy
(SB)

POS 325: Public Policy Development (SB)

TCL 321: Transborder Community
Development and Health

TCL 323: Latino Health Issues (SB & C)

TCL 326: Health of Chicanas and Latinas (SB
& C)

TCL 422: U.S.-Mexico Border Health

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition












General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Health Sciences (Healthy Lifestyles Coaching), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

NUHSCHLCBS

Term 1	0 - 14 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	CHM 101: Introductory Chemistry (SQ)		4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
	ASU 101: The ASU Experience		1		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	MAT 142: College Mathematics (MA)		3	C	
	Humanities, Fine Arts and Design (HU)		3		
	Term hours subtotal:		14		
Term 2	15 - 29 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	HSC 210: Cultural Aspects of Health		3	C	
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	PGS 101: Introduction to Psychology (SB)		3		
	PHI 101: Introduction to Philosophy (HU)		3	C	
	Historical Awareness (H)		3		
	Term hours subtotal:		15		
Term 3	30 - 45 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	BIO 201: Human Anatomy and Physiology I (SG)		4	C	
	ENG 215 OR ENG 216 OR ENG 301 OR TWC 301 OR TWC 347 OR TWC 401 OR Upper Division Literacy and Critical Inquiry (L)		3	C	
	Computer/Statistics/Quantitative Applications (CS)		3	C	
	Complete 2 courses: Elective OR Minor Course		6		
	Complete First-Year Composition requirement.				
	Complete Mathematics (MA) requirement.				
	Term hours subtotal:		16		
Term 4	46 - 61 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	BIO 202: Human Anatomy and Physiology II (SG)		4	C	
	NTR 241: Human Nutrition		3	C	
	EXW 100: Introduction to Health and Wellness (SB)		3	C	
	Complete 2 courses: Elective OR Minor Course		6		
	Term hours subtotal:		16		
Term 5	62 - 76 Credit Hours		Hours	Minimum Grade	Notes
	EXW 325: Fitness for Life		3	C	
	HSC 300: Complementary Healthcare		3	C	

NTR 340: Applications in Human Nutrition	3	C
NTR 345: Development of Healthy Cuisines	3	
NTR 348: Cultural Aspects of Food (SB & C & G)	3	C
Term hours subtotal:	15	

Term 6 77 - 91 Credit Hours	Hours	Minimum Grade	Notes
EXW 342: Health Behavior Change	3	C	
EXW 350: Substance Abuse and Addictive Behavior	3	C	
NTR 350: Nutrition Counseling (SB)	3	C	
NTR 351: Nutrition and Health Communications (L)	3	C	
Elective OR Minor Course	3		
Term hours subtotal:	15		

Term 7 92 - 106 Credit Hours	Hours	Minimum Grade	Notes
EXW 400: Stress Management for Wellness	3	C	
HSC 320: Applied Medical/Healthcare Ethics	3	C	
HSC 330: Healthcare Systems in the U.S.	3	C	
HSC 494: Special Topics	3	C	
Elective OR Minor Course	3		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours	Hours	Minimum Grade	Notes
HSC 420: Evaluation of Health Sciences Research	3	C	
HSC 499: Individualized Instruction	2	C	
NTR 450: Nutrition in the Life Cycle I (SB)	3	C	
Upper Division Elective	3		
Elective OR Minor Course	3		
Term hours subtotal:	14		

Minor in Nonprofit Administration	Medical/Technical Writing Communications	Suggested General Studies
NLM 160: Voluntary Action and Community Leadership (SB)	ENG 215: Strategies of Academic Writing (L)	PHI 103: Principles of Sound Reasoning (L or HU)
NLM 220: Introduction to Nonprofit Organizations	ENG 216: Persuasive Writing on Public Issues (L)	MIC 205: Microbiology (SG)
NLM 300: Fund Raising and Resource Development	ENG 301: Writing for the Professions (L)	CDE 232: Human Development (SB)
NLM 301: Sustainable Communities	TWC 301: General Principles of Multimedia Writing (L)	SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
NLM 302: Inclusive Community Development (C)	TWC 347: Written Communication for Managers (L)	SOC 427: Sociology of Health and Illness (SB)
NLM 310: Volunteer Management	TWC 401: Principles of Technical Communication (L)	
NLM 435: Service Learning for Community Development	TWC 446: Technical and Scientific Reports (L)	
NLM 494: Special Topics		
PRM 424: Recreation Program Management		
Suggested Electives		
EXW 380: Body Image and Wellness		
NTR 300: Computer Applications in Nutrition (CS)		
NTR 346: Sports Nutrition		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition












General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Health Sciences (Pre-professional), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

NUHSCPREBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PHI 101: Introduction to Philosophy (HU)	3	C	
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Social and Behavioral Sciences (SB) AND Global Awareness (G) OR Social and Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		
Term 2 15 - 28 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> Pre-Pharmacy students are approved to substitute MAT 251 with MAT 270 Calculus with Analytic Geometry I (4) [MA]
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	14		
Term 3 29 - 42 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> Pre-Veterinary students are approved to substitute BIO 201 with BIO 360 Animal Physiology (3) and a 1 credit hour elective
 CHM 116: General Chemistry II (SQ)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
Term 4 43 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"> Pre-Veterinary students are approved to substitute BIO 202 with BIO 331 Animal Behavior (3) and a 1 credit hour elective Pre-Veterinary students are approved to substitute NTR 241 with ABS 378 Wildlife Nutrition (3)
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
NTR 241: Human Nutrition	3	C	
Upper Division Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Upper Division Social and Behavioral Sciences (SB) AND Global Awareness (G) OR Upper Division Social and Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	18		
Term 5 61 - 77 Credit Hours	Hours	Minimum Grade	Notes

CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C
HSC 420: Evaluation of Health Sciences Research	3	C
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C
Upper Division Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Upper Division Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3	
Upper Division Elective	3	
Term hours subtotal:	17	

Term 6 78 - 91 Credit Hours	Hours	Minimum Grade	Notes
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
HSC 300: Complementary Healthcare	3	C	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Upper Division Elective	3		
Term hours subtotal:	14		

Term 7 92 - 107 Credit Hours	Hours	Minimum Grade	Notes
BCH 361: Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	4	C	
HSC 320: Applied Medical/Healthcare Ethics	3	C	
Upper Division Medical/Technical Writing Communications AND Upper Division Literacy and Critical Inquiry (L)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	16		

Term 8 108 - 120 Credit Hours	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	
HSC 400: Practicum in Health Sciences	3	C	
Upper Division Elective	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	13		

Medical/Technical Writing Communications	Suggested General Studies
ENG 301: Writing for the Professions (L)	ALD 420: Health Issues and Older Adults (SB)
NTR 351: Nutrition and Health Communications (L)	BIO 318: History of Medicine (H)
TWC 301: General Principles of Multimedia Writing (L)	PGS 101: Introduction to Psychology (SB)
TWC 347: Written Communication for Managers (L)	PHI 103: Principles of Sound Reasoning (L or HU)
TWC 401: Principles of Technical Communication (L)	SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
TWC 446: Technical and Scientific Reports (L)	SOC 424: Women and Health (SB)
	SOC 427: Sociology of Health and Illness (SB)
	GRN 420: Health Issues and Older Adults (SB)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend
 General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

General Studies Awareness Requirements:

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

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

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

First-Year Composition













General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Kinesiology, BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

NUKINBS

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 KIN 101: Introduction to Kinesiology	3	B-	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1	C	
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
KIN 194: Forager/Couch Potato: Obesity/Diabetes Epidemics OR Social and Behavioral Sciences (SB)	3	C	
MAT 170: Precalculus (MA) OR Elective	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Minimum 3.00 GPA in KIN.			
Term hours subtotal:	17		
Term 2 18 - 31 Credit Hours	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	
 MAT 251: Calculus for Life Sciences (MA)	3	C	
BIO 182: General Biology II (SG)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Minimum 3.00 GPA in KIN.			
Term hours subtotal:	14		
Term 3 32 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	
 CHM 113: General Chemistry I (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
 PGS 101: Introduction to Psychology (SB)	3	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Minimum 3.00 GPA ASU Cumulative.			
Minimum 3.00 GPA in KIN.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
Term 4 46 - 59 Credit Hours	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG)	4	C	
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
CHM 116: General Chemistry II (SQ) OR Elective	3-4	C	
Global Awareness (G)	3		
Minimum 3.00 GPA ASU Cumulative.			
Minimum 3.00 GPA in KIN.			

Term hours subtotal: 14-15

Term 5 60 - 75 Credit Hours	Hours	Minimum Grade	Notes
KIN 345: Motor and Developmental Learning	3	C	
KIN 352: Psychosocial Aspects of Physical Activity (SB & C)	3	C	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Minimum 3.00 GPA ASU Cumulative.			
Minimum 3.00 GPA in KIN.			
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours	Hours	Minimum Grade	Notes
KIN 335: Biomechanics	3	C	
KIN 340: Physiology of Exercise	3	C	
PSY 290: Research Methods (L or SG)	4	C	
KIN Upper Division Elective	3	C	
Upper Division Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Minimum 3.00 GPA in KIN.			
Term hours subtotal:	16		

Term 7 92 - 104 Credit Hours	Hours	Minimum Grade	Notes
KIN 494: Pre-Internship Workshop	1	C	
PGS 466: Abnormal Psychology (SB)	3	C	
Upper Division KIN course (L)	3	C	
KIN Upper Division Elective	3	C	
Upper Division Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Minimum 3.00 GPA in KIN.			
Term hours subtotal:	13		

- The following courses will satisfy a Literacy (L) and Additional KIN List Course: KIN 414, 421, 422, 423, 441, 443, 448, 460

Term 8 105 - 120 Credit Hours	Hours	Minimum Grade	Notes
KIN 484: Internship	3	C	
Complete 3 courses: KIN Upper Division Elective	9	C	
Upper Division Elective	4		
Minimum 3.00 GPA ASU Cumulative.			
Minimum 3.00 GPA in KIN.			
Term hours subtotal:	16		

KIN Upper Division Elective

KIN 334: Functional Anatomy and Kinesiology

KIN 412: Biomechanics of the Skeletal System

KIN 413: Qualitative Analysis in Sport Biomechanics

KIN 414: Electromyographic Kinesiology (L)

KIN 421: Human Motor Control (L)

KIN 422: Motor Control in Special Populations (L)

KIN 423: Motor Control and Aging (L)

KIN 440: Exercise Biochemistry

KIN 441: Physiology of Women in Sport (L)

KIN 442: Fuel Metabolism

KIN 443: Exercise Endocrinology (L)

KIN 444: Metabolic Adaptations to Exercise Training

KIN 445: Exercise Physiology for Children and Adolescents

KIN 450: Biopsychosocial Perspectives on Physical Activity and Health

KIN 452: Exercise Psychology (SB)

KIN 460: Theory of Strength Training (L)

KIN 492: Research

KIN 493: Honors Thesis (L)

KIN 494: EKG Interpretation, Muscle Physiology

KIN 498: Kinesiology and the Future

KIN 499: Individualized Instruction

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

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

General Studies Awareness Requirements:

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

First-Year Composition

















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Nutrition (Dietetics), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

ECNTRDBS

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ)	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Minimum grade of C required for Didactic Program in Dietetics (DPD) verification statement
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 NTR 150: Introduction to the Professions in Nutrition and Dietetics	1	C	
 PGS 101: Introduction to Psychology (SB)	3	C	
ASU 101: The ASU Experience	1		
MAT 142: College Mathematics (MA)	3		
 Maintain 2.00 GPA in Critical Tracking Courses. Minimum 2.75 GPA ASU Cumulative.			
Term hours subtotal:	15		
Term 2 16 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 NTR 241: Human Nutrition	3	C	
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Social and Behavioral Sciences (SB) AND Global Awareness (G) OR Social and Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Minimum 2.75 GPA ASU Cumulative.			
Term hours subtotal:	15		
Term 3 31 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	
NTR 341: Introduction to Planning Therapeutic Diets	3	C	
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 47 - 62 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG)	4	C	
 NTR 142: Applied Food Principles	3	C	
ENG 301: Writing for the Professions (L) OR NTR 351: Nutrition and Health Communications (L) OR TWC 301: General Principles of Multimedia Writing (L)	3	C	

Computer/Statistics/Quantitative Applications (CS)	3	C
Elective	3	
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 5 63 - 76 Credit Hours	Hours	Minimum Grade	Notes
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
NTR 343: Food Service Purchasing	3	C	
NTR 344: Nutrition Services Management (L)	3	C	
Term hours subtotal:	14		

Term 6 77 - 92 Credit Hours	Hours	Minimum Grade	Notes
BCH 361: Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	4	C	
NTR 340: Applications in Human Nutrition	3	C	
NTR 350: Nutrition Counseling (SB)	3	C	
NTR 444: Medical Nutrition Therapy	3	C	
Elective	3		
Term hours subtotal:	16		

Term 7 93 - 107 Credit Hours	Hours	Minimum Grade	Notes
NTR 440: Advanced Human Nutrition I	3	C	
NTR 445: Management of Food Service Systems	3	C	
NTR 450: Nutrition in the Life Cycle I (SB)	3	C	
NTR 448: Community Nutrition (L)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours	Hours	Minimum Grade	Notes
NTR 400: Preprofessional Preparation in Dietetics	3	C	
NTR 441: Advanced Human Nutrition II	3	C	
NTR 446: Human Nutrition Assessment Lecture/Laboratory	3	C	
Elective	3		
Elective	1		
Term hours subtotal:	13		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Nutrition (Food & Nutrition Management), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

ECNTRMBS

Term 1 0 - 14 Credit Hours	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1		<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
MAT 142: College Mathematics (MA)	3		
❗ ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PGS 101: Introduction to Psychology (SB)	3		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
NTR 150: Introduction to the Professions in Nutrition and Dietetics OR Elective	1		
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
❗ CHM 101: Introductory Chemistry (SQ)	4	C	
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		
Term 3 31 - 45 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ NTR 100: Introductory Nutrition OR NTR 241: Human Nutrition	3	C	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4		
Complete 3 courses: Elective	8		
❗ Complete First-Year Composition requirement.			
❗ Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 46 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ NTR 142: Applied Food Principles	3	C	
Upper Division Social and Behavioral Sciences (SB) OR Upper Division Humanities, Fine Arts and Design (HU) AND Historical Awareness (H) OR Cultural Diversity in the U.S. (C) OR Global Awareness (G)	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		
Term 5 61 - 75 Credit Hours	Hours	Minimum Grade	Notes

NTR 345: Development of Healthy Cuisines	3	C
NTR 344: Nutrition Services Management (L)	3	C
BUA 381: Small Business Accounting and Finance	3	
Upper Division Elective	3	
Elective	3	
Term hours subtotal:	15	

Term 6 76 - 90 Credit Hours	Hours	Minimum Grade	Notes
NTR 300: Computer Applications in Nutrition (CS)	3	C	
ENG 301: Writing for the Professions (L) OR TWC 301: General Principles of Multimedia Writing (L)	3		
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
NTR 343: Food Service Purchasing	3	C	
NTR Upper Division Elective	3	C	
BUA 380: Small Business Leadership OR MGT 300: Organization and Management Leadership OR MGT 380: Management and Strategy for Nonmajors OR MGT 394: Special Topics	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
NTR 401: Professional Practice in Food Service Management	3	C	
NTR 445: Management of Food Service Systems	3	C	
BUA 382: Small Business Sales and Market Development OR MKT 300: Marketing and Business Performance OR MKT 394: Special Topics OR MKT 395: Essentials of Advertising and Marketing Communication	3		
NTR 442: Experimental Functional Foods	3	C	
Elective	3		
Term hours subtotal:	15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

 First-Year Composition











General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Nutrition (Nutrition Communication), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

ECNTRCBS

Term 1	0 - 14 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
	ASU 101: The ASU Experience		1		
	MAT 142: College Mathematics (MA)		3		
	NTR 150: Introduction to the Professions in Nutrition and Dietetics OR Elective		1		
	Humanities, Fine Arts and Design (HU)		3		
	Elective		3		
	Maintain 2.00 GPA in Critical Tracking Courses.				
	Term hours subtotal:		14		
Term 2	15 - 30 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	CHM 101: Introductory Chemistry (SQ)		4	C	
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)		3		
	Complete 2 courses: Elective		6		
	Term hours subtotal:		16		
Term 3	31 - 45 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	NTR 100: Introductory Nutrition OR NTR 241: Human Nutrition		3	C	
	Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB)		3		
	Complete 3 courses: Elective		9		
	Complete First-Year Composition requirement.				
	Complete Mathematics (MA) requirement.				
	Term hours subtotal:		15		
Term 4	46 - 60 Credit Hours		Hours	Minimum Grade	Notes
	NTR 142: Applied Food Principles		3		
	Complete 2 courses: MCO 120: Media and Society (SB) OR MCO 240: Media Issues in American Pop Culture OR MCO 418: History of Mass Communication (SB & H) OR MCO 430: International Mass Communication (G) OR MCO 460: Race, Gender, and Media (C) OR TWC 301: General Principles of Multimedia Writing (L) OR TWC 401: Principles of Technical Communication (L) OR TWC 411: Principles of Visual Communication (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 412: Creative Nonfiction OR ENG 475: Popular Periodical Writing OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 316: Gender and Communication (SB & C) OR COM 320: Communication and Consumerism (SB) OR FMS 351: Emerging Digital Media (L) OR MCO 435: Social Media		6		
	Statistics Course (CS)		3		

Elective	3
Term hours subtotal:	15

Term 5 61 - 74 Credit Hours	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4		
NTR 320: History of Human Nutrition	3	C	
NTR 345: Development of Healthy Cuisines	3	C	
ENG 301: Writing for the Professions (L) OR TWC 301: General Principles of Multimedia Writing (L)	3		
Elective	1		
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours	Hours	Minimum Grade	Notes
NTR 348: Cultural Aspects of Food (SB & C & G)	3	C	
NTR 300: Computer Applications in Nutrition (CS)	3	C	
BIO 202: Human Anatomy and Physiology II (SG)	4		
MCO 418: History of Mass Communication (SB & H) OR MCO 430: International Mass Communication (G) OR MCO 435: Social Media OR MCO 460: Race, Gender, and Media (C) OR TWC 301: General Principles of Multimedia Writing (L) OR TWC 401: Principles of Technical Communication (L) OR TWC 411: Principles of Visual Communication (L) OR ENG 412: Creative Nonfiction OR ENG 475: Popular Periodical Writing OR COM 316: Gender and Communication (SB & C) OR COM 320: Communication and Consumerism (SB) OR FMS 351: Emerging Digital Media (L)	3		
Elective	3		
Term hours subtotal:	16		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
NTR 351: Nutrition and Health Communications (L)	3	C	
NTR 450: Nutrition in the Life Cycle I (SB)	3	C	
<i>Complete 2 courses:</i> MCO 418: History of Mass Communication (SB & H) OR MCO 430: International Mass Communication (G) OR MCO 435: Social Media OR MCO 460: Race, Gender, and Media (C) OR TWC 301: General Principles of Multimedia Writing (L) OR TWC 401: Principles of Technical Communication (L) OR TWC 411: Principles of Visual Communication (L) OR ENG 412: Creative Nonfiction OR ENG 475: Popular Periodical Writing OR COM 316: Gender and Communication (SB & C) OR COM 320: Communication and Consumerism (SB) OR FMS 351: Emerging Digital Media (L)	6		
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
NTR 448: Community Nutrition (L)	3	C	
NTR 401: Professional Practice in Food Service Management	3	C	
NTR 494: Nutrition in the Media	3	C	
MCO 418: History of Mass Communication (SB & H) OR MCO 430: International Mass Communication (G) OR MCO 435: Social Media OR MCO 460: Race, Gender, and Media (C) OR TWC 301: General Principles of Multimedia Writing (L) OR TWC 401: Principles of Technical Communication (L) OR TWC 411: Principles of Visual Communication (L) OR ENG 412: Creative Nonfiction OR ENG 475: Popular Periodical Writing OR COM 316: Gender and Communication (SB & C) OR COM 320: Communication and Consumerism (SB) OR FMS 351: Emerging Digital Media (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Statistics Course (CS)

ABS 350: Applied Statistics (CS)

AGB 360: Agribusiness Statistics (CS)

PSY 230: Introduction to Statistics (CS)

SBS 304: Social Statistics I (CS)

SOC 390: Social Statistics I (CS)

STP 220: Conceptual Statistics

SWU 321: Statistics for Social Workers (CS)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Nutrition (Human Nutrition), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

ECNTRHBS

Term 1 0 - 15 Credit Hours	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students. CHM 101 or 113 depending on preparation; see course description
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 170: Precalculus (MA)	3		
NTR 150: Introduction to the Professions in Nutrition and Dietetics OR Elective	1		
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Social and Behavioral Sciences (SB) AND Global Awareness (G) OR Social and Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		
Term 2 16 - 31 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> CHM 113 and 116 are prerequisites for CHM 233 in term 3
NTR 241: Human Nutrition	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		
Term 3 32 - 45 Credit Hours Critical course signified by	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
Term 4 46 - 59 Credit Hours	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4		
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4		
NTR 142: Applied Food Principles	3		
Elective	3		
Term hours subtotal:	14		
Term 5 60 - 73 Credit Hours	Hours	Minimum Grade	Notes

NTR 341: Introduction to Planning Therapeutic Diets	3	C
NTR 450: Nutrition in the Life Cycle I (SB)	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3	
Upper Division Elective	2	
Term hours subtotal:	14	

Term 6 74 - 89 Credit Hours	Hours	Minimum Grade	Notes
BCH 361: Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	4	C	
NTR 340: Applications in Human Nutrition	3	C	
NTR 444: Medical Nutrition Therapy	3	C	
Elective	3		
Upper Division Elective	3		
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours	Hours	Minimum Grade	Notes
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4		
NTR 300: Computer Applications in Nutrition (CS) OR Computer/Statistics/Quantitative Applications (CS)	3		
NTR 346: Sports Nutrition	3	C	
NTR 440: Advanced Human Nutrition I	3	C	
Upper Division Elective	3		
Term hours subtotal:	16		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
NTR 441: Advanced Human Nutrition II	3	C	
NTR 446: Human Nutrition Assessment Lecture/Laboratory	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

 First-Year Composition











General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Nutrition (Nutrition Communication), BS

School of Nutrition and Health Promotion

Campus: Downtown Phoenix

ECNTRCBS

Term 1	0 - 14 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students
	ASU 101: The ASU Experience		1		
	MAT 142: College Mathematics (MA)		3		
	NTR 150: Introduction to the Professions in Nutrition and Dietetics OR Elective		1		
	Humanities, Fine Arts and Design (HU)		3		
	Elective		3		
	Maintain 2.00 GPA in Critical Tracking Courses.				
	Term hours subtotal:		14		
Term 2	15 - 30 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	CHM 101: Introductory Chemistry (SQ)		4	C	
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)		3		
	Complete 2 courses: Elective		6		
	Term hours subtotal:		16		
Term 3	31 - 45 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	NTR 100: Introductory Nutrition OR NTR 241: Human Nutrition		3	C	
	Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB)		3		
	Complete 3 courses: Elective		9		
	Complete First-Year Composition requirement.				
	Complete Mathematics (MA) requirement.				
	Term hours subtotal:		15		
Term 4	46 - 60 Credit Hours		Hours	Minimum Grade	Notes
	NTR 142: Applied Food Principles		3		
	Complete 2 courses: MCO 120: Media and Society (SB) OR MCO 240: Media Issues in American Pop Culture OR MCO 418: History of Mass Communication (SB & H) OR MCO 430: International Mass Communication (G) OR MCO 460: Race, Gender, and Media (C) OR TWC 301: General Principles of Multimedia Writing (L) OR TWC 401: Principles of Technical Communication (L) OR TWC 411: Principles of Visual Communication (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 412: Creative Nonfiction OR ENG 475: Popular Periodical Writing OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 316: Gender and Communication (SB & C) OR COM 320: Communication and Consumerism (SB) OR FMS 351: Emerging Digital Media (L) OR MCO 435: Social Media		6		
	Statistics Course (CS)		3		

Elective	3
Term hours subtotal:	15

Term 5 61 - 74 Credit Hours	Hours	Minimum Grade	Notes
BIO 201: Human Anatomy and Physiology I (SG)	4		
NTR 320: History of Human Nutrition	3	C	
NTR 345: Development of Healthy Cuisines	3	C	
ENG 301: Writing for the Professions (L) OR TWC 301: General Principles of Multimedia Writing (L)	3		
Elective	1		
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours	Hours	Minimum Grade	Notes
NTR 348: Cultural Aspects of Food (SB & C & G)	3	C	
NTR 300: Computer Applications in Nutrition (CS)	3	C	
BIO 202: Human Anatomy and Physiology II (SG)	4		
MCO 418: History of Mass Communication (SB & H) OR MCO 430: International Mass Communication (G) OR MCO 435: Social Media OR MCO 460: Race, Gender, and Media (C) OR TWC 301: General Principles of Multimedia Writing (L) OR TWC 401: Principles of Technical Communication (L) OR TWC 411: Principles of Visual Communication (L) OR ENG 412: Creative Nonfiction OR ENG 475: Popular Periodical Writing OR COM 316: Gender and Communication (SB & C) OR COM 320: Communication and Consumerism (SB) OR FMS 351: Emerging Digital Media (L)	3		
Elective	3		
Term hours subtotal:	16		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
NTR 351: Nutrition and Health Communications (L)	3	C	
NTR 450: Nutrition in the Life Cycle I (SB)	3	C	
<i>Complete 2 courses:</i> MCO 418: History of Mass Communication (SB & H) OR MCO 430: International Mass Communication (G) OR MCO 435: Social Media OR MCO 460: Race, Gender, and Media (C) OR TWC 301: General Principles of Multimedia Writing (L) OR TWC 401: Principles of Technical Communication (L) OR TWC 411: Principles of Visual Communication (L) OR ENG 412: Creative Nonfiction OR ENG 475: Popular Periodical Writing OR COM 316: Gender and Communication (SB & C) OR COM 320: Communication and Consumerism (SB) OR FMS 351: Emerging Digital Media (L)	6		
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
NTR 448: Community Nutrition (L)	3	C	
NTR 401: Professional Practice in Food Service Management	3	C	
NTR 494: Nutrition in the Media	3	C	
MCO 418: History of Mass Communication (SB & H) OR MCO 430: International Mass Communication (G) OR MCO 435: Social Media OR MCO 460: Race, Gender, and Media (C) OR TWC 301: General Principles of Multimedia Writing (L) OR TWC 401: Principles of Technical Communication (L) OR TWC 411: Principles of Visual Communication (L) OR ENG 412: Creative Nonfiction OR ENG 475: Popular Periodical Writing OR COM 316: Gender and Communication (SB & C) OR COM 320: Communication and Consumerism (SB) OR FMS 351: Emerging Digital Media (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Statistics Course (CS)

ABS 350: Applied Statistics (CS)

AGB 360: Agribusiness Statistics (CS)

PSY 230: Introduction to Statistics (CS)

SBS 304: Social Statistics I (CS)

SOC 390: Social Statistics I (CS)

STP 220: Conceptual Statistics

SWU 321: Statistics for Social Workers (CS)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition











General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Criminal Justice & Criminology, BS

College of Public Programs

Campus: Downtown Phoenix, Online

PPCRIMJBS

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CRJ 100: Introduction to Criminal Justice (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 is for ASU freshman students only and is not required for transfer students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social and Behavioral Sciences (SB) AND Global Awareness (G) OR Social and Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	17		
Term 2 18 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CRJ 201: Criminal Justice Crime Control Policies and Practices OR CRJ 225: Introduction to Criminology	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
PGS 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) OR Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CRJ 201: Criminal Justice Crime Control Policies and Practices OR CRJ 225: Introduction to Criminology	3	C	
CRJ 2** Elective	3	C	
Interdisciplinary Requirement	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CRJ 303: Statistical Analysis (CS)	3	C	
CRJ 2** Elective	3	C	
Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
CRJ 302: Research Methods	3	C	
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		

Interdisciplinary Requirement	3	
Upper Division Related Area Course	3	C
Elective	3	
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
CRJ 308: Advanced Criminological Theory	3	C	
CRJ 470: Discretionary Justice (L or SB) OR Upper Division Literacy and Critical Inquiry (L)	3	C	
Complete 2 courses: CRJ 3** Elective OR CRJ 4** Elective	6	C	
Upper Division Related Area Course	3	C	
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
CRJ 305: Gender, Crime, and Criminal Justice (C) OR CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	3	C	
CRJ 3** Elective OR CRJ 4** Elective	3	C	
CRJ 4** Elective	3	C	
Upper Division Related Area Course	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: CRJ 4** Elective	6	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

- Public Programs interdisciplinary requirement (must complete 3 courses from the following list).
 - Courses must be taken in at least two different areas.
 - It is recommended that courses at the 300 and 400 level be taken in terms 5-8.
 - These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Related Area Courses	Area 1	Area 2
AFS 301: Race and Racism in Africa/African Diaspora (SB & G)	PRM 120: Leisure and the Quality of Life (SB)	URB 240: Urban Policy (C)
AMS 412: Immigration and Human Rights	PRM 380: Wilderness and Parks in America (SB & H)	URB 300: Urban and Metropolitan Studies
ASB 410: Poverty, Social Justice, and Global Health (L or SB) & G)		PAF 410: Building Leadership Skills (SB)
ASM 459: Course not found		PAF 411: Leadership and Change (SB)
BIO 305: Biology Behind the Crime Scene (SG)		
COM 326: Court Room Oratory		
COM 325: Advanced Public Speaking (L)		
COM 312: Communication, Conflict, and Negotiation		
ENG 302: Business Writing (L)		
ENG 311: Persuasive Writing (L)		
FMS 468: Crime and Violence in American Film (HU)		

HST 322: Constitutional History of the United States Since 1865 (SB & H)
HST 325: Immigration and Ethnicity in the United States (SB & H & C)
HST 327: Women in US History 1600 to 1880 ((HU or SB) & C & H)
HST 328: Women in US History, 1880-1980 ((HU or SB) & C & H)
JUS 320: Community and Social Justice (SB & C)
JUS 350: Immigration and Justice (SB & C)
JUS 410: Punishment: Logic and Approach
JUS 432: Racial Justice (L)
JUS 465: Death Penalty in the United States (L)
PAF 410: Building Leadership Skills (SB)
PAF 411: Leadership and Change (SB)
PGS 350: Social Psychology (SB)
PHI 309: Social and Political Philosophy (HU)
PHI 307: Philosophy of Law (HU)
PHI 360: Business and Professional Ethics (HU)
PHI 406: Moral Dilemmas (L or HU)
POS 346: Problems of Democracy (HU)
POS 442: American Political Thought (HU)
POS 325: Public Policy Development (SB)
POS 370: Law and Society (SB)
POS 472: Constitutional Law II (SB)
REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)
REL 381: Religion and Moral Issues (L or HU)
SOC 340: The Sociology of Deviance (SB)
SOC 360: Sociological Psychology (SB)
SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G)
SGS 394: Violence/Conflict/Human Right
SWU 494: Immigrants and Refugees
TCL 314: Transborder Regional Immigration and Economy ((L or SB) & H & C)
URB 300: Urban and Metropolitan Studies
URB 305: Urban Governance
URB 410: Urban Leadership and Collaborative Skills
Area 3
SWU 171: Introduction to Social Work (SB & H)
SWU 250: Stress Management Tools (SB)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

General Studies Awareness Requirements:

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

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

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












First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Nonprofit Leadership & Management, BS

College of Public Programs

Campus: Downtown Phoenix **WUE**
PPNLMBS

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 NLM 160: Voluntary Action and Community Leadership (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 is for ASU freshman students only and is not required for transfer students
 SOC 101: Introductory Sociology (SB)	3	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
NLM 191: First-Year Seminar	1	C	
MAT 142: College Mathematics (MA)	3		
Interdisciplinary Requirement	3		
Milestone: Recommend meeting with advisor to discuss career field experience requirement.			
Term hours subtotal:	17		
Term 2 18 - 33 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 NLM 210: Community Services and Professions	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		
Term 3 34 - 49 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 NLM 220: Introduction to Nonprofit Organizations	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 50 - 64 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	
Related Area Course	3	C	
Interdisciplinary Requirement	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 65 - 79 Credit Hours	Hours	Minimum Grade	Notes
NLM 301: Sustainable Communities	3	C	
NLM 302: Inclusive Community Development (C)	3	C	
NLM 310: Volunteer Management	3	C	
NLM 380: Financial Management for Nonprofit Organizations	3	C	
NLM 410: Social Entrepreneurship	3	C	
Term hours subtotal:	15		

Term 6 80 - 94 Credit Hours	Hours	Minimum Grade	Notes
NLM 300: Fund Raising and Resource Development	3	C	
PRM 303: Program Planning (L)	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Related Area Course	6	C	
Term hours subtotal:	15		

Term 7 95 - 108 Credit Hours	Hours	Minimum Grade	Notes
NLM 402: Assessment and Evaluation of Community Services	3	C	
NLM 403: Pre-Internship Workshop	3	C	
NLM 430: Managing Nonprofit Organizations	3	C	
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	14		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
NLM 463: Senior Internship	12	C	
Term hours subtotal:	12		

- Public Programs interdisciplinary requirement (must complete 3 courses from the following list).
 - Courses must be taken in at least two different areas.
 - It is recommended that courses at the 300 and 400 level be taken in terms 5-8*.
 - These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).
- NLM Related Area: must complete 3 courses from the following list.

Area 3	NLM Related Area	Area 1
SWU 171: Introduction to Social Work (SB & H)	ACC 382: Accounting and Financial Analysis	CRJ 100: The Justice System (SB)
SWU 250: Stress Management Tools (SB)	COM 259: Communication in Business and the Professions	
	COM 263: Elements of Intercultural Communication (SB & C & G)	
	MGT 380: Management and Strategy for Nonmajors	
	MKT 395: Essentials of Advertising and Marketing Communication	
	NLM 320: Professional Development Seminar	
	NLM 420: American Humanities Institute	
	NLM 435: Service Learning for Community Development	
	PRM 304: Recreation Planning and Facility Development	
	PRM 486: Special Events Management	

PGS 350: Social Psychology (SB)

SOC 241: Modern Social Problems (SB)

TDM 345: Meeting and Convention Planning

TDM 448: Heritage and Cultural Tourism

Area 2

URB 240: Urban Policy (C)

URB 300: Urban and Metropolitan Studies

PAF 410: Building Leadership Skills (SB)

PAF 411: Leadership and Change (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition











General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Parks & Recreation Management, BS

College of Public Programs

Campus: Downtown Phoenix

PPPRMBS

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 PRM 120: Leisure and the Quality of Life (SB)	3	C	
ASU 101: The ASU Experience	1		
PRM 191: First-Year Seminar	1	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Humanities, Fine Arts and Design (HU)	3		
Milestone: Recommend meeting with advisor to discuss career field experience requirement.			
Term hours subtotal:	17		
Term 2 18 - 33 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 PRM 210: Community Services and Professions.	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		
Term 3 34 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3		
Humanities, Fine Arts and Design (HU)	3		
Global Awareness (G)	3		
Interdisciplinary Requirement	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 49 - 63 Credit Hours	Hours	Minimum Grade	Notes
Social and Behavioral Sciences (SB) OR Humanities, Fine Arts and Design (HU)	3		
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	5		
Term hours subtotal:	15		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
PRM 301: Sustainable Communities	3	C	
PRM 303: Program Planning (L)	3	C	

PRM 304: Recreation Planning and Facility Development	3	C
Complete 2 courses: Upper Division Related Area Course	6	C
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
PRM 302: Inclusive Community Development (C)	3	C	
PRM 380: Wilderness and Parks in America (SB & H)	3	C	
Upper Division Related Area Course	9	C	
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
PRM 401: Tourism Management	3	C	
PRM 402: Assessment and Evaluation of Community Services	3	C	
PRM 403: Pre-Internship Workshop	3	C	
Upper Division Related Area Course	6	C	
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
PRM 463: Senior Internship	12	C	
Term hours subtotal:	12		

- Public Programs interdisciplinary requirement (must complete 3 courses from the following list).
 - Courses must be taken in at least two different areas.
 - It is recommended that courses at the 300 and 400 level be taken in terms 5-8.
 - These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).
- PRM Related Area: Students may choose at least one of three areas, but must complete seven classes in total to complete the PRM Related Area.

Area 1	Area 2	Area 3
CRJ 100: The Justice System (SB)	URB 240: Urban Policy (C)	SWU 171: Introduction to Social Work (SB & H)
	URB 300: Urban and Metropolitan Studies	SWU 250: Stress Management Tools (SB)
	PAF 410: Building Leadership Skills (SB)	
	PAF 411: Leadership and Change (SB)	
PRM Related Area: Special Event Mgmt	PRM Related Area: Comm Rec	PRM Related Area: Nat Rec
PRM 486: Special Events Management	PRM 315: Community Recreation Systems	BIO 319: Environmental Science (Nonmajor) (G)
PRM 487: Advanced Special Events Management	PRM 368: Sports Management	PRM 370: Natural Resource Recreation Planning and Management
TDM 345: Meeting and Convention Planning	PRM 475: Entrepreneurial Recreation and Tourism	PRM 470: Environmental Interpretation and Education
TDM 350: Tourism Marketing		TDM 480: Sustainable Tourism
PRM 488: Event Marketing and Promotion		
PRM Electives		
NLM 300: Fund Raising and Resource Development		
NLM 310: Volunteer Management		
PGS 350: Social Psychology (SB)		
PRM 150: Outdoor Pursuits		
PRM 340: Outdoor Survival		
PUP 301: Introduction to Urban Planning (L)		
TDM 205: Introduction to Travel and Tourism (G)		

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TDM 350: Tourism Marketing
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URB 240: Urban Policy (C)
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PAF 410: Building Leadership Skills (SB)
.....

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.











2011 - 2012 Major Map Parks & Recreation Management (Therapeutic Recreation),BS

College of Public Programs

Campus: Downtown Phoenix

PPPRMTRBS

WUE

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PRM 120: Leisure and the Quality of Life (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 is for ASU freshman students only and is not required for transfer students
PRM 191: First-Year Seminar	1	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
ASU 101: The ASU Experience	1		
MAT 142: College Mathematics (MA)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Interdisciplinary Requirement	3		
Milestone: Recommend meeting with advisor to discuss career field experience requirement.			
Term hours subtotal:	17		
Term 2 18 - 33 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PRM 210: Community Services and Professions.	3	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		
Term 3 34 - 49 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	
BIO 201: Human Anatomy and Physiology I	4	C	
Interdisciplinary Requirement	3		
Complete 2 courses: Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 50 - 63 Credit Hours	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	
CDE 232: Human Development (SB)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Global Awareness (G)	3		
Elective	1		
Term hours subtotal:	14		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
PRM 301: Sustainable Communities	3	C	
PRM 303: Program Planning (L)	3	C	

PRM 304: Recreation Planning and Facility Development	3	C
PRM 364: Foundations of Therapeutic Recreation (SB)	3	C
PRM 400: Processes and Techniques in Therapeutic Recreation	3	C
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
PGS 466: Abnormal Psychology (SB)	3	C	
PRM 302: Inclusive Community Development (C)	3	C	
PRM 401: Tourism Management	3	C	
PRM 406: Program Design and Evaluation in Therapeutic Recreation	3	C	
PRM 460: Assessment and Documentation in Therapeutic Recreation	3	C	
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
PRM 380: Wilderness and Parks in America (SB & H)	3	C	
PRM 402: Assessment and Evaluation of Community Services	3	C	
PRM 413: Leadership & Professional Development in Therapeutic Recreation	3	C	
Interdisciplinary Requirement	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
PRM 463: Senior Internship	12	C	
Term hours subtotal:	12		

- Public Programs interdisciplinary requirement (must complete 3 courses from the following list).
 - Courses must be taken in at least two different areas.
 - It is recommended that courses at the 300 and 400 level be taken in terms 5-8.
 - These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area 1	Area 2	Area 3
CRJ 100: The Justice System (SB)	URB 240: Urban Policy (C)	SWU 171: Introduction to Social Work (SB & H)
	URB 300: Urban and Metropolitan Studies	SWU 250: Stress Management Tools (SB)
	PAF 410: Building Leadership Skills (SB)	
	PAF 411: Leadership and Change (SB)	

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Public Service & Public Policy, BS

College of Public Programs

Campus: Downtown Phoenix

PPPAFBS



Term 1	0 - 16 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
					<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 is for ASU freshman students only and is not required for transfer students
	MAT 142: College Mathematics (MA) OR POS 110: Government and Politics (SB) OR SOC 101: Introductory Sociology (SB)		6	C	
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	ASU 101: The ASU Experience		1		
	Interdisciplinary Requirement		3		
	Global Awareness (G) OR Historical Awareness (H)		3		
	Term hours subtotal:		16		
Term 2	17 - 32 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	MAT 142: College Mathematics (MA) OR POS 110: Government and Politics (SB) OR SOC 101: Introductory Sociology (SB)		3	C	
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	PAF 200: Public Service and Policy in the 21st Century		3	C	
	Interdisciplinary Requirement		3		
	Natural Science - Quantitative (SQ)		4		
	Minimum 2.00 GPA ASU Cumulative.				
	Term hours subtotal:		16		
Term 3	33 - 48 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	PAF 201: Economics for Public Affairs		3	C	
	ENG 216: Persuasive Writing on Public Issues (L)		3	C	
	Natural Science - Quantitative (SQ) OR Natural Science - General (SG)		4		
	Global Awareness (G) OR Historical Awareness (H)		3		
	Humanities, Fine Arts and Design (HU)		3		
	Minimum 2.00 GPA ASU Cumulative.				
	Complete First-Year Composition requirement.				
	Complete Mathematics (MA) requirement.				
	Term hours subtotal:		16		
Term 4	49 - 63 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	PAF 301: Applied Statistics		3	C	
	PAF 311: Leadership and Change (SB)		3	C	
	URB 240: Urban Policy (C)		3	C	
	COM 225: Public Speaking (L)		3	C	
	Computer/Statistics/Quantitative Applications (CS)		3		
	Minimum 2.00 GPA ASU Cumulative.				
	Term hours subtotal:		15		

Minimum

Term 5 64 - 78 Credit Hours	Hours	Grade	Notes
PAF 302: Public Sector Research	3	C	
PAF 340: Contemporary Policy Challenges	3	C	
Complete 2 courses: Concentration Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
PAF 460: Public Service Ethics	3	C	
Complete 2 courses: Concentration Course	6	C	
Interdisciplinary Requirement	3		
Upper Division Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
PAF 400: Senior Project	3	C	
PAF 484: Internship OR Upper Division Elective	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
PAF 484: Internship	3	C	
Upper Division Elective OR PAF 400: Senior Project	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

- Public Programs interdisciplinary requirement (must complete 3 courses from the following list).
 - Courses must be taken in at least two different areas.
 - It is recommended that courses at the 300 and 400 level be taken in terms 5-8.
 - These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Public Policy Concentration	Area 1	Area 2
URB 240: Urban Policy (C)	CRJ 100: The Justice System (SB)	SWU 171: Introduction to Social Work (SB & H)
PAF 470: Topics in Public Economics and Financial Management		SWU 250: Stress Management Tools (SB)
PAF 471: Public Policy Analysis		
SWU OR CRJ OR JUS OR POL OR ECN Upper Division Elective		
PAF 400: Senior Capstone Project		
Public Leadership & Management Concentration	Public Leadership & Management Upper Division Elective	Urban Studies Upper Division Elective
PAF 300: Public Management and Administration	COM OR HST OR MGT OR NLM OR POS OR PSY Upper Division Elective	GCU OR GPH OR PUP OR SOC OR SOS OR URB Upper Division Elective
PAF 410: Building Leadership Skills (SB)		
PAF 420: Public Leadership		
PAF 400: Senior Capstone Project		

Urban Studies Concentration	Area 3
URB 220: Introduction to Urban America	NLM 160: Voluntary Action and Community Leadership (SB)
URB 300: Urban and Metropolitan Studies	
URB 305: Urban Governance	PRM 120: Leisure and the Quality of Life (SB)
URB 400: Senior Professional Seminar	PRM 380: Wilderness and Parks in America (SB & H)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.







2011 - 2012 Major Map Social Work, BSW

College of Public Programs

Campus: Downtown Phoenix

PPSWUSWU

WUE

Term 1	0 - 16 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
<p><i>Complete 2 courses:</i> ECN 211: Macroeconomic Principles (SB) OR SWU 194: Economic and Social Issues in Perspective OR PGS 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) OR POS 110: Government and Politics (SB) OR  SWU 194: AZ/National Government: Social Work Perspective OR PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 171: Introduction to Social Work (SB & H) OR SWU 291: Social Service Delivery Systems OR SWU 295: Foundations of Social Work Practice (SB & C) OR SWU 303: Micro Human Behavior in the Social Environment (L or SB)</p>					
ASU 101: The ASU Experience			1		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 is for ASU freshman students only and is not required for transfer students
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students			3	C	
MAT 142: College Mathematics (MA)			3		
Interdisciplinary Requirement			3		
Minimum 2.00 GPA ASU Cumulative.					
Milestone: Recommended meeting with advisor to discuss human services experience requirement					
Term hours subtotal:			16		
Term 2	17 - 29 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
<p>ECN 211: Macroeconomic Principles (SB) OR SWU 194: Economic and Social Issues in Perspective OR PGS 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) OR POS 110: Government and Politics (SB) OR  SWU 194: AZ/National Government: Social Work Perspective OR PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 171: Introduction to Social Work (SB & H) OR SWU 291: Social Service Delivery Systems OR SWU 295: Foundations of Social Work Practice (SB & C) OR SWU 303: Micro Human Behavior in the Social Environment (L or SB)</p>					
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students			3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.			4		
Lower Division Elective			3		
Minimum 2.00 GPA ASU Cumulative.					
Term hours subtotal:			13		
Term 3	30 - 43 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
<p>ECN 211: Macroeconomic Principles (SB) OR SWU 194: Economic and Social Issues in Perspective OR PGS 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) OR POS 110: Government and Politics (SB) OR  SWU 194: AZ/National Government: Social Work Perspective OR PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 171: Introduction to Social Work (SB & H) OR SWU 291: Social Service Delivery Systems OR SWU 295: Foundations of Social Work Practice (SB & C) OR SWU 303: Micro Human Behavior in the Social Environment (L or SB)</p>					
Literacy and Critical Inquiry (L)			3		

Natural Science - Quantitative (SQ)	4
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4
Minimum 2.00 GPA ASU Cumulative.	
Minimum 2.75 GPA in SWU 171, SWU 291, SWU 295, SWU 303 and SWU 310.	
❗ Complete First-Year Composition requirement.	
❗ Complete Mathematics (MA) requirement.	
Term hours subtotal:	14

Term 4 44 - 56 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR SWU 194: Economic and Social Issues in Perspective OR PGS 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) OR POS 110: Government and Politics (SB) OR ❗ SWU 194: AZ/National Government: Social Work Perspective OR PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 171: Introduction to Social Work (SB & H) OR SWU 291: Social Service Delivery Systems OR SWU 295: Foundations of Social Work Practice (SB & C) OR SWU 303: Micro Human Behavior in the Social Environment (L or SB)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4		
Interdisciplinary Requirement	3		
Humanities, Fine Arts and Design (HU)	3		
Minimum 2.00 GPA ASU Cumulative.			
Minimum 2.75 GPA in SWU 171, SWU 291, SWU 295, SWU 303 and SWU 310.			
Term hours subtotal:	13		

Term 5 57 - 72 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR SWU 194: Economic and Social Issues in Perspective OR PGS 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) OR POS 110: Government and Politics (SB) OR SWU 194: AZ/National Government: Social Work Perspective OR PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 171: Introduction to Social Work (SB & H) OR SWU 291: Social Service Delivery Systems OR SWU 295: Foundations of Social Work Practice (SB & C) OR SWU 303: Micro Human Behavior in the Social Environment (L or SB)	3	C	
SWU 310: Social Work Practice I	3	C	
SWU 320: Research Methods in Social Work	3	C	
SWU 321: Statistics for Social Workers (CS)	3		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4		
Minimum 2.75 GPA in SWU 171, SWU 291, SWU 295, SWU 303 and SWU 310.			
Milestone: Successful submission and review of: statement of educational and career goals, two approved letters of reference, and documented completion of 60 hours of human services experience			
Term hours subtotal:	16		

Term 6 73 - 88 Credit Hours	Hours	Minimum Grade	Notes
SWU 340: Macro Human Behavior in the Social Environment (SB)	3	C	
SWU 374: Diversity and Oppression in a Social Work Context (C)	3	C	
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR PHI 306: Applied Ethics (HU)	3		
Term hours subtotal:	16		

Term 7 89 - 103 Credit Hours	Hours	Minimum Grade	Notes
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SWU 410: Social Work Practice II	3	C
SWU 412: Field Instruction I	3	C
SWU 413: Field Instruction Seminar	3	C
SWU 432: Social Policy and Services	3	C
Global Awareness (G)	3	
Term hours subtotal:	15	

Term 8 104 - 121 Credit Hours	Hours	Minimum Grade	Notes
SWU 411: Social Work Practice III	3	C	
SWU 414: Field Instruction II	3	C	
SWU 415: Field Instruction Seminar II	3	C	
SWU 442: Introduction to Practice with Children and Families in Child Welfare	3	C	
Upper Division Elective	6		
Term hours subtotal:	18		

Area 1	Area 2	Area 3
CRJ 100: The Justice System (SB)	URB 240: Urban Policy (C)	PRM 120: Leisure and the Quality of Life (SB)
	URB 300: Urban and Metropolitan Studies	PRM 380: Wilderness and Parks in America (SB & H)
	PAF 410: Building Leadership Skills (SB)	NLM 160: Voluntary Action and Community Leadership (SB)
	PAF 411: Leadership and Change (SB)	

Total Hours: 121
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

 First-Year Composition











General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Tourism Development & Management, BS

College of Public Programs

Campus: Downtown Phoenix

PPTDMBS

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PRM 120: Leisure and the Quality of Life (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 is for ASU freshman students only and is not required for transfer students
ASU 101-CPP: The ASU Experience AND TDM 191: First-Year Seminar	2		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Social and Behavioral Sciences (SB)	3		
Milestone: Recommend meeting with advisor to discuss career field experience requirement.			
Term hours subtotal:	17		
Term 2 18 - 33 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TDM 205: Introduction to Travel and Tourism (G)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	16		
Term 3 34 - 49 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TDM 210: Community Services and Professions	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 50 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	
Related Area Course	3	C	
Interdisciplinary Requirement	3		
Historical Awareness (H)	3		
Elective	2		
Term hours subtotal:	14		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
TDM 301: Sustainable Communities	3	C	

TDM 302: Inclusive Community Development (C)	3	C
TDM 350: Tourism Marketing	3	C
TDM 372: Tourism Planning (L)	3	C
Related Area Course	3	C
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
TDM 458: International Tourism (G)	3	C	
TDM 480: Sustainable Tourism	3	C	
Related Area Course	9	C	
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
TDM 401: Tourism Management	3	C	
TDM 402: Assessment and Evaluation of Community Services	3	C	
TDM 403: Pre-Internship Workshop	3	C	
Upper Division Social and Behavioral Sciences (SB) OR Upper Division Humanities, Fine Arts and Design (HU)	3		
Upper Division Related Area Course	3	C	
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
TDM 463: Senior Internship	12		
Term hours subtotal:	12		

- Public Programs interdisciplinary requirement (must complete 3 courses from the following list).
 - Courses must be taken in at least two different areas.
 - It is recommended that courses at the 300 and 400 level be taken in terms 5-8.
 - These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).
- TDM Related Area: Students must complete 6 classes (18 credits) from the following list.

TDM Related Area	Area 1	Area 2
PRM 304: Recreation Planning and Facility Development	CRJ 100: The Justice System (SB)	URB 240: Urban Policy (C)
PRM 368: Sports Management		URB 300: Urban and Metropolitan Studies
PRM 380: Wilderness and Parks in America (SB & H)		PAF 410: Building Leadership Skills (SB)
PRM 470: Environmental Interpretation and Education		PAF 411: Leadership and Change (SB)
PRM 475: Entrepreneurial Recreation and Tourism		
PRM 486: Special Events Management		
TDM 325: Tourism Accommodations		
TDM 345: Meeting and Convention Planning		
TDM 386: Convention Sales and Management		
TDM 415: Tourism Transportation Systems		
TDM 448: Heritage and Cultural Tourism		
PAF 410: Building Leadership Skills (SB)		
URB 240: Urban Policy (C)		
Area 3		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition












General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Tourism Development & Management (Resort and Accommodations Leadership), BS

College of Public Programs

Campus: Downtown Phoenix

PPTDMRBS

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PRM 120: Leisure and the Quality of Life (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
TDM 191: First-Year Seminar	1	C	
Interdisciplinary Requirement Course	3		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	17		
Term 2 18 - 33 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TDM 205: Introduction to Travel and Tourism (G)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	6	C	
Humanities, Fine Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		
Term 3 34 - 49 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TDM 210: Community Services and Professions	3	C	
Interdisciplinary Requirement Course	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Fine Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 50 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	
TDM 225: Introduction to Tourism Accommodations	3	C	
Historical Awareness (H)	3		
Complete 2 courses: Elective	5		
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
TDM 301: Sustainable Communities	3	C	
TDM 302: Inclusive Community Development (C)	3	C	

TDM 350: Tourism Marketing	3	C
TDM 372: Tourism Planning (L)	3	C
TDM 394: Organizational Culture and Leadership	3	C
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
TDM 494: Sustainable Food Management in Tourism	3	C	
Complete 2 courses: TDM Elective	6	C	
Interdisciplinary Requirement Course	3		
Upper Division Social and Behavioral Sciences (SB) OR Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
TDM 401: Tourism Management	3	C	
TDM 402: Assessment and Evaluation of Community Services	3	C	
TDM 403: Leadership and Professional Development	3	C	
TDM 458: International Tourism (G)	3	C	
TDM 480: Sustainable Tourism	3	C	
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
TDM 463: Senior Internship	12	C	
Term hours subtotal:	12		

- Public Programs interdisciplinary requirement (must complete 3 courses from the following list).
 - Courses must be taken in at least two different areas.
 - It is recommended that courses at the 300 and 400 level be taken in terms 5-8.
 - These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Area 1	Area 2	Area 3
CRJ 100: Introduction to Criminal Justice (SB)	URB 240: Urban Policy (C)	SWU 171: Introduction to Social Work (SB & H)
	URB 300: Urban and Metropolitan Studies	SWU 250: Stress Management Tools (SB)
	PAF 410: Building Leadership Skills (SB)	
	PAF 411: Leadership and Change (SB)	
TDM Electives: choose two courses (6):		
TDM 345: Meeting and Convention Planning		
TDM 386: Convention Sales and Management		
PRM 475: Entrepreneurial Recreation and Tourism		
LES 305: Legal, Ethical, and Regulatory Issues in Business		
MGT 310: Collaborative Team Skills		
MGT 380: Management and Strategy for Nonmajors		
PAF 410: Building Leadership Skills (SB)		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend
 General Studies Core Requirements:

General Studies Awareness Requirements:

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

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

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

• Historical Awareness (H)
First-Year Composition











General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Tourism Development and Management (Sustainable Tourism),BS

College of Public Programs

Campus:Downtown Phoenix

PPTDMSBS

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PRM 120: Leisure and the Quality of Life (SB)	3	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 is for ASU freshman students only and is not required for transfer students
ASU 101-CPP: The ASU Experience AND TDM 191: First-Year Seminar	2		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Social and Behavioral Sciences (SB)	3		
Milestone: Recommend meeting with advisor to discuss career field experience requirement.			
Term hours subtotal:	17		
Term 2 18 - 33 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TDM 205: Introduction to Travel and Tourism (G)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	16		
Term 3 34 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TDM 210: Community Services and Professions	3	C	
SOS 100: Introduction to Sustainability (G)	3		
Interdisciplinary Requirement	3		
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	
Interdisciplinary Requirement	3		
Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	2		
Term hours subtotal:	15		
Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
SOS 300: Advanced Concepts and Integrated Approaches in Sustainability	3		

TDM 301: Sustainable Communities	3	C
TDM 302: Inclusive Community Development (C)	3	C
TDM 350: Tourism Marketing	3	C
TDM 458: International Tourism (G)	3	C
Term hours subtotal:	15	

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
TDM 372: Tourism Planning (L)	3	C	
TDM 448: Heritage and Cultural Tourism	3		
TDM 480: Sustainable Tourism	3		
TDM 481: Sustainable Food Management in Tourism	3	C	
TDM Concentration Elective	3	C	
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
TDM 401: Tourism Management	3	C	
TDM 402: Assessment and Evaluation of Community Services	3	C	
TDM 403: Pre-Internship Workshop	3	C	
TDM Concentration Elective	3	C	
Upper Division Social and Behavioral Sciences (SB) OR Upper Division Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
TDM 463: Senior Internship	12		
Term hours subtotal:	12		

- Public Programs interdisciplinary requirement (must complete 3 courses from the following list).
 - * Courses must be taken in at least two different areas.
 - * It is recommended that courses at the 300 and 400 level be taken in terms 5-8.
 - * These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

Interdisciplinary Requirement: Area 2	Interdisciplinary Requirement: Area 1	Interdisciplinary Requirement: Area 3
URB 240: Urban Policy (C)	CRJ 100: The Justice System (SB)	SWU 171: Introduction to Social Work (SB & H)
URB 300: Urban and Metropolitan Studies		SWU 250: Stress Management Tools (SB)
PAF 410: Building Leadership Skills (SB)		
PAF 411: Leadership and Change (SB)		
TDM Concentration Electives		
TDM 225: Introduction to Tourism Accommodations		
TDM 415: Tourism Transportation Systems		
TDM 482: Sustainable Revenue Management in Tourism		
PRM 470: Environmental Interpretation and Education		
PRM 370: Natural Resource Recreation Planning and Management		
PRM 475: Entrepreneurial Recreation and Tourism		

Notes:

-

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.











2011 - 2012 Major Map Urban & Metropolitan Studies, BA

College of Public Programs

Campus: Downtown Phoenix

PPURBBA

WUE

Term 1	0 - 14 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	MAT 142: College Mathematics (MA) OR URB 220: Introduction to Urban America OR URB 240: Urban Policy (C)		3	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 is for ASU freshman students only and is not required for transfer students
	ASU 101: The ASU Experience		1		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	CRJ OR NLM OR PRM OR SWU course (SB)		3		
	Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV OR URB Elective		4		
	Minimum 2.00 GPA ASU Cumulative.				
	Term hours subtotal:		14		
Term 2	15 - 30 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	MAT 142: College Mathematics (MA) OR URB 220: Introduction to Urban America OR URB 240: Urban Policy (C)		3	C	
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	Computer/Statistics/Quantitative Applications (CS)		3		
	Humanities, Fine Arts and Design (HU)		3		
	Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV OR URB Elective		4		
	Minimum 2.00 GPA ASU Cumulative.				
	Term hours subtotal:		16		
Term 3	31 - 46 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	MAT 142: College Mathematics (MA) OR URB 220: Introduction to Urban America OR URB 240: Urban Policy (C)		3	C	
	CRJ OR NLM OR PRM OR SWU course (SB)		6		
	Literacy and Critical Inquiry (L)		3		
	Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV OR URB Elective		4		
	Minimum 2.00 GPA ASU Cumulative.				
	Complete First-Year Composition requirement.				
	Complete Mathematics (MA) requirement.				
	Term hours subtotal:		16		
Term 4	47 - 62 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	URB 300: Urban and Metropolitan Studies OR URB 305: Urban Governance		3	C	
	Global Awareness (G) OR Historical Awareness (H)		3		
	Humanities, Fine Arts and Design (HU)		3		

Related Area	3
Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV OR URB Elective	4
Minimum 2.00 GPA ASU Cumulative.	
Term hours subtotal:	16

Term 5 63 - 78 Credit Hours	Hours	Minimum Grade	Notes
URB 300: Urban and Metropolitan Studies OR URB 305: Urban Governance	3		
URB 301: Urban Research	3	C	
Upper Division Related Area	3		
Upper Division Social and Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 6 79 - 94 Credit Hours	Hours	Minimum Grade	Notes
URB 302: Urban Theory	3	C	
Complete 2 courses: Upper Division Related Area	6		
Global Awareness (G) OR Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 7 95 - 108 Credit Hours	Hours	Minimum Grade	Notes
URB 400: Senior Professional Seminar	3	C	
URB 410: Urban Leadership and Collaborative Skills	3	C	
Complete 2 courses: Upper Division Related Area	6		
Elective	2		
Term hours subtotal:	14		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
URB 484: Internship	3		
Upper Division Related Area	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	12		

- Public Programs interdisciplinary requirement (must complete 3 courses from the following list).
 - Courses must be taken in at least two different areas.
 - It is recommended that courses at the 300 and 400 level be taken in terms 5-8* .
 - These courses should also be used to meet the university HU and SB General Studies requirement (15 hours combined; 6 hours in one area, 9 hours in the other AND one course must be upper division).

* A minimum of 3 hours, must be taken in each: URB 484. A maximum of 6 hours of URB 484 may be taken

Area 1	Area 2	URB Related Area
CRJ 100: The Justice System (SB)	NLM 160: Voluntary Action and Community Leadership (SB)	AFS 366: African Archaeology: Precolonial Urban Culture (SB & G & H)
	PRM 120: Leisure and the Quality of Life (SB)	GCU 361: Urban Geography (SB)
	PRM 380: Wilderness and Parks in America (SB & H)	HST 319: U.S. Urban History to 1850 (SB & H)
		HST 320: U.S. Urban History since 1850 (SB & H)

HUD 201: Introduction to Housing and Urban Development

HUD 402: Community Revitalization: Problems and Strategies

PAF Elective

PLA 101: Landscapes and Sustainability (HU & G)

PLA 420: Theory of Urban Design (HU)

POL 453: Latin American Cities (SB & G)

POS 110: Government and Politics (SB)

POS 220: Political Issues and Public Policy (SB)

POS 310: American National Government (SB)

POS 316: State and Local Government (SB)

POS 320: Public Administration (SB)

POS 325: Public Policy Development (SB)

POS 426: Elements of Public Policy (SB)

PUP 100: Introduction to Environmental Design (HU & H & G)

PUP 190: Sustainable Cities ((HU or SB) & G)

PUP 200: Cities in Cinema (HU & H)

PUP 301: Introduction to Urban Planning (L)

PUP 425: Urban Housing Analysis

PUP 430: Transportation Planning and the Environment

PUP 436: City Structure and Planning

PUP 442: Environmental Planning

PUP 445: Women and Environments (C)

PUP 475: Environmental Impact Assessment

SBS 461: Program Evaluation and Policy Research

SOC 332: The Modern City (SB & G)

SOC 333: Population (SB & G)

TWC 200: Impact of Communications Technology on Society (L)

URB Elective

WST 300: Women and Gender in Contemporary Society (SB & C)

Area 3

SWU 171: Introduction to Social Work (SB & H)

SWU 250: Stress Management Tools (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.











2011 - 2012 Major Map Urban & Metropolitan Studies, BS

College of Public Programs

Campus: Downtown Phoenix

PPURBBS

WUE

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA) OR URB 220: Introduction to Urban America OR URB 240: Urban Policy (C)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 is for ASU freshman students only and is not required for transfer students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Complete 2 courses: Global Awareness (G) OR Historical Awareness (H) OR Humanities, Fine Arts and Design (HU)	6		
Interdisciplinary Requirement Course AND Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA) OR URB 220: Introduction to Urban America OR URB 240: Urban Policy (C)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Fine Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA) OR URB 220: Introduction to Urban America OR URB 240: Urban Policy (C)	3	C	
Complete 2 courses: Interdisciplinary Requirement Course AND Social and Behavioral Sciences (SB)	6		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 URB 300: Urban and Metropolitan Studies OR URB 305: Urban Governance	3	C	
Related Area Course	6		
Global Awareness (G) OR Historical Awareness (H) OR Humanities, Fine Arts and Design (HU)	3		
Upper Division Social and Behavioral Sciences (SB) OR Upper Division Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	15		

Minimum

Term 5 64 - 78 Credit Hours	Hours	Grade	Notes
PAF 301: Applied Statistics	3		
URB 301: Urban Research	3	C	
URB 300: Urban and Metropolitan Studies OR URB 305: Urban Governance	3		
Upper Division Related Area Course	6		
Term hours subtotal:	15		

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
URB 302: Urban Theory	3	C	
Upper Division Related Area Course	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
URB 400: Senior Professional Seminar	3	C	
URB 410: Urban Leadership and Collaborative Skills	3	C	
Upper Division Related Area Course	6		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
URB 484: Internship	3		
Upper Division Related Area Course	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Area 1	Area 2	Area 3
CRJ 100: The Justice System (SB)	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 171: Introduction to Social Work (SB & H)
	PRM 120: Leisure and the Quality of Life (SB)	SWU 250: Stress Management Tools (SB)
	PRM 380: Wilderness and Parks in America (SB & H)	
URB Related Area		
AFS 366: African Archaeology: Precolonial Urban Culture (SB & G & H)		
GCU 361: Urban Geography (SB)		
HST 319: U.S. Urban History to 1850 (SB & H)		
HST 320: U.S. Urban History since 1850 (SB & H)		
HUD 201: Introduction to Housing and Urban Development		
HUD 402: Community Revitalization: Problems and Strategies		
PLA 101: Landscapes and Sustainability (HU & G)		
PLA 420: Theory of Urban Design (HU)		
POL 453: Latin American Cities (SB & G)		
POS 110: Government and Politics (SB)		

POS 220: Political Issues and Public Policy (SB)

POS 310: American National Government (SB)

POS 316: State and Local Government (SB)

POS 320: Public Administration (SB)

POS 325: Public Policy Development (SB)

POS 426: Elements of Public Policy (SB)

PUP 100: Introduction to Environmental Design (HU & H & G)

PUP 190: Sustainable Cities ((HU or SB) & G)

PUP 200: Cities in Cinema (HU & H & G)

PUP 301: Introduction to Urban Planning (L)

PUP 425: Urban Housing Analysis

PUP 430: Transportation Planning and the Environment

PUP 436: City Structure and Planning

PUP 442: Environmental Planning

PUP 445: Women and Environments (C)

PUP 475: Environmental Impact Assessment

SBS 461: Program Evaluation and Policy Research

SOC 332: The Modern City (SB & G)

SOC 333: Population (SB & G)

TWC 200: Impact of Communications Technology on Society (L)

WST 300: Women and Gender in Contemporary Society (SB & C)

URB Elective

PAF Elective

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.





2011 - 2012 Major Map Sustainability, BA

School of Sustainability


Campus: Tempe


SUSUSTBA


Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AML 100: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	B	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 is for ASU freshman students only and is not required for transfer students
 SOS 111: Sustainable Cities ((HU or SB) & G)	3	B	
ASU 101-SOS: The ASU Experience	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Minimum 2.50 GPA ASU Cumulative.			
 Minimum 3.00 GPA in SOS.			
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 170: Precalculus (MA) OR MAT 117: College Algebra (MA)	3	C	
 SOS 110: Sustainable World	3	B	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Minimum 2.50 GPA ASU Cumulative.			
 Minimum 3.00 GPA in SOS.			
Complete SOS 110, SOS 111 course(s).			
Term hours subtotal:	16		
Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Upper Division Challenge Area/Track Course	3	C	<ul style="list-style-type: none"> • Students are strongly encouraged to earn a minor in an area related to their track. Those who do not complete a minor must complete 12 hours of related discipline courses, of which 3 hours must be upper division
 MAT 170: Precalculus (MA) OR Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Minimum 2.50 GPA ASU Cumulative.			
 Minimum 3.00 GPA in SOS.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	17		
Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes


 Upper Division Challenge Area/Track Course	3	C
Complete 2 courses: Minor Course OR Related Area Course	6	C
STP 226: Elements of Statistics (CS)	3	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
 Minimum 2.50 GPA ASU Cumulative.		
 Minimum 3.00 GPA in SOS.		
 Milestone: Select a track.		
Term hours subtotal:	16	

- 6 (out of 15 required) hours of Challenge Area/Track courses must be completed by end of term 4; one of these courses should be the student's track

Term 5 64 - 79 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
Minor Course OR Related Area Course	3	C	
Upper Division Challenge Area/Track Course	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Minimum 2.50 GPA ASU Cumulative.			
Minimum 3.00 GPA in SOS.			
Complete STP course(s).			
Term hours subtotal:	16		

Term 6 80 - 94 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
SOS 3** Elective OR SOS 4** Elective	3	C	
Upper Division Challenge Area/Track Course	3	C	
Social and Behavioral Sciences (SB)	3		
Cultural Diversity in the U.S. (C)	3		
Upper Division Minor Course OR Upper Division Related Area Course	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Minimum 3.00 GPA in SOS.			
Term hours subtotal:	15		

Term 7 95 - 109 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
SOS 484: Capstone: Research OR SOS 484: Capstone: Internship OR SOS 494: Capstone: Workshop OR SOS 494: Capstone: Service Learning	3	B	
Upper Division Minor Course OR Upper Division Elective	3		
Upper Division Challenge Area/Track Course	3	C	
Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB)	3		
Upper Division Historical Awareness (H)	3		
Minimum 2.50 GPA ASU Cumulative.			
Minimum 3.00 GPA in SOS.			
Term hours subtotal:	15		

Term 8 110 - 121 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
SOS 4** Elective	3	C	
Upper Division Challenge Area/Track Elective Course	3	C	
Upper Division Minor Course OR Upper Division Elective	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Minimum 2.50 GPA ASU Cumulative.			
Minimum 3.00 GPA in SOS.			
Term hours subtotal:	12		

- Please note: Students can take SOS 323 OR SOS 465.

Approved Challenge Area/Track Courses

SOS 320: Society and Sustainability (L or SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

SOS 323: Sustainable Urban Dynamics

SOS 324: Sustainable Energy, Materials, and Technology

SOS 325: The Economics of Sustainability

SOS 326: Sustainable Ecosystems

SOS 327: Sustainable Food and Farms

SOS 394: Sustainability and Enterprise

SOS 465: Smart Growth and New Urbanism

Notes:

- ***Related Discipline:

Upon approval, it is possible that the related discipline requirement may also be satisfied by:

- Completion of a minor or a certification
- Completion of a second undergraduate degree
- Completion of an associates degree (but students must still complete at least 45 hours of upper-division credit as part of their degree requirements)

Students can explore minors or course that can be taken for their related discipline requirement at <http://www.asu.edu/programs/> under the "Minors and Undergraduate Certificates" section.

**Challenge Area/ Track Elective:

A list of approved Challenge Area/ Track electives can be found online at <http://schoolofsustainability.asu.edu/current-students/undergraduate/courses.php>.

Total Hours: 121

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

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

General Studies Awareness Requirements:

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

First-Year Composition



















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.






2011 - 2012 Major Map Sustainability, BS

School of Sustainability


Campus: Tempe


SUSUSTBS

Term 1	0 - 13 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes	
	AML 100: Introduction to Applied Mathematics for the Life and Social Sciences (MA)		3	B	<ul style="list-style-type: none">• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses• ASU Math Placement Exam score determines placement in Mathematics course• ASU 101 or College specific equivalent First Year Seminar required of all freshman students.• For Math requirement: Take MAT 170: Precalculus, if this needs to be taken first	
	MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR SOS 294: Calculus & Probability for the Life & Social Scien		3-4	B		
	SOS 111: Sustainable Cities ((HU or SB) & G)		3	B		
	ASU 101-SOS: The ASU Experience		1	C		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C		
	Minimum 2.50 GPA ASU Cumulative.					
	Minimum 3.00 GPA in SOS.					
	Term hours subtotal:		13-14			
Term 2	14 - 29 Credit Hours	Critical course signified by 	Hours	Minimum Grade		Notes
	MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR SOS 294: Calculus & Probability for the Life & Social Scien		3-4	B		
	SOS 110: Sustainable World		3	B		
	SOS 294: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences		3	B		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C		
	Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.		4	C		
	Minimum 2.50 GPA ASU Cumulative.					
	Minimum 3.00 GPA in SOS.					
	Complete SOS 110, SOS 111 course(s).					
	Term hours subtotal:		16-17			
Term 3	30 - 46 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes	
	Upper Division Challenge Area/Track Course		3	C	<ul style="list-style-type: none">• Students are strongly encouraged to earn a minor in an area related to their track. Those who do not complete a minor must complete 12 hours of related discipline courses, of which 3 hours must be upper division	
	Minor Course OR Related Discipline Course		3			
	Literacy and Critical Inquiry (L)		3			
	Natural Science - Quantitative (SQ) OR Natural Science - General (SG)		4			
	Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.		4	C		
	Minimum 2.50 GPA ASU Cumulative.					
	Minimum 3.00 GPA in SOS.					
	Complete First-Year Composition requirement.					
	Complete Mathematics (MA) requirement.					
	Term hours subtotal:		17			

Term 4 47 - 62 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Upper Division Challenge Area/Track Course	3	C	• 6 (out of 15 required) hours of Challenge Area/Track courses must be completed by end of term 4; one of these courses should be the student's track.
STP 226: Elements of Statistics (CS)	3		
Minor Course OR Related Discipline Course	3		
Upper Division Minor Course OR Upper Division Related Discipline Course	3	C	
Natural Science - Quantitative (SQ)	4		
 Minimum 2.50 GPA ASU Cumulative.			
 Minimum 3.00 GPA in SOS.			
 Milestone: Select a track.			
Term hours subtotal:	16		

Term 5 63 - 74 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Challenge Area/Track Elective Course	3	C	
Challenge Area/Track Elective Course	3	C	
SOS 3** Elective OR SOS 4** Elective	3	C	
Upper Division Minor Course OR Upper Division Related Discipline Course	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Minimum 3.00 GPA in SOS.			
Term hours subtotal:	12		

Term 6 75 - 89 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Upper Division Challenge Area/Track Course	3	C	
SOS 4** Elective	3	C	
Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Social and Behavioral Sciences (SB)	3		
Minimum 2.50 GPA ASU Cumulative.			
Minimum 3.00 GPA in SOS.			
Term hours subtotal:	15		

Term 7 90 - 104 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Upper Division Challenge Area/Track Course	3	C	
SOS 484: Capstone: Research OR SOS 484: Capstone: Internship OR SOS 494: Capstone: Workshop OR SOS 494: Capstone: Service Learning	3	B	
Historical Awareness (H)	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Upper Division Minor Course OR Upper Division Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Minimum 3.00 GPA in SOS.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Challenge Area/Track Elective Course	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Fine Arts and Design (HU)	3		
Upper Division Minor Course OR Upper Division Elective	6		
Minor Course OR Elective	1		
Minimum 2.50 GPA ASU Cumulative.			

- Please note: Students can take SOS 323 OR SOS 465.

Approved Challenge Area/Track Courses

SOS 320: Society and Sustainability (L or SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

SOS 323: Sustainable Urban Dynamics

SOS 324: Sustainable Energy, Materials, and Technology

SOS 325: The Economics of Sustainability

SOS 326: Sustainable Ecosystems

SOS 327: Sustainable Food and Farms

SOS 394: Sustainability and Enterprise

SOS 465: Smart Growth and New Urbanism

Notes:

- ***Related Discipline:

Upon approval, it is possible that the related discipline requirement may also be satisfied by:

- Completion of a minor or a certification
- Completion of a second undergraduate degree
- Completion of an associates degree (but students must still complete at least 45 hours of upper-division credit as part of their degree requirements)

Students can explore minors or course that can be taken for their related discipline requirement at <http://www.asu.edu/programs/> under the "Minors and Undergraduate Certificates" section.

**Challenge Area/ Track Elective:

A list of approved Challenge Area/ Track electives can be found online at <http://schoolofsustainability.asu.edu/current-students/undergraduate/courses.php>.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

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

General Studies Awareness Requirements:

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

First-Year Composition


















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Early Childhood Education, BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

EDECDBAE

Term 1	0 - 16 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	ECD 211: The Developing Child: Theory into Practice, Prenatal-Grade 3 (SB) OR ECD 220: Nutrition, Health, and Safety for Young Children OR TEL 212: Understanding the Culturally Diverse Child (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & C)		3	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in mathematics course ASU 101 or college specific equivalent First Year Seminar required of all freshman students. Recommend HST 109 for HU, H and covers U.S. Constitution for certification requirement
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)		3		
	MAT 142: College Mathematics (MA)		3	C	
	ASU 101: The ASU Experience		1	C	
	TEL 111: Exploration of Education (SB) OR Elective		3	C	
	Minimum 2.50 GPA ASU Cumulative.				
	Term hours subtotal:		16		
Term 2	17 - 32 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	ECD 211: The Developing Child: Theory into Practice, Prenatal-Grade 3 (SB) OR ECD 220: Nutrition, Health, and Safety for Young Children OR TEL 212: Understanding the Culturally Diverse Child (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & C)		3	C	
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	MTE 180: Mathematics for Elementary Teachers I		3	C	
	Natural Science - Quantitative (SQ) OR Natural Science - General (SG)		4	C	
	Humanities, Fine Arts and Design (HU) AND Global Awareness (G)		3		
	Minimum 2.50 GPA ASU Cumulative.				
	Term hours subtotal:		16		
Term 3	33 - 45 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	BLE 220: Foundations of Structured English Immersion OR ECD 211: The Developing Child: Theory into Practice, Prenatal-Grade 3 (SB) OR ECD 220: Nutrition, Health, and Safety for Young Children OR TEL 212: Understanding the Culturally Diverse Child (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & C)		3	C	
	MTE 181: Mathematics for Elementary Teachers II		3	C	
	Natural Science - Quantitative (SQ)		4	C	
	Literacy and Critical Inquiry (L)		3		
	Minimum 2.50 GPA ASU Cumulative.				
	Milestone: Intent to Progress Online Form.				
	Term hours subtotal:		13		
Term 4	46 - 59 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	Complete 2 courses:				
	BLE 220: Foundations of Structured English Immersion OR ECD 211: The Developing Child: Theory into Practice, Prenatal-Grade 3 (SB) OR ECD 220: Nutrition, Health, and Safety for Young Children OR TEL 212: Understanding the Culturally Diverse Child (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & C)		5	C	
	EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)		3	C	

Upper Division Humanities, Fine Arts and Design (HU)		
Upper Division Social and Behavioral Sciences (SB)	3	C
RDG 334: Children's Literature and Elementary School Curriculum (HU)		
Elective	3	
Minimum 2.50 GPA ASU Cumulative.		
Milestone: Attend PTPP Enrollment Workshop.		
Milestone: DPS Fingerprint Clearance Card.		
Term hours subtotal:	14	

Term 5 60 - 75 Credit Hours	Hours	Minimum Grade	Notes
ECD 302: Foundations of Early Childhood Education	3	C	
ECD 312: Social/Emotional Foundations of Learning	3	C	
ECD 313: Technology in Early Childhood Education	3	C	
ECD 416: Social and Educational Policies Affecting Children and Families	3	C	
ECD 323: Building Home, School, and Community Partnerships (SB)	3	C	
ECD 396: Field Experience: Community-Based Early Childhood Education Setting	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours	Hours	Minimum Grade	Notes
ECD 315: Classroom Organization and Guidance of Young Children	3	C	
ECD 321: Emerging Language and Literacy	3	C	
ECD 324: Social Studies and Creative Arts Curriculum, Instruction and Assessment	3	C	
ECD 397: Field Experience II	1	Y	
ECD 406: Assessment: Birth-Grade 3	3	C	
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 92 - 105 Credit Hours	Hours	Minimum Grade	Notes
ECD 410: Science Curriculum, Instruction and Assessment	3	C	
ECD 412: Mathematics Curriculum, Instruction and Assessment	3	C	
ECD 413: Literacy Curriculum, Instruction and Assessment (L)	3	C	
ECD 477: Student Teaching: Birth to Pre-K	5	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
ECD 316: Teacher Research: Studying Children in Context	3	C	
ECD 478: Student Teaching in Early Childhood (K-3)	9	Y	
BLE 408: SEI for Linguistically Diverse Learners	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

 First-Year Composition


















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Elementary Education, BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

TEEEDBAE

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Recommend HST 109 for HU, H and covers U.S. Constitution for certification requirement
 MAT 142: College Mathematics (MA)	3	C	
 HST 109: United States to 1865 (HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
ASU 101: The ASU Experience	1	C	
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
 MTE 180: Mathematics for Elementary Teachers I	3	C	
 TEL 212: Understanding the Culturally Diverse Child (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3	C	
 MTE 181: Mathematics for Elementary Teachers II	3	C	
 TEL 212: Understanding the Culturally Diverse Child (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & C) OR BLE 220: Foundations of Structured English Immersion OR RDG 334: Children's Literature and Elementary School Curriculum (HU)	3	C	
Literacy and Critical Inquiry (L)	3		
Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB)	3		
 Complete First-Year Composition requirement.			
Minimum 2.50 GPA ASU Cumulative.			
Milestone: Intent to Progress Online Form.			
Term hours subtotal:	15		
Term 4 45 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TEL 212: Understanding the Culturally Diverse Child (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & C) OR BLE 220: Foundations of Structured English Immersion OR RDG 334: Children's Literature and Elementary School Curriculum (HU)	6	C	
 Natural Science - Quantitative (SQ)	4	C	
Global Awareness (G)	3		

Elective	3
Minimum 2.50 GPA ASU Cumulative.	
Milestone: Must complete at least 60 credits to progress into PTPP.	
Milestone: Attend PTPP Enrollment Workshop.	
Milestone: DPS Fingerprint Clearance Card.	
Term hours subtotal:	16

Term 5 61 - 76 Credit Hours	Hours	Minimum Grade	Notes
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
EED 433: Language Method Management and Assessment	3	C	
EED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 77 - 92 Credit Hours	Hours	Minimum Grade	Notes
SPF 301: Culture and Schooling (L)	3	C	
EDP 311: Educational Psychology for Future Teachers (SB)	3	C	
RDG 322: Language Literacy 1 in Elementary Schools	3	C	
EED 324: Social Studies in Elementary Schools	3	C	
EED 397: Field Experience II	1	Y	
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 93 - 105 Credit Hours	Hours	Minimum Grade	Notes
EED 411: Science in Elementary Schools	3	C	
EED 412: Mathematics in Elementary Schools	3	C	
RDG 413: Language Literacy 2 in Elementary Schools	3	C	
EED 478: Student Teaching in the Elementary School	4	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
EED 478: Student Teaching in the Elementary School	9	Y	
SPE 416: Quality Practices in the Collaborative Classroom	3	C	
BLE 408: SEI for Linguistically Diverse Learners	3	C	
Term hours subtotal:	15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

 First-Year Composition





General Studies designations listed on the major map are current for the 2011 - 2012 academic year.






2011 - 2012 Major Map Elementary Education (Diversity in Language and Learning),BAE







Mary Lou Fulton Teachers College



Campus:Polytechnic, Tempe, West

TEDLLBAE

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> ASU 101 is for freshman students only. Not required for transfer students An SAT, ACT, Accuplacer, or TOEFL score determines your placement into First-Year Composition courses ASU Math Placement Exam score determines placement into Mathematics course Recommended HST109 for HU, H and covers US Constitution for certification requirement
 HST 109: United States to 1865 (HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
 MAT 142: College Mathematics (MA)	3	C	
ASU 101: The ASU Experience	1	C	
Elective	3		
Term hours subtotal:	13		

Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 MTE 180: Mathematics for Elementary Teachers I	3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
 RDG 334: Children's Literature and Elementary School Curriculum (HU) OR SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3	C	
 MTE 181: Mathematics for Elementary Teachers II	3	C	
 Natural Science - Quantitative (SQ)	4	C	
 RDG 334: Children's Literature and Elementary School Curriculum (HU) OR SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Second Language	3-4		
Minimum 2.50 GPA ASU Cumulative.			
Maintain 2.50 GPA in Critical Tracking Courses.			
Milestone: Submit intent to progress form (online)			
 Complete First-Year Composition requirement.			
Term hours subtotal:	16-17		

Term 4 46 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3		
Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3	C	
Second Language	3-4		
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Maintain 2.50 GPA in Critical Tracking Courses.			

Milestone: Must complete at least 60 credits to progress into PTPP.
Milestone: Attend PTPP Enrollment Workshop.
Milestone: DPS Fingerprint Clearance Card.

Term hours subtotal: 15-16

Term 5 61 - 76 Credit Hours	Hours	Minimum Grade	Notes
BLE 400: Principles of Language Minority Education	3	C	
BLE 408: SEI for Linguistically Diverse Learners	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
BLE 396: Field Experience I	1	Y	
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 77 - 92 Credit Hours	Hours	Minimum Grade	Notes
BLE 324: Social Studies for Diverse Language Classrooms	3	C	
BLE 411: Science Curriculum, Instruction and Assessment in BLE/ESL Settings	3	C	
BLE 412: Mathematics Curriculum, Instruction and Assessment in BLE/ESL Settings	3	C	
EDP 311: Educational Psychology for Future Teachers (SB)	3	C	
MCE 447: Diversity in Families and Communities in Multicultural Settings	3	C	
BLE 397: Field Experience II	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 93 - 105 Credit Hours	Hours	Minimum Grade	Notes
BLE 322: Reading Methods in BLE/ESL Settings	3	C	
BLE 413: Language Arts in BLE/ESL Settings	3	C	
BLE 481: Reading Practicum	3	C	
BLE 478: Student Teaching in Diverse Language Classrooms	4		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
SPE 416: Quality Practices in the Collaborative Classroom	3	C	
BLE 335: Language Diversity in Classrooms (SB)	3	C	
BLE 478: Student Teaching in Diverse Language Classrooms	9	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
 • Global Awareness (G)
 • Historical Awareness (H)
 First-Year Composition





General Studies designations listed on the major map are current for the 2011 - 2012 academic year.






2011 - 2012 Major Map Secondary Education (Biological Sciences), BAE







Mary Lou Fulton Teachers College





Campus: Polytechnic, Tempe, West

TEBIOBAE

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 MAT 170: Precalculus (MA)	3	C	
ASU 101: The ASU Experience	1	C	
CHM 113: General Chemistry I (SQ)	4	C	
Term hours subtotal:	15		

Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
CHM 116: General Chemistry II (SQ)	4	C	
Term hours subtotal:	17		

Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 360: Animal Physiology OR PLB 308: Plant Physiology	4-3	C	
 BIO 320: Fundamentals of Ecology	3	C	
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
HST 109: United States to 1865 (HU or SB) & H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3	C	
Literacy and Critical Inquiry (L)	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
Milestone: Intent to Progress Online Form.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	16-15		

Term 4 49 - 65 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 345: Organic Evolution	3	C	
 BLE 220: Foundations of Structured English Immersion	3	C	
 MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) OR MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) OR BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	

Upper Division Social and Behavioral Sciences (SB)	3	
PHY 101: Introduction to Physics (SQ)	4	C
⚠ Minimum 2.50 GPA ASU Cumulative.		
⚠ Maintain 2.50 GPA in Critical Tracking Courses.		
Milestone: Must complete at least 60 credits to progress into PTPP.		
Milestone: Attend PTPP Enrollment Workshop.		
Milestone: DPS Fingerprint Clearance Card.		
Term hours subtotal:	17	

Term 5 66 - 78 Credit Hours	Hours	Minimum Grade	Notes
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
SED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 6 79 - 95 Credit Hours	Hours	Minimum Grade	Notes
BIO 340: General Genetics OR LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	
BLE 407: SEI for Secondary Students	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
BIO 480: Methods of Teaching Biology OR SED 482: Science Teaching Methods for Secondary Schools	3	C	
SED 397: Field Experience II	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 7 96 - 112 Credit Hours	Hours	Minimum Grade	Notes
BIO 370: Vertebrate Zoology OR BIO 385: Comparative Invertebrate Zoology OR MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory OR PLB 300: Comparative Plant Diversity (L or SG) OR PLB 310: The Flora of Arizona	4	C	
BIO 482: Advanced Methods of Teaching Biology	3	C	
BIO Upper Division Elective	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 496: Field Experience III	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 8 113 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	8-12	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	8-12		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

General Studies Awareness Requirements:

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

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

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

- Historical Awareness (H)

First-Year Composition



















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Business), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

EDBUSBAE

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> ASU 101 is for ASU freshman students only. Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course Recommend HST 109 for HU, H and covers U.S. constitution for certification requirement.
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 MAT 210: Brief Calculus (MA)	3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
ASU 101: The ASU Experience	1	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Minimum 2.50 GPA ASU Cumulative. Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	17		
Term 2 18 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CIS 105: Computer Applications and Information Technology (CS)	3	C	
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
MAT 211: Mathematics for Business Analysis	3		
Minimum 2.50 GPA ASU Cumulative. Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		
Term 3 33 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACC 231: Uses of Accounting Information I	3	C	
 ECN 221: Business Statistics (CS)	3	C	
 Natural Science - Quantitative (SQ)	4	C	
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Typing Course	1		
 Complete First-Year Composition requirement. Minimum 2.50 GPA ASU Cumulative. Maintain 2.50 GPA in Critical Tracking Courses. Milestone: Intent to Progress Online Form.			
Term hours subtotal:	14		
Term 4 47 - 61 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACC 241: Uses of Accounting Information II	3	C	
 BLE 220: Foundations of Structured English Immersion	3	C	
FIN 300: Fundamentals of Finance OR FIN 380: Personal Financial Management	3	C	
LES 305: Legal, Ethical, and Regulatory Issues in Business	3	C	

ENG 301: Writing for the Professions (L)	3	C
Minimum 2.50 GPA ASU Cumulative.		
Maintain 2.50 GPA in Critical Tracking Courses.		
Milestone: Must complete at least 60 credits to progress into PTPP.		
Milestone: Attend PTPP Enrollment Workshop.		
Milestone: DPS Fingerprint Clearance Card.		
Term hours subtotal:	15	

Term 5 62 - 77 Credit Hours	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
SED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 78 - 96 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Organization and Management Leadership	3	C	
MKT 300: Marketing and Business Performance	3	C	
BLE 407: SEI for Secondary Students	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
BUE 480: Teaching Business Subjects	3	C	
SED 397: Field Experience II	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	19		

Term 7 97 - 112 Credit Hours	Hours	Minimum Grade	Notes
MKT 391: Essentials of Selling OR MKT 420: Retail Management	3	C	
MGT 440: Entrepreneurship	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
BUE 481: Technology in Business and Vocational Education	3	C	
SED 496: Field Experience III	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 8 113 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	8-12	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	8-12		

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

General Studies Awareness Requirements:

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

 First-Year Composition

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)


















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Chemistry), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

TECHMBAE

Term 1 0 - 18 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	6	C	
ASU 101: The ASU Experience	1	C	
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Minimum 2.50 GPA ASU Cumulative.			
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	18		
Term 2 19 - 38 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	6	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Minimum 2.50 GPA ASU Cumulative.			
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	20		
Term 3 39 - 55 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3		
Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB)	3		
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4		
Social and Behavioral Sciences (SB)	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Milestone: Submit intent to progress form (online)			
Term hours subtotal:	17		
Term 4 56 - 70 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	
 CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory I	4	C	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	

CHM 325: Analytical Chemistry AND CHM 326: Analytical Chemistry Laboratory	4	C
Minimum 2.50 GPA ASU Cumulative.		
Maintain 2.50 GPA in Critical Tracking Courses.		
Milestone: Must complete at least 60 credits to progress into PTPP.		
Milestone: Attend PTPP Enrollment Workshop.		
Milestone: DPS Fingerprint Clearance Card.		
Term hours subtotal:	15	

Term 5 71 - 86 Credit Hours	Hours	Minimum Grade	Notes
CHM 341: Elementary Physical Chemistry OR CHM 345: Physical Chemistry I AND CHM 346: Physical Chemistry II	3-4	C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
SED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16-17		

Term 6 87 - 102 Credit Hours	Hours	Minimum Grade	Notes
BCH 361: Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry	3	C	
BLE 407: SEI for Secondary Students	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
RDG 323: Literacy Processes in Content Areas	3		
CHM 480: Methods of Teaching Chemistry	3	C	
SED 397: Field Experience II	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 103 - 112 Credit Hours	Hours	Minimum Grade	Notes
BCH 361: Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry	3	C	
SED 321: Critical Issues in Secondary Education (L)	3		
SED 322: Classroom Leadership in Secondary Schools	3		
SED 496: Field Experience III	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	10		

Term 8 113 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	8-12	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	8-12		

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

General University Requirements Legend

General Studies Core Requirements:

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

General Studies Awareness Requirements:

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

First-Year Composition


















Total Community College Hrs: 64 maximum





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

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Earth & Space Sciences), BAE

Mary Lou Fulton Teachers College
Campus: Polytechnic, Tempe, West
EDESSBAE

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 GLG 101: Introduction to Geology I (Physical) (SQ & G) AND GLG 103: Introduction to Geology I-Laboratory (SQ)	4	C	
 MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
 SES 111: Exploration of Science Teaching	1	C	
ASU 101: The ASU Experience	1	C	
Term hours subtotal:	16-17		
Term 2 17 - 34 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AST 111: Introduction to Solar Systems Astronomy (SQ) AND AST 113: Astronomy Laboratory I (SQ)	4	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) OR GLG 106: Habitable Worlds (SQ) OR GLG 108: Water Planet OR GLG 110: Geologic Disasters and the Environment (SG & G) AND GLG 111: Geologic Disasters Laboratory (SG)	4	C	
 PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Term hours subtotal:	18		
Term 3 35 - 51 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) AND AST 114: Astronomy Laboratory II (SQ) OR GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) OR GLG 106: Habitable Worlds (SQ) OR GLG 108: Water Planet OR GLG 110: Geologic Disasters and the Environment (SG & G) AND GLG 111: Geologic Disasters Laboratory (SG)	4	C	
EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3	C	
GLG 398: Earth Science in Arizona	4	C	
GLG 305: Dynamic Earth OR GLG 310: Structural Geology	3	C	
Humanities, Fine Arts and Design (HU)	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
 Complete Mathematics (MA) requirement.			
 Complete First-Year Composition requirement.			
Milestone: Intent to Progress Online Form.			

Term hours subtotal:		17		
Term 4	52 - 64 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
	BLE 220: Foundations of Structured English Immersion	3	C	
	AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) OR AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) OR GLG 325: Oceanography OR GLG 327: Earth's Critical Zone OR GPH 212: Introduction to Meteorology (SQ) OR GPH 213: Introduction to Climatology (SG) OR SES 311: Essentials of Astrobiology: Exploration for Life in the Universe	3	C	
	GLG 321: Mineralogy	4	C	
	HST 109: United States to 1865 ((HU or SB) & H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
	Minimum 2.50 GPA ASU Cumulative.			
	Maintain 2.50 GPA in Critical Tracking Courses.			
	Milestone: Must complete at least 60 credits to progress into PTPP.			
	Milestone: Attend PTPP Enrollment Workshop.			
	Milestone: DPS Fingerprint Clearance Card.			
Term hours subtotal:		13		
Term 5	65 - 80 Credit Hours	Hours	Minimum Grade	Notes
	AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) OR AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) OR GLG 325: Oceanography OR GLG 327: Earth's Critical Zone OR GPH 212: Introduction to Meteorology (SQ) OR GPH 213: Introduction to Climatology (SG) OR SES 311: Essentials of Astrobiology: Exploration for Life in the Universe	3	C	
	SED 396: Field Experience I	1	Y	
	TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
	TEL 313: Educational Technology in the K-12 Curriculum	3	C	
	TEL 314: Classroom Assessment	3	C	
	TEL 315: Child and Adolescent Development (L or SB)	3	C	
	Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16		
Term 6	81 - 96 Credit Hours	Hours	Minimum Grade	Notes
	AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) OR AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) OR GLG 325: Oceanography OR GLG 327: Earth's Critical Zone OR GPH 212: Introduction to Meteorology (SQ) OR GPH 213: Introduction to Climatology (SG) OR SES 311: Essentials of Astrobiology: Exploration for Life in the Universe	3	C	
	GLG 451: Field Geology I (L)	3	C	
	BLE 407: SEI for Secondary Students	3	C	
	RDG 323: Literacy Processes in Content Areas	3	C	
	SED 397: Field Experience II	1	Y	
	SPE 417: Inclusion Practices at the Secondary Level	3	C	
	Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16		
Term 7	97 - 109 Credit Hours	Hours	Minimum Grade	Notes
	GLG 490: Teaching Earth and Space Sciences	3	C	
	SED 321: Critical Issues in Secondary Education (L)	3		
	SED 322: Classroom Leadership in Secondary Schools	3	C	
	SED 496: Field Experience III	1	Y	
	Upper Division Social and Behavioral Sciences (SB)	3		
	Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		13		
Minimum				

Term 8	110 - 120 Credit Hours	Hours	Grade	Notes
	SED 478: Student Teaching in the Secondary School	11	Y	
	Minimum 2.50 GPA ASU Cumulative.			
	Term hours subtotal:	11		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

 First-Year Composition



















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Economics), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

EDECNBAE

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> ASU 101 is for ASU freshman students only. Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course Recommend HST 109 for HU, H and covers US constitution for certification requirement
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 MAT 210: Brief Calculus (MA)	3	C	
ASU 101: The ASU Experience	1	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
 MAT 211: Mathematics for Business Analysis	3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ECN 313: Intermediate Macroeconomic Theory (SB) OR ECN 314: Course not found	3	C	
 STP 226: Elements of Statistics (CS) OR ECN 231: Honors Business Statistics (CS)	3	C	
 Natural Science - Quantitative (SQ)	4		
ECN Upper Division Elective	3	C	
Related Area Courses	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Maintain 2.50 GPA in Critical Tracking Courses.			
Milestone: Intent to Progress Online Form.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ECN 313: Intermediate Macroeconomic Theory (SB) OR ECN 314: Intermediate Microeconomic Theory (SB)	3	C	
 BLE 220: Foundations of Structured English Immersion	3	C	
ECN 231: Honors Business Statistics (CS) OR ECN 410: Applied Business Forecasting OR ECN 425: Introduction to Econometrics	3	C	
ECN Upper Division Elective	3	C	
Related Area Courses	3	C	

❗ Minimum 2.50 GPA ASU Cumulative.

❗ Maintain 2.50 GPA in Critical Tracking Courses.

Milestone: Must complete at least 60 credits to progress into PTPP.

Milestone: Attend PTPP Enrollment Workshop.

Milestone: DPS Fingerprint Clearance Card.

Term hours subtotal: 15

Term 5 64 - 76 Credit Hours	Hours	Minimum Grade	Notes
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
SED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 6 77 - 92 Credit Hours	Hours	Minimum Grade	Notes
ECN Upper Division Elective	3	C	
BLE 407: SEI for Secondary Students	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
Upper Division Methods 1 Course	3		
SED 397: Field Experience II	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours	Hours	Minimum Grade	Notes
ECN 475: Capstone in Economics (L) OR ECN 493: Honors Thesis (L)	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
Upper Division Methods 2 Course	3		
ECN Upper Division Elective	3	C	
SED 496: Field Experience III	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	12-8	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12-8		

Related Area Courses	Methods 1	Methods 2
ACC Elective	SED 496: Field Experience III	SED 496: Field Experience III
CIS Elective	BIO 480: Methods of Teaching Biology	BIO 482: Advanced Methods of Teaching Biology
ECN Elective	BUE 480: Teaching Business Subjects	BUE 481: Technology in Business and Vocational Education
FIN Upper Division Elective	CHM 480: Methods of Teaching Chemistry	ENG 482: Methods of Teaching English: Language (L)
GCU Upper Division Elective	ENG 480: Methods of Teaching English: Composition (L)	ENG 482: Methods of Teaching English: Language (L)
HST Upper Division Elective	SLC 479: Introduction to Teaching Foreign Languages	GCU 414: Teaching Geography Standards
MAT Upper Division Elective		SLC 480: Methods of Teaching Foreign Languages
MGT Upper Division Elective		

MKT Upper Division Elective	FLA 479: Introduction to Teaching Foreign Languages	FLA 480: Methods of Teaching Foreign Languages
PHI Upper Division Elective		
POS Upper Division Elective	HST 480: Methods of Teaching History: Classroom Resources	HST 481: Methods of Teaching History: Community Resources
SCM Upper Division Elective	MTE 482: Methods of Teaching Mathematics in Secondary School	MTE 494: Methods of Teaching Math in Secondary Schools
STP Upper Division Elective	PHY 480: Methods of Teaching Physics	PHY 484: Internship
	SED 480: Special Methods of Teaching Social Studies	SED 480: Special Methods of Teaching Social Studies
	GLG 490: Methods in Geoscience Teaching	

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (English), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

TEENGBAE

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3		
 MAT 142: College Mathematics (MA)	3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
ASU 101: The ASU Experience	1	C	
Global Awareness (G)	3	C	
Term hours subtotal:	17		
Term 2 18 - 33 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Natural Science - Quantitative (SQ)	4	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 3 34 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	
 ENG Elective	3	C	
ENG 221: Survey of English Literature (HU)	3	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	C	
Elective	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
Milestone: Submit intent to progress form (online)			
Term hours subtotal:	15		
Term 4 49 - 63 Credit Hours	Hours	Minimum Grade	Notes
ENG 222: Survey of English Literature (HU & H)	3	C	
ENG Elective	3	C	
ENG 241: Literatures of the United States to 1860 (HU)	3	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	C
ENG 333: American Ethnic Literature ((L or HU) & C) OR ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) OR ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) OR ENG 359: American Indian Literature ((L or HU) & C) OR ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) OR ENG 364: Women and Literature (HU) OR ENG 461: Women and Literature	3	C
⚠ Minimum 2.50 GPA ASU Cumulative.		
⚠ Maintain 2.50 GPA in Critical Tracking Courses.		
Milestone: Attend PTPP Enrollment Workshop.		
Milestone: Must complete at least 60 credits to progress into PTPP.		
Milestone: DPS Fingerprint Clearance Card.		
Term hours subtotal:	15	

Term 5 64 - 79 Credit Hours	Hours	Minimum Grade	Notes
ENG 242: Literatures of the United States, 1860 to Present (HU)	3	C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
SED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 80 - 95 Credit Hours	Hours	Minimum Grade	Notes
ENG Upper Division Elective	3	C	
ENG 480: Methods of Teaching English: Composition (L) OR SED 481: English Teaching Methods for Secondary Schools	3	C	
BLE 407: SEI for Secondary Students	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
SED 397: Field Experience II	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 96 - 111 Credit Hours	Hours	Minimum Grade	Notes
ENG 422: Studies in Shakespeare (HU)	3	C	
ENG 471: Literature for Young Adults (HU)	3	C	
ENG 482: Methods of Teaching English: Language (L)	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 496: Field Experience III	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 8 112 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	9	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition


















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (French), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

EDFREBAE

Term 1	0 - 16 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	<ul style="list-style-type: none"> ASU 101 is for ASU freshman students only. Not required of transfer students AN SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in mathematics course French Related Area http://silc.asu.edu/undergraduate/majors-minors-cert
	MAT 142: College Mathematics (MA)		3	C	
	ASU 101: The ASU Experience		1	C	
	FRE 205: Readings in French Literature (G)		3	C	
	FRE Related Field		6	C	
	Minimum 2.50 GPA ASU Cumulative.				
	Maintain 2.50 GPA in Critical Tracking Courses.				
Term hours subtotal:			16		
Term 2	17 - 32 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	FRE 311: French Conversation (G)		3	C	
	SPE 222: Orientation to Education of Exceptional Children (SB & C)		3	C	
	Natural Science - Quantitative (SQ)		4	C	
	Social and Behavioral Sciences (SB)		3		
Term hours subtotal:			16		
Term 3	33 - 47 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	BLE 220: Foundations of Structured English Immersion		3	C	
	EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)		3		
	FRE 312: French Composition (G)		3	C	
	FRE 321: French Literature ((L or HU)& H)		3	C	
	SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory		3		
	Minimum 2.50 GPA ASU Cumulative.				
	Maintain 2.50 GPA in Critical Tracking Courses.				
	Milestone: Intent to Progress Online Form.				
	Complete First-Year Composition requirement.				
Term hours subtotal:			15		
Term 4	48 - 63 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	Natural Science - General (SG) OR Natural Science - Quantitative (SQ)		4	C	
	FRE 322: French Literature (L or HU)		3	C	
	FRE 415: French Civilization I (HU) OR FRE 416: French Civilization II (HU & G) OR FRE 471: The Literature of Francophone Africa and the Caribbean (L or HU) OR FRE 472: Franco-Canadian Civilization OR FRE 394: Special Topics		3	C	
	FRE 441: French Literature of the 17th Century (HU) OR FRE 442: French Literature of the 17th Century (HU & H) OR FRE 445: French Literature of the 18th Century (L or HU) OR				

FRE 451: French Poetry of the 19th Century OR FRE 452: French Novel of the 19th Century (HU) OR FRE 453: Theater of the 19th Century (L or HU) OR FRE 461: Modern Narrative (HU) OR FRE 462: Modern Poetry (HU)	3	C
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3	C
Minimum 2.50 GPA ASU Cumulative.		
Maintain 2.50 GPA in Critical Tracking Courses.		
Milestone: Attend PTPP Enrollment Workshop.		
Milestone: Must complete at least 60 credits to progress into PTPP.		
Milestone: DPS Fingerprint Clearance Card.		
Term hours subtotal:	16	

Term 5 64 - 82 Credit Hours	Hours	Minimum Grade	Notes
FRE 315: French Phonetics	3	C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
SLC 479: Introduction to Teaching Foreign Languages	3	C	
SED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	19		

Term 6 83 - 98 Credit Hours	Hours	Minimum Grade	Notes
BLE 407: SEI for Secondary Students	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
SLC 480: Methods of Teaching Foreign Languages	3	C	
SED 397: Field Experience II	1	Y	
SLC 498: Ancient World on Film, Art and Culture of 19th century, Border and Global Narratives, Film, Literature in Leon&Barcelona, Spain, Hispanic World: A Cultural and Literary Overview, Issues in Syntax, Language and Learning Technology, Paris and Florence in the Middle Ages (1100-1500), Pro-Seminar, Society and Culture in Modern Europe, Stalinism in European Literature and Film	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 99 - 111 Credit Hours	Hours	Minimum Grade	Notes
FRE 412: Advanced Written French (G)	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
FRE 411: Advanced Spoken French (G)	3	C	
SED 496: Field Experience III	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 8 112 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	9-12	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9-12		

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

General Studies Core Requirements:

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

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

First-Year Composition














General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Geography), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

EDGCUBAE

Term 1 0 - 17 Credit Hours Critical course signified by 		Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
 GCU 102: Introduction to Human Geography (SB & G)		3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)		4	C	
ASU 101: The ASU Experience		1	C	
MAT 142: College Mathematics (MA)		3	C	
Elective		3		
Term hours subtotal:		17		
Term 2 18 - 33 Credit Hours Critical course signified by 		Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
 GCU 121: World Geography (SB & G)		3	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)		3	C	
GPH 111: Introduction to Physical Geography (SQ)		4	C	
Elective		3		
Term hours subtotal:		16		
Term 3 34 - 48 Credit Hours Critical course signified by 		Hours	Minimum Grade	Notes
Human Geography				
 GCU 141: Introduction to Economic Geography (SB & G) OR GCU 322: Geography of U.S. and Canada (SB & C) OR GCU 351: Population Geography (SB & G) OR GCU 361: Urban Geography (SB)		3	C	
EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)		3		
Physical Geography				
GPH 210: Society and Environment (G) OR GPH 211: Landform Processes (SQ) OR GPH 212: Introduction to Meteorology (SQ) AND GPH 214: Introduction to Meteorology Laboratory (SQ) OR GPH 314: Global Change (HU & G)		3-4	C	
HST 109: United States to 1865 ((HU or SB) & H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)		3		
Elective		3		
 Minimum 2.50 GPA ASU Cumulative.				
 Maintain 2.50 GPA in Critical Tracking Courses.				
Milestone: Intent to Progress Online Form.				
 Complete First-Year Composition requirement.				

❖ Complete Mathematics (MA) requirement.

Term hours subtotal: 15-16

Term 4 49 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ BLE 220: Foundations of Structured English Immersion	3	C	
GPH Upper Division Elective OR GCU Upper Division Elective	6-7	C	
HST 109: United States to 1865 (HU or SB) & H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3	C	
❖ Minimum 2.50 GPA ASU Cumulative.			
❖ Maintain 2.50 GPA in Critical Tracking Courses.			
Milestone: Attend PTPP Enrollment Workshop.			
Milestone: Must complete at least 60 credits to progress into PTPP.			
Milestone: DPS Fingerprint Clearance Card.			

Term hours subtotal: 15-16

Term 5 64 - 76 Credit Hours	Hours	Minimum Grade	Notes
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
SED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 13

Term 6 77 - 92 Credit Hours	Hours	Minimum Grade	Notes
BLE 407: SEI for Secondary Students	3	C	
GPH Upper Division Elective OR GCU Upper Division Elective	3-4	C	
RDG 323: Literacy Processes in Content Areas	3	C	
SED 480: Special Methods of Teaching Social Studies	3	C	
SED 397: Field Experience II	1	Y	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 16-17

Term 7 93 - 108 Credit Hours	Hours	Minimum Grade	Notes
GCU 414: Teaching Geography Standards	3	C	
GPH Upper Division Elective OR GCU Upper Division Elective	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 496: Field Experience III	1	Y	
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 16

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	12	Y	
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 12

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition


















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (German), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

EDGERBAE

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 GER 201: Intermediate German (G)	4	C	
ASU 101: The ASU Experience	1	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Minimum 2.50 GPA ASU Cumulative.			
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	17		
Term 2 18 - 34 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 GER 202: Intermediate German (G)	4	C	
 Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	17		
Term 3 35 - 50 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GER 311: German Conversation (G) OR GER 312: German Conversation (G)	3	C	
 GER Upper Division Elective	3	C	
 Natural Science - Quantitative (SQ)	4	C	
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3	C	
Related Area Course	3	C	
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Minimum 2.50 GPA ASU Cumulative.			
Maintain 2.50 GPA in Critical Tracking Courses.			
Milestone: DPS Fingerprint Clearance Card.			
Term hours subtotal:	16		
Term 4 51 - 65 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
GER 313: German Composition (G)	3	C	
GER Upper Division Elective	3	C	

SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3	C
TEL 315: Child and Adolescent Development (L or SB)	3	C
Related Area Course	3	C
Minimum 2.50 GPA ASU Cumulative.		
Maintain 2.50 GPA in Critical Tracking Courses.		
Milestone: Attend PTPP Enrollment Workshop.		
Milestone: Must complete at least 60 credits to progress into PTPP.		
Milestone: Intent to Progress Online Form.		
Term hours subtotal:	15	

Term 5 66 - 84 Credit Hours	Hours	Minimum Grade	Notes
GER 411: Advanced Grammar and Conversation (G)	3	C	
GER 421: German Literature (HU)	3	C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
SLC 479: Introduction to Teaching Foreign Languages	3	C	
SED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	19		

Term 6 85 - 100 Credit Hours	Hours	Minimum Grade	Notes
GER 412: Advanced Grammar and Composition (G)	3	C	
BLE 407: SEI for Secondary Students	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
SLC 480: Methods of Teaching Foreign Languages	3	C	
SED 397: Field Experience II	1	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 101 - 113 Credit Hours	Hours	Minimum Grade	Notes
GER 422: German Literature (L or HU)	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 496: Field Experience III	1	C	
SLC 498: Pro-Seminar	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 8 114 - 121 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	8-12	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	8-12		

Total Hours: 121

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

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

General Studies Awareness Requirements:

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

First-Year Composition

Total Community College Hrs: 64 maximum

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



















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.


2011 - 2012 Major Map Secondary Education (History), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

TEHISBAE

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ASU 101: The ASU Experience	1	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 HST 109: United States to 1865 (HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
 MAT 142: College Mathematics (MA)	3	C	
Non-U.S. History	3	C	
Global Awareness (G)	3	C	
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 HST 109: United States to 1865 (HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
History Related Area	3	C	
Term hours subtotal:	16		
Term 3 33 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3	C	
Complete 2 courses: History Related Area	6	C	
Non-U.S. History	3	C	
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
Milestone: Intent to Progress Online Form.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	15		
Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ)	4	C	
History Related Area	3	C	
Upper Division Non-U.S. History	3	C	
Complete 2 courses: Upper Division U.S History	6	C	
 Minimum 2.50 GPA ASU Cumulative.			


 Maintain 2.50 GPA in Critical Tracking Courses.


Milestone: Attend PTPP Enrollment Workshop.

Milestone: Must complete at least 60 credits to progress into PTPP.

Milestone: DPS Fingerprint Clearance Card.

Term hours subtotal: 16

Term 5 64 - 79 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
HST 300: Historical Inquiry OR HIS 300: Course not found	3	C	
SED 396: Field Experience I	1	Y	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 80 - 95 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
BLE 407: SEI for Secondary Students	3	C	
HST 498: Pro-Seminar OR HIS 498: Course not found	3	C	
HST 480: Methods of Teaching History: Classroom Resources OR SED 480: Special Methods of Teaching Social Studies	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
SED 397: Field Experience II	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 96 - 111 Credit Hours	Hours	Minimum Grade	Notes
HST 481: Methods of Teaching History: Community Resources	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 496: Field Experience III	1	Y	
Elective	3		
Upper Division U.S History	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 8 112 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	9	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Non-U.S. History	U.S. History	Upper Division U.S. History
HST 101: Global History Since 1500 (HU & H & G)	HST 109: United States to 1865 ((HU or SB) & H)	HST 3** Elective
HST 102: Western Civilization (SB & H)	HST 110: United States Since 1865 (SB & H)	HST 4** Elective
HST 103: Western Civilization ((HU or SB) & H)	HST 204: Afr Amer History to 1865, Capitalism's Roots and the Constitution, Harlem Renaissance Culture, Historical Themes in the US, US: Atlantic World-Age of Piracy, US: US Presidency, US: War and American Society, US: War, Culture and Memory	
HST 104: Western Civilization ((HU or SB) & G & H)		
HST 105: Slavic Civilization ((HU or SB) & H)	HST 210: American Social History ((L or SB) & H)	

HST 106: Asian Civilizations ((HU or SB) & G & H)	HST 211: American Jewish History (SB & H)
HST 107: Asian Civilizations (SB & G & H)	HST 294: American Conservatism, Introduction to African American Studies, The U.S.A. 1776-1876, The West and the World, U.S. in the 19th Century
HST 108: Introduction to Japan (SB & G & H)	
HST 201: Healing and Culture, Historical Themes in Asia, Modern Korea	HST 306: Asia: U.S. and China, Studies in United States History, The Civil Rights Movement, US Constitution: History, US: American Indian Leadership, US: American Presidency, US: Disasters in History, US: Environmental History, US: Grand Canyon History, US: Jazz and Culture in U.S. History, US: Liberty and War, US: Origins Civil Rights U.S. Law, US: Race and the Law, US: Race in U.S. History, US: Urban Rebellion, US: War and American Memory, US: War, Liberty, and Law, Women in US History
HST 202: Historical Themes in Europe ((HU or SB) & H)	
HST 203: Historical Themes in Latin America (SB & H)	HST 313: American Cultural History to 1865 (SB & H)
HST 204: Afr Amer History to 1865, Capitalism's Roots and the Constitution, Harlem Renaissance Culture, Historical Themes in the US, US: Atlantic World-Age of Piracy, US: US Presidency, US: War and American Society, US: War, Culture and Memory	HST 314: American Cultural History Since 1865 ((HU or SB) & H)
HST 240: Introduction to Southeast Asia ((HU or SB) & G)	HST 315: Political History of the U S (SB & H)
HST 303: ASIA: Confucian Texts, ASIA: Japan in Film, ASIA: Modern South Asia, ASIA: Women in Asia, Studies in Asian History, Technology,Culture&Society in Modern Japan	HST 316: 20th-Century U.S. Foreign Relations (SB & G & H)
HST 304: Barbarians in Dark Ages, Britain and New Imperialism, Creation and Destruction, End of Roman Republic, Engl Middle Ages 1471-1529, Europe in World History Since 1789, European Enlightenment, European Migrations, History of Jewish Mysticism, King Alfred: Man or Myth?, Medieval England 1216-1399, Middle Ages Recyc: Medievalism, Migration in Modern European History, Occup and Collab w/Europe, Pausanias: Trvrlr in Roman, Religion/RblIn:SE Englnd, Rockers/Rebels/Romantics, Scottish History, Shakespeare and the Virgin Queen, Shoah: History, Memory, and Representation, Studies in European History, Survey Eng Literature&Culture Cambridge Connection	HST 318: History of Engineering ((L or SB) & G)
HST 305: Studies in Latin American History	HST 319: U.S. Urban History to 1850 (SB & H)
HST 309: Exploration and Empire ((L or HU)& H)	HST 320: U.S. Urban History since 1850 (SB & H)
HST 347: Ancient Greece (SB & H)	HST 321: Constitutional Hist/US to 1965 (SB & H)
HST 348: Rome (SB & H)	HST 322: Constitutional History of the United States Since 1865 (SB & H)
HST 349: Early Middle Ages ((HU or SB) & H)	HST 325: Immigration and Ethnicity in the United States (SB & H & C)
HST 350: Later Middle Ages ((HU or SB) & H)	HST 327: Women in US History 1600 to 1880 ((HU or SB) & C & H)
HST 351: Renaissance Europe ((L or HU or SB) & H)	HST 328: Women in US History, 1880-1980 ((HU or SB) & C & H)
HST 352: Europe's Reformations ((L or HU or SB) & H)	HST 329: Women in 20th-Century US West (H & C)
HST 353: Old Regime in Europe (SB & H)	HST 330: Mexican Women in the U.S. ((L or SB) & H & C)
HST 354: Revolutionary Europe (SB & H)	HST 331: Mexican American History to 1900 (SB & H & C)
HST 355: Total War & the Crisis of Modernity (SB & G & H)	HST 332: Mexican American History Since 1900 (SB & H & C)
HST 356: Europe since 1945 (SB & G & H)	HST 333: African American History to 1865 (SB & H & C)
HST 358: Jewish History from the Bible to 1492 (SB & H)	HST 334: African American History Since 1865 ((HU or SB) & C & H)
HST 359: Jewish History from 1492 to 1948 (SB & G & H)	HST 337: American Indian History to 1900 ((HU or SB) & C & H)
HST 361: Witchcraft and Heresy in Europe ((L or HU)& H)	HST 338: American Indian History since 1900 ((HU or SB) & C & H)
	HST 341: U.S. West 19th Century (SB & H)
	HST 342: US West 20th Century (SB & H)
	HST 343: American Southwest ((L or SB) & H)
	HST 344: Arizona (SB & H)
	HST 394: African American History II, American History and American Film, American Islam, American Military History,

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)
HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)
HST 364: Sex and Society in Modern Europe ((L or SB) & H)
HST 365: Women in Europe, 1750 to Present ((L or HU or SB) & H)
HST 366: England to 1689 (SB & H)
HST 367: Modern Britain (SB & H)
HST 368: Culture and Imagination in European History (HU & H)
HST 370: Eastern Europe in Transition (SB & G & H)
HST 372: Modern Middle East (SB & G & H)
HST 375: Colonial Latin America (SB & H)
HST 376: Modern Latin America (SB & H)
HST 377: Women in Colonial Latin America (H)
HST 378: Latin American Women: The National Period (SB & G & H)
HST 380: Cultural History of Latin America (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 or HU) & H)
HST 387: Japan ((L or SB) & H)
HST 388: Japan (SB & G & H)
HST 389: Japan Society and Values/Premod
HST 391: Modern Southeast Asia (SB & G & H)
HST 419: 20th Century Chicano/a History
HST 423: The Tudor Monarchy (SB & H)
HST 424: Stuart Transform of England (SB & H)
HST 426: The British Empire (SB & H)
HST 427: French Revolut/Napoleonic Era (SB & H)
HST 428: Modern France (SB & G & H)
HST 429: Modern Germany (SB & G & H)
HST 431: East Euro/the Balkans-Pre 1914 (SB & H)
HST 432: East Euro/ the Balkans-20 Cent (SB & G & H)
HST 435: The Russian Empire (SB & H)
HST 436: The Soviet Experiment (SB & G & H)
HST 437: Spain through the Golden Age ((HU or SB) & H)
HST 438: Modern Spain ((HU or SB) & G & H)

HST 443: The United States & Latin America (SB & G & H)	Slave Narratives, U.S. 1900-1945 I, U.S. 1900-1945 II, U.S. and U.K. Comparative History
HST 445: 20th-Century Cuba (SB & G & H)	HST 405: Colonial American History to 1763 (SB & H)
HST 446: Colonial Mexico (SB & H)	HST 406: American Revolution/1763-1789 (SB & H)
HST 447: Modern Mexico (SB & H)	HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H)
HST 451: Chinese Cultural History ((HU or SB) & H)	HST 408: Civil War and Reconstruction ((L or SB) & H)
HST 452: Chinese Cultural History (SB & G & H)	HST 409: Emergence Modern U.S. 1877-1918 (SB & H)
HST 453: The People's Republic of China (SB & G & H)	HST 410: Modern U.S., 1918 to 1945 (SB & H)
HST 455: The United States and Japan (SB & G & H)	HST 411: Postwar U.S., 1945-1973 (SB & H)
HST 456: The Vietnam War (SB & G & H)	HST 412: Contemporary U.S./1973- Present (SB & H)
	HST 414: The Modern U.S. Economy (SB & H)
	HST 415: Unequal Sisters/Women-Pol/Cult ((L or SB) & H & C)
	HST 416: Western Rivers (L & H)
	HST 417: Topics in Mexican American History (SB & H & C)
	HST 443: The United States & Latin America (SB & G & H)
	HST 455: The United States and Japan (SB & G & H)
	HST 456: The Vietnam War (SB & G & H)
	HST 494: African American Cultural History, Engaging Arizona, North American Migrations
History Related Areas	
AFH Elective	
AFR Elective	
AFS Elective	
AIS Elective	
APA Elective	
APH Elective	
ARS Elective	
HON Elective	
HPS Elective	
HUM Elective	
PHI Elective	
POL Elective	
POS Elective	
REL Elective	
SOC Elective	
TCL Elective	
WSH Elective	
WST Elective	
INT 310: History of Interior Design I (HU & H)	

INT 311: History of Interior Design II (HU & H)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

MCO 418: History of Mass Communication (SB & H)

MUS 340: Classical Music in America, Music for the Concert Hall, Stage, and Screen, Western Music History

MUS 354: Beatles, Blues, Blues to Heavy Metal, Country, Elvis, Global Pop, Hip-Hop, Michael Jackson, Music Since the Beatles, Pop Divas from Madonna to Rihanna, Popular Music, Rock Since 1970, Rock: The Early Years, The Beatles After the Beatles, Women in Jazz

MUS 355: Survey of American Music (HU & C & H)

MUS 410: History of Women in Music (HU & C & H)

PUP 100: Introduction to Environmental Design (HU & H & G)

PUP 200: Cities in Cinema (HU & H & G)

PUP 412: History of the City ((L or HU)& H)

PUP 445: Women and Environments (C)

THE 320: History of the Theatre I (HU & H)

THE 321: History of Theatre (HU & H)

BIO 316: History of Biology: Conflicts and Controversies (H)

BIO 318: History of Medicine (H)

BIO 344: Origins, Evolution, and Creation

BIO 346: The Darwinian Revolution

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

CHI 413: Introduction to Literary Chinese I (HU)

CHI 414: Classical Chinese I, Classical Chinese II, Introduction to Literary Chinese II

FRE 205: Readings in French Literature (G)

FRE 319: Business French (G)

FRE 321: French Literature ((L or HU)& H)

FRE 322: French Literature (L or HU)

FRE 441: French Literature of the 17th Century (HU)

FRE 442: French Literature of the 17th Century (HU & H)

FRE 445: French Literature of the 18th Century (L or HU)

FRE 451: French Poetry of the 19th Century

FRE 452: French Novel of the 19th Century (HU)

FRE 453: Theater of the 19th Century (L or HU)

FRE 461: Modern Narrative (HU)

FRE 462: Modern Poetry (HU)

FRE 471: The Literature of Francophone Africa and the Caribbean (L or HU)

FRE 472: Franco-Canadian Civilization

GER 421: German Literature (HU)

GER 422: German Literature (L or HU)

GER 453: German Literary Masterpieces on Film (HU & H & G)

GRK 301: Ancient Greek Literature I (HU)

GRK 302: Ancient Greek Literature II (HU)

HEB 375: Contemporary Culture of Israel (HU & G)

ITA 325: Introduction to Italian Literature II (HU)

ITA 430: Italian Literature of the Middle Ages (HU)

ITA 441: Dante: Divina Commedia (L or HU)

ITA 443: Italian Literature of the Renaissance (HU & H)

ITA 446: Italian Literature of the 18th and 19th Centuries (HU)

ITA 449: 20th-Century Italian Literature (HU & G)

JPN 321: Reading Modern Japanese Texts I (L or HU) & G)

JPN 414: Introduction to Classical Japanese

LAT 421: Roman Literature (HU)

LAT 422: Roman Literature (HU)

POR 321: Luso-Brazilian Literature (HU)

RUS 321: Foundations of Russian Literature (HU & H)

RUS 322: Great Russian Writers of the 19th Century (L or HU)

RUS 323: Modern Russian Literature and the Soviet Legacy ((L or HU) & G)

RUS 420: Russian Poetry (L or HU)

RUS 421: Pushkin (L or HU)

RUS 423: Dostoyevsky (L or HU)

RUS 424: Tolstoy (L or HU)

RUS 425: Chekhov (L or HU)

RUS 430: Russian Short Story (L or HU)

RUS 441: Survey of Russian Culture ((L or HU) & G & H)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 425: Spanish Literature (HU)

SPA 426: Spanish Literature (HU)

SPA 427: Spanish American Literature (L)

SPA 428: Spanish American Literature (L & G)

SPA 429: Mexican Literature

SPA 434: Drama of the Golden Age

SPA 435: Cervantes-Don Quijote

SPA 454: 19th-Century Spanish American Narrative

SPA 456: 20th-Century Spanish American Fiction

SPA 464: Mexican American Literature ((HU or SB) & C)

SPA 485: Mexican American Short Story (L)

SPA 486: Mexican American Novel

SPA 487: Mexican American Drama

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition
















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Japanese), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

EDJPNBAE

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
 JPN 301: Third-Year Japanese I (G)	3	C	
 MAT 142: College Mathematics (MA)	3	C	
ASU 101: The ASU Experience	1	C	
HST 109: United States to 1865 ((HU or SB) & H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	1		
Minimum 2.50 GPA ASU Cumulative. Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3		
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 JPN 302: Third-Year Japanese II (G)	3	C	
 Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Minimum 2.50 GPA ASU Cumulative. Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 31 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ)	4	C	
Complete 2 courses: JPN Upper Division Elective	6	C	
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3	C	
Related Area: Historical Overview	3	C	
 Complete First-Year Composition requirement.			
Minimum 2.50 GPA ASU Cumulative. Maintain 2.50 GPA in Critical Tracking Courses. Milestone: Intent to Progress Online Form.			
Term hours subtotal:	16		
Term 4 47 - 61 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	
JPN Upper Division Elective	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3	C	
Related Areas	3	C	

Minimum 2.50 GPA ASU Cumulative.

Maintain 2.50 GPA in Critical Tracking Courses.

Milestone: Attend PTPP Enrollment Workshop.

Milestone: Must complete at least 60 credits to progress into PTPP.

Milestone: DPS Fingerprint Clearance Card.

Term hours subtotal: 15

Term 5 62 - 80 Credit Hours	Hours	Minimum Grade	Notes
JPN 414: Introduction to Classical Japanese	3	C	
SLC 421: Japanese Literature in Translation ((L or HU) & G)	3	C	
SLC 479: Introduction to Teaching Foreign Languages	3	C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
SED 396: Field Experience I	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	19		

Term 6 81 - 96 Credit Hours	Hours	Minimum Grade	Notes
JPN 401: Reading Modern Japanese Texts I ((L or HU) & G)	3	C	
BLE 407: SEI for Secondary Students	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
SLC 480: Methods of Teaching Foreign Languages	3	C	
SED 397: Field Experience II	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 97 - 112 Credit Hours	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i> JPN Upper Division Elective	6	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 496: Field Experience III	1	Y	
SLC 498: Pro-Seminar	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 8 113 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	8-12	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	8-12		

Related Area: Historical Overview	Related Area	Upper Division Japanese Electives
ARS 201: Art of Asia (HU & H & G)	ARS 472: Art of China (HU)	JPN 309: Japanese Oral Communication I
ARS 473: Art of Japan (HU)	ARS 473: Art of Japan (HU)	JPN 310: Japanese Oral Communication II
HST 108: Introduction to Japan (SB & G & H)	ARS 475: Chinese Painting (HU)	JPN 311: Japanese Composition I (G)
HST 387: Japan ((L or SB) & H)	GCU 326: Geography of Asia (SB & G)	JPN 312: Japanese Composition II (G)
REL 355: Japanese Cities and Cultures to 1800 (HU & H)	HST 106: Asian Civilizations ((HU or SB) & G & H)	JPN 394: Special Topics
REL 444: Religion in Japan (HU & H & G)	HST 107: Asian Civilizations (SB & G & H)	JPN 445: Readings in Modern Japanese Letters and Culture
	HST 108: Introduction to Japan (SB & G & H)	JPN 485: Literary Translation: Theory and Practice

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 or
HU)& H)

HST 387: Japan ((L or 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 Koreas (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 or HU) & G)

REL 355: Japanese Cities and Cultures to
1800 (HU & H)

REL 444: Religion in Japan (HU & H & G)

Total Hours: 120**Upper Division Hours:** 45 minimum**Major GPA:** 2.00 minimum**Cumulative GPA:** 2.00 minimum**Total hrs at ASU:** 30 minimum**Hrs Resident Credit for****Academic Recognition:** 56 minimum**Total Community College Hrs:** 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Mathematics), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

TEMATBAE

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> ASU 101 is for freshman students only. Not required for transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into First-Year Composition courses ASU Math Placement Exam score determines placement into Mathematics course
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
ASU 101: The ASU Experience	1	C	
HST 109: United States to 1865 (HU or SB) & H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		
Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 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: Object-Oriented Programming and Data Structures (CS)	3	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	
MAT 300: Mathematical Structures (L)	3	C	
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Social and Behavioral Sciences (SB)	3		
Elective	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
Milestone: Intent to Progress Online Form.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	16		
Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	
 Natural Science - Quantitative (SQ)	4	C	
MAT 310: Introduction to Geometry	3	C	
STP 420: Introductory Applied Statistics (CS)	3	C	
Elective	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			

Milestone: Must complete at least 60 credits to progress into PTPP.

Milestone: Attend PTPP Enrollment Workshop.

Milestone: DPS Fingerprint Clearance Card.

Term hours subtotal: 16

Term 5 64 - 79 Credit Hours	Hours	Minimum Grade	Notes
MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I	3	C	
SED 396: Field Experience I	1	Y	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 80 - 98 Credit Hours	Hours	Minimum Grade	Notes
BLE 407: SEI for Secondary Students	3	C	
MAT 342: Linear Algebra	3	C	
MAT 411: History and Philosophy of Mathematics (HU & H) OR MTE 483: Mathematics in the Secondary School	3	C	
MTE 482: Methods of Teaching Mathematics in Secondary School	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
SED 397: Field Experience II	1	Y	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	19		

Term 7 99 - 111 Credit Hours	Hours	Minimum Grade	Notes
MAT 443: Introduction to Abstract Algebra OR MAT 445: Theory of Numbers OR MAT 447: Cryptography	3	C	
MTE 494: Advanced Methods Teaching Math Secondary Schools	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 496: Field Experience III	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 8 112 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	9	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Physical Education), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic

ECPPEBAE

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 100: The Living World (SQ) OR Natural Science - Quantitative (SQ)	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 MAT 142: College Mathematics (MA)	3	C	
ASU 101: The ASU Experience	1	C	
EXW 212: Instructional Competency Laboratory OR PPE 210: Teaching Fitness Activities for K-12 Students OR PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 225: Teaching Cooperative and Initiative Games	2	C	
TEL 111: Exploration of Education (SB) OR Elective	3		
Term hours subtotal:	16		
Term 2 17 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
EXW 212: Instructional Competency Laboratory OR PPE 210: Teaching Fitness Activities for K-12 Students OR PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 225: Teaching Cooperative and Initiative Games	2	C	
HST 109: United States to 1865 (HU or SB) & H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		
Term 3 32 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG)	4	C	
 PGS 101: Introduction to Psychology (SB)	3	C	
EXW 212: Instructional Competency Laboratory OR PPE 210: Teaching Fitness Activities for K-12 Students OR PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 225: Teaching Cooperative and Initiative Games	2	C	
PPE 394: Intro to Sport, Physical Education and Activity	3		
Elective	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
Milestone: Intent to Progress Online Form.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	15		
Term 4 47 - 64 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	

❖ EDT 180: Computer Literacy (CS)	3	C
❖ TEL 212: Understanding the Culturally Diverse Child (C)	3	C
PPE 365: Teaching Physical Activity Concepts (L)	3	C
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3	
Elective	3	
❖ Minimum 2.50 GPA ASU Cumulative.		
❖ Maintain 2.50 GPA in Critical Tracking Courses.		
Milestone: Attend PTPP Enrollment Workshop.		
Milestone: Must complete at least 60 credits to progress into PTPP.		
Term hours subtotal:	18	

Term 5 65 - 79 Credit Hours	Hours	Minimum Grade	Notes
BLE 407: SEI for Secondary Students	3	C	
EDP 311: Educational Psychology for Future Teachers (SB)	3	C	
EXW 330: Kinesiological Foundations of Movement OR EXW 335: Physical Activity and Fitness Concepts	3-4	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15-16		

Term 6 80 - 96 Credit Hours	Hours	Minimum Grade	Notes
EXW 330: Kinesiological Foundations of Movement OR EXW 335: Physical Activity and Fitness Concepts	4-3	C	
PPE 350: Physical Education for the Elementary School	3	C	
PPE 355: Physical Education in the Secondary School	3		
PPE 360: Adapted and Inclusive Physical Education	3	C	
PPE 474: Field Experience in Physical Education	1		
RDG 323: Literacy Processes in Content Areas	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	17-16		

Term 7 97 - 108 Credit Hours	Hours	Minimum Grade	Notes
PPE 480: Professional Seminar for Physical Education	3	C	
PPE 484: Internship	6	C	
PPE OR EXW Upper Division Elective	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
PPE 484: Internship	6	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend
 General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

General Studies Awareness Requirements:

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

 First-Year Composition

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- 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 designations listed on the major map are current for the 2011 - 2012 academic year.


2011 - 2012 Major Map Secondary Education (Physics), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

EDPHYBAE

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> ASU101 is for freshman students only. Not required for transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into First-Year Composition courses ASU Math Placement Exam score determines placement into Mathematics courses Recommended HST109 for HU, H and meets the US Constitution requirement for certification
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ASU 101: The ASU Experience	1	C	
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	14		
Term 2 15 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) OR PHY 150: Physics I (SQ)	4	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	B	
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	17		
Term 3 32 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	
 PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) OR PHY 151: Physics II (SQ)	4	C	
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
Milestone: Intent to Progress Online Form.			
Term hours subtotal:	14		
Term 4 46 - 57 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PHY 201: Mathematical Methods in Physics I (CS)	3	C	
 PHY 241: University Physics III OR PHY 252: Physics III (SQ)	3-4	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
PHY Upper Division Elective	3	C	
 Minimum 2.50 GPA ASU Cumulative.			

 Maintain 2.50 GPA in Critical Tracking Courses.
Milestone: Must complete at least 56 credits to progress into PTPP.
Milestone: Attend PTPP Enrollment Workshop.
Milestone: DPS Fingerprint Clearance Card.
Term hours subtotal: 12-13

Term 5 58 - 75 Credit Hours	Hours	Minimum Grade	Notes
PHY 302: Mathematical Methods in Physics II	2	C	
PHY 310: Classical Particles, Fields, and Matter I	3	C	
SED 396: Field Experience I	1	Y	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
PHY Upper Division Elective	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	18		

Term 6 76 - 91 Credit Hours	Hours	Minimum Grade	Notes
BLE 407: SEI for Secondary Students	3	C	
PHY 333: Electronic Circuits and Measurements	3	C	
PHY 480: Methods of Teaching Physics	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
SED 397: Field Experience II	1	Y	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 92 - 108 Credit Hours	Hours	Minimum Grade	Notes
PHY 314: Quantum Physics I OR PHY 361: Introductory Modern Physics	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 496: Field Experience III	1	Y	
PHY Upper Division Elective	4	C	
SED Elective	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	12	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

 First-Year Composition





















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Political Science), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

TEPOLBAE

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> ASU 101 is for freshman students only. Not required for transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into First-Year Composition courses ASU Math Placement Exam score determines placement in mathematics course
 MAT 142: College Mathematics (MA)	3	C	
 POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G)	3	C	
ASU 101: The ASU Experience	1	C	
HST 109: United States to 1865 ((HU or SB) & H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
AFR OR AFH OR AFS OR ASB OR ASM OR CCS OR CSH OR CSS OR ECN OR GCU OR GPH OR HST OR PGS OR PSY OR SOC OR WSH OR WST Elective	3		
Term hours subtotal:	16		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G)	3	C	
 POS 210: Political Ideologies (SB)	3	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3	C	
 POS 301: Empirical Political Inquiry (SB)	3	C	
 POS Elective	3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
HST 109: United States to 1865 ((HU or SB) & H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
Milestone: Intent to Progress Online Form.			
Term hours subtotal:	16		
Term 4 49 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	
AFR OR AFH OR AFS OR ASB OR ASM OR CCS OR CSH OR CSS OR ECN OR GCU OR GPH OR HST OR PGS OR PSY OR SOC OR WSH OR WST Elective	6		
POS Upper Division Elective	6	C	

❗ Minimum 2.50 GPA ASU Cumulative.

❗ Maintain 2.50 GPA in Critical Tracking Courses.

Milestone: Must complete at least 60 credits to progress into PTPP.

Milestone: Attend PTPP Enrollment Workshop.

Milestone: DPS Fingerprint Clearance Card.

Term hours subtotal: 15

Term 5	64 - 78 Credit Hours	Hours	Minimum Grade	Notes
	POS 311: Arizona Constitution and Government OR POS 417: Arizona Political System (SB)	2-3	C	
	TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
	TEL 313: Educational Technology in the K-12 Curriculum	3	C	
	TEL 314: Classroom Assessment	3	C	
	TEL 315: Child and Adolescent Development (L or SB)	3	C	
	SED 396: Field Experience	1	Y	
	Minimum 2.50 GPA ASU Cumulative.			
	Term hours subtotal:	15-16		

Term 6	79 - 94 Credit Hours	Hours	Minimum Grade	Notes
	BLE 407: SEI for Secondary Students	3	C	• Minimum 2.50 ASU cumulative GPA
	RDG 323: Literacy Processes in Content Areas	3	C	
	SED 397: Field Experience II	1	Y	
	SED 480: Special Methods of Teaching Social Studies	3	C	
	SPE 417: Inclusion Practices at the Secondary Level	3	C	
	POS Upper Division Elective	3	C	
	Term hours subtotal:	16		

Term 7	95 - 110 Credit Hours	Hours	Minimum Grade	Notes
	HST 480: Methods of Teaching History: Classroom Resources OR HST 481: Methods of Teaching History: Community Resources	3	C	• Minimum 2.50 ASU cumulative GPA
	SED 321: Critical Issues in Secondary Education (L)	3	C	
	SED 322: Classroom Leadership in Secondary Schools	3	C	
	SED 496: Field Experience III	1	Y	
	AFR OR AFH OR AFS OR ASB OR ASM OR CCS OR CSH OR CSS OR ECN OR GCU OR GPH OR HST OR PGS OR PSY OR SOC OR WSH OR WST Elective	3		
	POS Upper Division Elective	3	C	
	Term hours subtotal:	16		

Term 8	111 - 120 Credit Hours	Hours	Minimum Grade	Notes
	SED 478: Student Teaching in the Secondary School	10	Y	• Minimum 2.50 ASU cumulative GPA
	Minimum 2.50 GPA ASU Cumulative.			
	Term hours subtotal:	10		

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Secondary Education (Spanish), BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

TESPABAE

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
 EDT 180: Computer Literacy (CS) OR EDT 321: Computer Literacy (CS)	3		
 MAT 142: College Mathematics (MA)	3	C	
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C	
ASU 101: The ASU Experience	1	C	
Elective	1		
Term hours subtotal:	15		
Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3	C	
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
 Natural Science - Quantitative (SQ)	4	C	
Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 3 32 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3	C	
SPA 325: Introduction to Hispanic Literature (HU)	3	C	
SPA 412: Advanced Conversation and Composition (G)	3	C	
SPA 413: Advanced Spanish Grammar (G)	3	C	
Upper Division SPA Civilizations	3	C	
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
Milestone: Intent to Progress Online Form.			
Term hours subtotal:	15		
Term 4 47 - 61 Credit Hours	Hours	Minimum Grade	Notes
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3	C	
SPA 400: Introduction to Spanish Linguistics	3	C	
SPA 425: Spanish Literature (HU)	3	C	
Upper Division SPA Literature	3	C	
SPA Upper Division Elective	3	C	
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			

Milestone: Must complete at least 60 credits to progress into PTPP.

Milestone: Attend PTPP Enrollment Workshop.

Milestone: DPS Fingerprint Clearance Card.

Term hours subtotal: 15

Term 5 62 - 80 Credit Hours	Hours	Minimum Grade	Notes
SED 396: Field Experience I	1	Y	
SLC 479: Introduction to Teaching Foreign Languages	3	C	
SPA 420: Applied Spanish Linguistics (L)	3	C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	19		

Term 6 81 - 96 Credit Hours	Hours	Minimum Grade	Notes
BLE 407: SEI for Secondary Students	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
Upper Division SPA Literature	3	C	
SED 397: Field Experience II	1	Y	
SLC 480: Methods of Teaching Foreign Languages	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 97 - 110 Credit Hours	Hours	Minimum Grade	Notes
Upper Division SPA Literature	3	C	
Upper Division SPA Civilizations	3	C	
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 496: Field Experience III	1	Y	
SLC 498: Pro-Seminar	1	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 8 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	10	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	10		

SPA Elective	SPA Civilizations	SPA Literature
SPA 394: Special Topics	SPA 471: Civilization of the Spanish Southwest ((L or HU) & C)	SPA 426: Spanish Literature (HU)
SPA 413: Advanced Spanish Grammar (G)	SPA 472: Spanish American Civilization (HU & H & G)	SPA 427: Spanish American Literature (L)
SPA 429: Mexican Literature	SPA 473: Spanish Civilization ((HU or SB) & G)	SPA 428: Spanish American Literature (L & G)
SPA 434: Drama of the Golden Age		SPA 429: Mexican Literature
SPA 435: Cervantes-Don Quijote		
SPA 454: 19th-Century Spanish American Narrative		
SPA 456: 20th-Century Spanish American Fiction		
SPA 474: Mexican Culture		

SPA 485: Mexican American Short Story (L)

SPA 486: Mexican American Novel

SPA 487: Mexican American Drama

SPA 494: Special Topics

POR 472: Luso-Brazilian Civilization (HU & G)

POR 494: Special Topics

Notes:

- Language majors are inherently flexible and certain courses are preparatory, and will not count toward degree requirements. Students are strongly advised to contact their academic advisor to discuss the applicability of courses.
- Language majors are inherently flexible and certain courses are preparatory and will not count toward degree requirements. Students are strongly advised to contact their academic advisor to discuss the applicability of courses.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition





























General Studies designations listed on the major map are current for the 2011 - 2012 academic year.


2011 - 2012 Major Map Special Education, BAE

Mary Lou Fulton Teachers College

Campus: Polytechnic, Tempe, West

TESPEBAE

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR  ENG 107 or ENG 108: English for Foreign Students	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 HST 109: United States to 1865 (HU or SB) & H) OR  HST 110: United States Since 1865 (SB & H)	3		
 MAT 142: College Mathematics (MA)	3	C	
ASU 101: The ASU Experience	1	C	
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR  ENG 107 or ENG 108: English for Foreign Students	3	C	
 MTE 180: Mathematics for Elementary Teachers I	3	C	
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
 Natural Science - Quantitative (SQ) OR  Natural Science - General (SG)	4	C	
Global Awareness (G)	3		
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EDT 180: Computer Literacy (CS) OR  EDT 321: Computer Literacy (CS)	3	C	
 MTE 181: Mathematics for Elementary Teachers II	3	C	
 Natural Science - Quantitative (SQ) OR  Natural Science - General (SG)	4	C	
Social and Behavioral Sciences (SB)	3		
Elective	3		
 Minimum 2.50 GPA ASU Cumulative.			
 Maintain 2.50 GPA in Critical Tracking Courses.			
 Complete First-Year Composition requirement.			
Milestone: Intent to Progress Online Form.			
Term hours subtotal:	16		
Term 4 46 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BLE 220: Foundations of Structured English Immersion	3		<ul style="list-style-type: none"> • Must complete 60 credits to progress into PTPP
 TEL 212: Understanding the Culturally Diverse Child (C)	3	C	
Humanities, Fine Arts and Design (HU)	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3	C	
Elective	3	C	
 Minimum 2.50 GPA ASU Cumulative.			

 Maintain 2.50 GPA in Critical Tracking Courses.

Milestone: DPS Fingerprint Clearance Card.

Milestone: Attend PTPP Enrollment Workshop.

Term hours subtotal: 15

Term 5 61 - 76 Credit Hours	Hours	Minimum Grade	Notes
EED 433: Language Method Management and Assessment	3	C	
SPE 396: Field Experience I	1	Y	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
TEL 314: Classroom Assessment	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 77 - 91 Credit Hours	Hours	Minimum Grade	Notes
RDG 322: Language Literacy 1 in Elementary Schools	3	C	
SPE 310: Professional Practices and Foundations in Special Education	3	C	
SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth	3	C	
SPE 322: Behavior Management and Consultation	3	C	
SPE 397: Field Experience II	1	Y	
Elective	2		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 92 - 105 Credit Hours	Hours	Minimum Grade	Notes
SPE 320: Assessment and Evaluation of Children with Special Needs (L)	3	C	
SPE 424: Methods of Cross-Categorical Special Education	3	C	
SPE 478: Student Teaching in Special Education	8	Y	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
EED 412: Mathematics in Elementary Schools	3	C	
EED 478: Student Teaching in the Elementary School	9		
SPE 431: Collaborative Teaching Methods for General Education Classroom Environments	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)














First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Aeronautical Management Technology (Air Transportation Management), BS

College of Technology and Innovation

Campus: **Polytechnic** **WUE**
TSAMTMB

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 101: Introduction to Aeronautical Management Technology	1	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 AMT 182: Private Pilot Ground School	3	C	
 AMT 220: Aviation Meteorology	3	C	
 MAT 265: Calculus for Engineers I (MA)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Minimum 2.00 GPA in AMT.			
Term hours subtotal:	13		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4		<ul style="list-style-type: none"> • PGS 101 required pre-requisite for PSY 230
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PGS 101: Introduction to Psychology (SB)	3		
Humanities, Fine Arts and Design (HU)	3		
 Complete MAT 265 course(s).			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 280: Aerospace Structures, Materials and Systems	4	C	
 PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
AMT 201: Air Traffic Control	3	C	
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) AND Historical Awareness (H)	3		
Technical Elective	3		
 Complete First-Year Composition requirement.			
Term hours subtotal:	17		
Term 4 47 - 62 Credit Hours	Hours	Minimum Grade	Notes
AMT 287: Aircraft Powerplants	4	C	
PSY 230: Introduction to Statistics (CS)	3		
Complete 2 courses: Technical Elective	6		
Literacy and Critical Inquiry (L)	3		
Minimum 2.00 GPA in AMT.			
Term hours subtotal:	16		
Term 5 63 - 77 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
AMT 308: Air Transportation (G)	3	C	

AMT 350: Aircraft Design and Logistics Management	3	C
AMT 442: Aviation Law/Regulations	3	C
OMT 343: Occupational Safety and Ergonomics	3	
Upper Division Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Humanities, Fine Arts and Design (HU) AND Historical Awareness (H) OR Upper Division Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Upper Division Social and Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Term hours subtotal:	15	

Term 6 78 - 93 Credit Hours	Hours	Minimum Grade	Notes
AMT 330: Managing Financial Resources in Aviation	3	C	
AMT 396: Aviation Professional	1	C	
AMT 444: Airport Management and Planning	3	C	
OMT 452: Industrial Human Resource Management	3		
TMC 346: Management Dynamics	3		
Upper Division Technical Elective	3		
Term hours subtotal:	16		

Term 7 94 - 105 Credit Hours	Hours	Minimum Grade	Notes
AMT 408: National Aviation Policy	3	C	
AMT 410: Aviation Safety and Human Factors	3	C	
OMT 430: Ethical Issues in Technology	3		
OMT 480: Organizational Effectiveness	3		
Term hours subtotal:	12		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
AMT 484: Internship	3	C	
AMT 489: Airline Administration	3	C	
AMT 491: Aviation Management Capstone	3	C	
OMT 456: Introduction to Organized Labor	3		
TWC 401: Principles of Technical Communication (L) OR TWC 446: Technical and Scientific Reports (L)	3		
Term hours subtotal:	15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Aeronautical Management Technology (Professional Flight),BS

College of Technology and Innovation

Campus:Polytechnic

TSAMTFBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 101: Introduction to Aeronautical Management Technology	1	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 AMT 182: Private Pilot Ground School	3	C	
 AMT 220: Aviation Meteorology	3	C	
 MAT 265: Calculus for Engineers I (MA)	3	C	
 AMT 194: Flight Operations and Safety I	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Milestone: Secondary Admission to Professional Status.			
Term hours subtotal:	14		
Term 2 15 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	<ul style="list-style-type: none"> • AMT 194/150 Flight Operations and Safety III can be completed in summer.
 AMT 194: Flight Operations and Safety II	1	C	
AMT 214: Commercial/Instrument Ground School I	3	C	
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Complete MAT 265 course(s).			
 AMT 194: Flight Operations and Safety III	1	C	
 Complete MAT 265 course(s).			
Term hours subtotal:	15		
Term 3 30 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 280: Aerospace Structures, Materials and Systems	4	C	
 PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
 AMT 294: Flight Operations and Safety IV	1	C	
AMT 201: Air Traffic Control	3	C	
AMT 322: Commercial/Instrument Ground School II	3	C	
AMT 385: Flight Instructor Ground School	3	C	
Term hours subtotal:	18		
Term 4 48 - 62 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 294: Flight Operations and Safety V	1	C	<ul style="list-style-type: none"> • AMT 294/250 Flight Operations and Safety VI can be completed in summer.
AMT 287: Aircraft Powerplants	4	C	
AMT 392: Flight Instructor Instrument Ground School	3	C	
PGS 101: Introduction to Psychology (SB)	3	C	
Literacy and Critical Inquiry (L)	3		

AMT 294: Flight Operations and Safety VI	1	C
Term hours subtotal:	15	

Term 5 63 - 79 Credit Hours	Hours	Minimum Grade	Notes
AMT 394: Flight Operations and Safety VII	1	C	
AMT 308: Air Transportation (G)	3	C	
AMT 387: Multiengine Pilot Ground School	1	C	
AMT 442: Aviation Law/Regulations	3	C	
PSY 230: Introduction to Statistics (CS)	3		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) AND Historical Awareness (H)	3		
Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	17		

Term 6 80 - 93 Credit Hours	Hours	Minimum Grade	Notes
AMT 394: Flight Operations and Safety VIII	1	C	
AMT 350: Aircraft Design and Logistics Management	3	C	
AMT 382: Air Navigation	3	C	
AMT 396: Aviation Professional	1	C	
AMT 444: Airport Management and Planning	3	C	
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 7 94 - 108 Credit Hours	Hours	Minimum Grade	Notes
AMT 408: National Aviation Policy	3	C	
AMT 410: Aviation Safety and Human Factors	3	C	
AMT 482: Airline Instrument Procedures	3	C	
AMT 486: Regional Jet Aircraft Systems	3	C	
AMT 488: Regional Jet Aircraft Systems II	3	C	
Term hours subtotal:	15		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
AMT 484: Internship	3	C	
AMT 489: Airline Administration	3	C	
AMT 490: Regional Jet Operations Capstone	3	C	
Upper Division TWC course (L)	3		
Term hours subtotal:	12		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

 First-Year Composition


















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.








2011 - 2012 Major Map Agribusiness (Agribusiness Science), BS

College of Technology and Innovation

Campus: Polytechnic

AGAGBPBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AGB 100: Introduction to Agribusiness	3	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students. Submission of a Current SAT Reasoning score or ACT score (we do not require the writing portion of these tests) by the end of the first semester in the program. See academic advisor for appropriate Student Success course requirement if not a first-time freshman.
 BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR CHM 113: General Chemistry I (SQ)	4	C	
 MAT 210: Brief Calculus (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
WPC 101: Student Success in Business	1		
 Milestone: Submission of a Current SAT Reasoning score or ACT score.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ) OR CHM 116: General Chemistry II (SQ) OR BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG)	4	C	
 CIS 105: Computer Applications and Information Technology (CS)	3	C	
 MAT 211: Mathematics for Business Analysis	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
SOC course (SB)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 31 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACC 231: Uses of Accounting Information I	3	C	
 CHM 113: General Chemistry I (SQ) OR CHM 116: General Chemistry II (SQ) OR BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG)	4	C	
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
AGB 271: Veterinary Medicine Today	3	C	
Upper Division Humanities, Fine Arts and Design (HU)	3		
 Minimum 2.00 GPA ASU Cumulative.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	16		
Minimum			

Term 4 47 - 63 Credit Hours Critical course signified by 	Hours	Grade	Notes
 ACC 241: Uses of Accounting Information II	3	C	
 CHM 113: General Chemistry I (SQ) OR CHM 116: General Chemistry II (SQ) OR BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG)	4	C	
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
 ECN 221: Business Statistics (CS)	3	C	
CHM 233: General Organic Chemistry I	3	C	
CHM 237: General Organic Chemistry Laboratory I	1	C	
 Milestone: The business skill courses are critical requirements that must be completed by the end of Term Four: CIS 105, MAT 210, MAT 211, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 5 64 - 77 Credit Hours	Hours	Minimum Grade	Notes
ENG 301: Writing for the Professions (L) OR TWC 347: Written Communication for Managers (L)	3		
MKT 300: Marketing and Business Performance	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
WPC 301: Business Forum	1	C	
Upper Division Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 78 - 90 Credit Hours	Hours	Minimum Grade	Notes
AGB 366: Agribusiness Production Technologies	3	C	
BIO 340: General Genetics	4	C	
FIN 300: Fundamentals of Finance	3	C	
MIC 205: Microbiology (SG)	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
AGB 367: Agribusiness Processing Technologies	3	C	
AGB 3** Elective OR AGB 4** Elective	3	C	
BCH 361: Principles of Biochemistry	3	C	
LES 305: Legal, Ethical, and Regulatory Issues in Business	3	C	
MGT 300: Organization and Management Leadership	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
AGB 302: International Management and Agribusiness (G) OR ECN 306: Survey of International Economics (SB & G) OR MGT 302: Principles of International Business (G)	3	C	
AGB 414: Agribusiness Analysis (L)	3	C	
AGB 3** Elective OR AGB 4** Elective	3	C	
SCM 300: Global Supply Operations	3	C	
Upper Division Cultural Diversity in the U.S. (C)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition


















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Agribusiness (Global Agribusiness), BS

College of Technology and Innovation

Campus: Polytechnic

AGAGBGABS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AGB 100: Introduction to Agribusiness	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students. • Submission of current SAT Reasoning score or ACT score (se do not require the writing portion of these tests) by the end of the first term in the program. • See academic advisor for appropriate Student Success course requirement if not a first-time freshman.
 CIS 105: Computer Applications and Information Technology (CS)	3	C	
 MAT 210: Brief Calculus (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
WPC 101: Student Success in Business	1		
Humanities, Fine Arts and Design (HU)	3		
 Milestone: Submission of a Current SAT Reasoning score or ACT score.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 2 17 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
 MAT 211: Mathematics for Business Analysis	3	C	
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PGS course (SB)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		
Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACC 231: Uses of Accounting Information I	3	C	
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
BIO 100: The Living World (SQ)	4	C	
SOC course (SB)	3		
Cultural Diversity in the U.S. (C)	3		
 Minimum 2.00 GPA ASU Cumulative.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	16		
Term 4 48 - 61 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACC 241: Uses of Accounting Information II	3	C	

❖ ECN 221: Business Statistics (CS)	3	C
CHM 101: Introductory Chemistry (SQ)	4	C
WPC 301: Business Forum	1	C
Historical Awareness (H)	3	
❖ Milestone: The business skill courses are critical requirements that must be completed by the end of Term Four: CIS 105, MAT 210, MAT 211, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221.		
❖ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	14	

Term 5 62 - 76 Credit Hours	Hours	Minimum Grade	Notes
AGB 302: International Management and Agribusiness OR ECN 306: Survey of International Economics (SB & G) OR MGT 302: Principles of International Business (G)	3	C	
AGB 366: Agribusiness Production Technologies	3	C	
ENG 301: Writing for the Professions (L) OR TWC 347: Written Communication for Managers (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MKT 300: Marketing and Business Performance	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 77 - 91 Credit Hours	Hours	Minimum Grade	Notes
AGB 333: Agribusiness Finance II	3	C	
AGB 367: Agribusiness Processing Technologies	3	C	
Upper Division Global Agribusiness Elective	3	C	
LES 305: Legal, Ethical, and Regulatory Issues in Business	3	C	
MGT 300: Organization and Management Leadership	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 92 - 106 Credit Hours	Hours	Minimum Grade	Notes
AGB 321: Agribusiness Marketing II	3	C	
AGB 410: Agribusiness Management II	3	C	
AGB 435: Agricultural Commodities	3	C	
Upper Division Global Agribusiness Elective	3	C	
SCM 300: Global Supply Operations	3	C	
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours	Hours	Minimum Grade	Notes
AGB 414: Agribusiness Analysis (L)	3	C	
Complete 2 courses: Upper Division Global Agribusiness Elective	6	C	
General Education Elective	2		
Upper Division Humanities, Fine Arts and Design (HU)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend
 General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

General Studies Awareness Requirements:

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

Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

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

First-Year Composition

















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Air Traffic Management, BS

College of Technology and Innovation

Campus: Polytechnic

TSATMBS

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 101: Introduction to Aeronautical Management Technology	1	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 AMT 182: Private Pilot Ground School	3	C	
 AMT 220: Aviation Meteorology	3	C	
 MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Minimum 2.00 GPA in AMT.			
Term hours subtotal:	13		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 201: Air Traffic Control	3	C	
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4		
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PGS 101: Introduction to Psychology (SB)	3		
 Complete MAT 265 course(s).			
Term hours subtotal:	16		
Term 3 30 - 43 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 280: Aerospace Structures, Materials and Systems	4	C	
 ATC 230: Fundamentals of Air Traffic Management	3	C	
 PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete First-Year Composition requirement.			
Term hours subtotal:	14		
Term 4 44 - 59 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ATC 331: Tower Operations	3	C	
AMT 287: Aircraft Powerplants	4	C	
PSY 230: Introduction to Statistics (CS)	3		
Humanities, Fine Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	16		
Term 5 60 - 74 Credit Hours	Hours	Minimum Grade	Notes
AMT 308: Air Transportation (G)	3	C	
AMT 350: Aircraft Design and Logistics Management	3	C	

AMT 442: Aviation Law/Regulations	3	C
ATC 332: TRACON Operations	3	C
ATC 431: Tower Operations and Procedures	3	C
Term hours subtotal:	15	

Term 6 75 - 90 Credit Hours	Hours	Minimum Grade	Notes
AMT 330: Managing Financial Resources in Aviation	3	C	• TMC 346 required for enrollment in OMT 456
AMT 396: Aviation Professional	1	C	
AMT 444: Airport Management and Planning	3	C	
ATC 432: TRACON Operations and Procedures	3	C	
TMC 346: Management Dynamics	3		
Upper Division Technical Elective	3	C	
Term hours subtotal:	16		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
AMT 408: National Aviation Policy	3	C	
AMT 410: Aviation Safety and Human Factors	3	C	
ATC 333: En Route Operations	3	C	
ATC 484: Internship	3	C	
Upper Division Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Humanities, Fine Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Upper Division Social and Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
ATC 433: En Route Operations and Procedures	3	C	
ATC 491: Air Traffic Management Capstone	3	C	
OMT 456: Introduction to Organized Labor	3		
TWC 401: Principles of Technical Communication (L) OR TWC 446: Technical and Scientific Reports (L)	3		
Upper Division Technical Elective	3	C	
Term hours subtotal:	15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)



















 First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Applied Biological Sciences (Applied Biological Sciences),BS

College of Technology and Innovation

Campus: Polytechnic **WUE**
TSABSABS

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Graduate and medical/dental school track: complete PHY 111/113 and PHY 112/114 instead of PHY 101
 MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) AND PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	15		
Term 2 16 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> • Graduate and medical/dental school track: complete PHY 111/113 and PHY 112/114 instead of PHY 101. Students on this track should enroll in second physics course in place of elective hours.
 CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Complete MAT 251 course(s).			
 Complete PHY 101 course(s).			
Elective	3		
Term hours subtotal:	14		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 STP 420: Introductory Applied Statistics (CS)	3	C	
 CHM 116: General Chemistry II (SQ)	4	C	
Literacy and Critical Inquiry (L)	3		
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
 Complete CHM 113 course(s).			
 Complete STP 420, ABS 270 course(s).			
 Complete BIO 181, BIO 182 course(s).			
Term hours subtotal:	16		
Term 4 46 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ABS 270: Sustainable Biological Systems	3	C	<ul style="list-style-type: none"> • Complete an additional 3 hours of ABS or BIO (not including BIO 181 and 182)
ABS OR BIO OR BCH OR MIC Elective	3	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		

Social and Behavioral Sciences (SB) AND Global Awareness (G)	3
Elective	3
 Complete CHM 116 course(s).	
 Complete ABS , BIO course(s).	
Term hours subtotal:	15

Term 5 61 - 74 Credit Hours	Hours	Minimum Grade	Notes
ABS 370: Ecology	3	C	<ul style="list-style-type: none"> Graduate and medical/dental school track students should complete all of the following: CHM 233 and CHM 237 and CHM 234 and CHM 238 (instead of CHM 231 and CHM 235). Students on this track complete the additional CHM courses in place of elective credit hours.
BIO 340: General Genetics	4	C	
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I AND CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Upper Division Humanities, Fine Arts and Design (HU) OR Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

Term 6 75 - 88 Credit Hours	Hours	Minimum Grade	Notes
ABS 302: Ethical and Policy Issues in Biology	2	C	<ul style="list-style-type: none"> Graduate and medical/dental school track students should complete all of the following: CHM 233 and CHM 237 and CHM 234 and CHM 238 (instead of CHM 231 and CHM 235). Students on this track complete the additional CHM courses in place of elective credit hours.
ABS 355: Anatomy and Physiology of Vertebrates	3	C	
ABS OR BIO OR BCH OR MIC Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	14		

Term 7 89 - 104 Credit Hours	Hours	Minimum Grade	Notes
BCH 361: Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	4	C	
Humanities, Fine Arts and Design (HU)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	16		

Term 8 105 - 120 Credit Hours	Hours	Minimum Grade	Notes
ABS 311: Molecular and Cellular Biology OR ABS 498: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C	
ABS 490: Applied Biological Sciences Seminar	1	C	
ABS OR BIO OR BCH OR MIC Upper Division Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	16		

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

General Studies Awareness Requirements:

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

 First-Year Composition

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













General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Applied Biological Sciences (Secondary Education in Biology),BS

College of Technology and Innovation

Campus:Polytechnic

TSABSSBS

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	17		
Term 2 18 - 34 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	
BLE 220: Foundations of Structured English Immersion	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Milestone: DPS Fingerprint Clearance Card.			
Term hours subtotal:	17		
Term 3 35 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MIC 205: Microbiology (SG)	3	C	<ul style="list-style-type: none"> • Complete BIO 181, BIO 182 and 6 credits of additional biology related courses
 MIC 206: Microbiology Laboratory (SG)	1	C	
ABS 302: Ethical and Policy Issues in Biology	2	C	
ABS 370: Ecology	3	C	
CHM 113: General Chemistry I (SQ)	4	C	
Milestone: Intent to Progress Online Form.			
Milestone: Meet with advisor from Education regarding Professional Teacher Preparation Program (PTPP)			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		
Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ABS 270: Sustainable Biological Systems	3	C	<ul style="list-style-type: none"> • Complete a total of 6 Biology related courses (ABS, BIO, MIC) by the end of term 4
ABS 207: Applied Plant Taxonomy OR ABS 355: Anatomy and Physiology of Vertebrates	3	C	
CHM 116: General Chemistry II (SQ)	4		
STP 420: Introductory Applied Statistics (CS)	3	C	
TEL 315: Child and Adolescent Development (L or SB)	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 64 - 77 Credit Hours	Hours	Minimum Grade	Notes
EDT 321: Computer Literacy (CS) OR Upper Division Elective	3		
SED 321: Critical Issues in Secondary Education (L)	3	C	
SED 396: Field Experience I	1	C	
TEL 313: Educational Technology in the K-12 Curriculum	3	C	
Upper Division Social and Behavioral Sciences (SB) OR Upper Division Literacy and Critical Inquiry (L)	3		
Lower Division Elective	1		
Term hours subtotal:	14		

Term 6 78 - 94 Credit Hours	Hours	Minimum Grade	Notes
BIO 480: Methods of Teaching Biology	3	C	
BIO 482: Advanced Methods of Teaching Biology	3	C	
RDG 323: Literacy Processes in Content Areas	3	C	
SED 322: Classroom Leadership in Secondary Schools	3	C	
SED 397: Field Experience II	1	C	
BIO 340: Fundamentals of Genetics	4	C	
Term hours subtotal:	17		

Term 7 95 - 108 Credit Hours	Hours	Minimum Grade	Notes
ABS 490: Applied Biological Sciences Seminar	1	C	
BLE 407: SEI for Secondary Students	3	C	
SPE 417: Inclusion Practices at the Secondary Level	3	C	
TEL 311: Instruction and Management in the Inclusive Classroom	3	C	
SED 496: Field Experience III	1	C	
BIO 360: Animal Physiology OR ABS 498: Applied Plant Physiology OR ABS 311: Molecular and Cellular Biology	3	C	
Term hours subtotal:	14		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
SED 478: Student Teaching in the Secondary School	12	C	
Term hours subtotal:	12		<ul style="list-style-type: none"> • SED 478 Student Teaching in Secondary Schools can range from 8 to 12 credit hours. Please consult with your Education Advisor. Total degree credits still must equal 120 or more.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition
















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Applied Biological Sciences (Urban Horticulture), BS

College of Technology and Innovation

Campus: Polytechnic

TSABSUBS

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	17		
Term 2 18 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	
 CHM 101: Introductory Chemistry (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Social and Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete CHM 101 course(s).			
Term hours subtotal:	14		
Term 3 32 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ABS 260: Fundamentals of Urban Horticulture (SG)	4	C	
ABS 225: Soils (SQ)	3	C	
ABS 226: Soils Laboratory (SQ)	1	C	
Humanities, Fine Arts and Design (HU)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
Term 4 46 - 58 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ABS 270: Sustainable Biological Systems	3	C	<ul style="list-style-type: none"> • Additional 3 hours of ABS or BIO (not including BIO 181 and 182)
ABS 362: Landscape Plants and Design	4	C	
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
Upper Division Elective	3		
 Complete ABS , BIO course(s).			
 Complete ABS 260, ABS 270 course(s).			
Term hours subtotal:	13		
Term 5 59 - 75 Credit Hours	Hours	Minimum Grade	Notes
ABS 363: Landscape and Turf Irrigation	4	C	

ABS 364: Urban Forestry	3	C
BIO 340: Fundamentals of Genetics	4	C
Complete 2 courses: Elective	6	
Term hours subtotal:	17	

Term 6 76 - 90 Credit Hours	Hours	Minimum Grade	Notes
ABS 311: Molecular and Cellular Biology OR ABS 498: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C	
Literacy and Critical Inquiry (L)	3		
ABS OR BIO OR BCH OR MIC Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
ABS 302: Ethical and Policy Issues in Biology	2	C	
ABS 462: Greenhouse/Nursery Management	4	C	
PGM 466: Integrated Pest Control OR PLB 414: Plant Pathology (L)	3	C	
STP 420: Introductory Applied Statistics (CS)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
ABS 465: Senior Enterprise Project OR ABS 484: Internship	2-3	C	
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
ABS OR BIO OR BCH OR MIC Upper Division Elective	3	C	
Elective	4		
Term hours subtotal:	15-16		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition














General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Applied Biological Sciences (Wildlife & Restoration Ecology), BS

College of Technology and Innovation

Campus: Polytechnic

TSABSRBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		
Term 2 15 - 28 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	
 CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	14		
Term 3 29 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ABS 274: Introduction to Wildlife Management	4	C	
 CHM 116: General Chemistry II (SQ)	4	C	
Humanities, Fine Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	17		
Term 4 46 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ABS 270: Sustainable Biological Systems	3	C	<ul style="list-style-type: none"> Additional 3 hours of ABS or BIO (not including BIO 181 and 182) CHM 113 and CHM 116 are required pre-requisites for CHM 231
ABS 207: Applied Plant Taxonomy	3	C	
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
Social and Behavioral Sciences (SB) AND Global Awareness (G)	3		
Wildlife & Restoration Ecology Elective	3	C	
Term hours subtotal:	15		
Term 5 61 - 75 Credit Hours	Hours	Minimum Grade	Notes
ABS 302: Ethical and Policy Issues in Biology	2	C	
ABS 370: Ecology	3	C	
ABS 381: Natural Resources Policy	3	C	
ABS 485: GIS in Natural Resources	3	C	

BIO 340: General Genetics	4	C
Term hours subtotal:	15	

Term 6 76 - 91 Credit Hours	Hours	Minimum Grade	Notes
ABS 402: Vegetation and Wildlife Measurement	3	C	
Wildlife & Restoration Ecology Elective	3	C	
Wildlife or Restoration Ecology Course Group	4	C	
Upper Division Wildlife or Restoration Ecology Course Group	3	C	
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 7 92 - 106 Credit Hours	Hours	Minimum Grade	Notes
ABS 311: Molecular and Cellular Biology OR ABS 498: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C	
ABS 440: Ecological Restoration Techniques	3	C	
STP 420: Introductory Applied Statistics (CS)	3	C	
Wildlife & Restoration Ecology Elective	3	C	
Upper Division Wildlife or Restoration Ecology Course Group	3	C	
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours	Hours	Minimum Grade	Notes
ABS 480: Ecosystem Management and Planning (L)	3	C	
ABS 490: Applied Biological Sciences Seminar	1	C	
Complete 2 courses: Upper Division Wildlife & Restoration Ecology Elective	6	C	
Upper Division Wildlife or Restoration Ecology Course Group	4	C	
Term hours subtotal:	14		

Restoration Ecology Course Group	Wildlife Course Group	Wildlife & Restoration Ecology Elective
ABS 225: Soils (SQ)	ABS 355: Anatomy and Physiology of Vertebrates	ABS 225: Soils (SQ)
ABS 226: Soils Laboratory (SQ)		ABS 226: Soils Laboratory (SQ)
ABS 433: Riparian and Wetland Ecology	ABS 376: Wildlife Ecology	ABS 355: Anatomy and Physiology of Vertebrates
ABS 441: Ecological Restoration Practicum	ABS 475: Habitat Management for Small Wildlife	ABS 368: Plant Propagation
ABS 482: Ecology and Planning for Restoration	ABS 476: Big Game Habitat Management	ABS 375: Conservation Biology
ABS 483: Restoration Planning Practicum		ABS 376: Wildlife Ecology
		ABS 378: Wildlife Nutrition
		ABS 380: Restoration and Wildlife Plants
		ABS 425: Soil Classification and Management
		ABS 430: Watershed Management
		ABS 433: Riparian and Wetland Ecology
		ABS 434: Soil Ecology
		ABS 435: Applied Systems Ecology
		ABS 441: Ecological Restoration Practicum
		ABS 470: Life History of Mammals
		ABS 471: Ornithology
		ABS 475: Habitat Management for Small Wildlife
		ABS 476: Big Game Habitat Management

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ABS 481: Riparian and Wetland Restoration
.....

ABS 482: Ecology and Planning for
Restoration
.....

ABS 483: Restoration Planning Practicum
.....

ABS 486: Introduction to Remote Sensing
.....

BIO 331: Animal Behavior
.....

BIO 385: Comparative Invertebrate Zoology
.....

BIO 410: Techniques in Wildlife
Conservation Biology (L)
.....

BIO 426: Limnology (L)
.....

BIO 473: Ichthyology
.....

BIO 474: Herpetology
.....

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)






















First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Applied Computer Science, BS

College of Technology and Innovation

Campus: Polytechnic 
TSACSB

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EGR 101: Introduction to Engineering Design I	3	C	<ul style="list-style-type: none"> ASU 101 is freshmen ASU students only. Not required for transfer students. An SAT, ACT, Accuplacer, or TOEFL score determines placement into first year composition course. ALEKS score determines placement in mathematics and science courses.
 MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	13		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CST 150: Digital Systems (CS)	3	C	<ul style="list-style-type: none"> Students can take PHY 111/113 for this major but it will not satisfy BSE Engineering degree requirements
 EGR 102: Introduction to Engineering Design II	3	C	
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Complete MAT 265 course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CST 220: Programming Languages for Technology with C/C++ and Scripting	3	C	
 CHM 113: General Chemistry I (SQ)	4	C	
 EGR 280: Engineering Statistics (CS)	3	C	
 MAT 243: Discrete Mathematical Structures	3	C	
 MAT 267: Calculus for Engineers III (MA)	3	C	
 Complete First-Year Composition requirement.			
 Complete MAT 266 , MAT 243 course(s).			
Term hours subtotal:	16		
Term 4 46 - 61 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CST 230: Applied Data Structures	3	C	<ul style="list-style-type: none"> ECN 211 or ECN 212 recommended business exposure course
 CST 250: Microcomputer Architecture and Programming AND CST 251: Microcomputer Architecture and Programming Laboratory	4	C	
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Macroeconomic Principles (SB)	3		
Social and Behavioral Sciences (SB) AND Historical Awareness (H) OR Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete MAT 267 course(s).			

Term hours subtotal: 16

Term 5 62 - 76 Credit Hours	Hours	Minimum Grade	Notes
CST 315: Software Enterprise I: Tools and Process	3		
CST 359: Internet Networking Protocol	3		
CST 433: Database Technology	3		
MAT 275: Modern Differential Equations (MA)	3		
CST 4** Elective	3		
Term hours subtotal:	15		

Term 6 77 - 91 Credit Hours	Hours	Minimum Grade	Notes
CST 316: Software Enterprise II: Construction and Transition	3		
CST 335: Applications of Computer Theory	3		
CST 386: Operating Systems Principles	3		
MAT 343: Applied Linear Algebra	3		
TWC 401: Principles of Technical Communication (L) OR TWC 446: Technical and Scientific Reports (L) OR Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 7 92 - 105 Credit Hours	Hours	Minimum Grade	Notes
CST 415: Software Enterprise III: Inception and Elaboration (L)	3		
CST 420: Foundations of Distributed Web-Based Applications in Java	3		
CST 496: Ethics and Professionalism in Computing	1		
Mathematics (MA) OR Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	3		
CST 4** Elective	3		
Elective	1		
Term hours subtotal:	14		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
CST 416: Software Enterprise IV: Project and Process Management	3		
CST 4** Elective	6		
HST 318: History of Engineering ((L or SB) & G) OR Upper Division Social and Behavioral Sciences (SB) AND Global Awareness (G)	3		
Technical Elective	3		
Term hours subtotal:	15		

Technical Electives

Upper Division CST

Upper Division EST

Upper Division UET

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)














First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Applied Psychology, BS

College of Technology and Innovation

Campus: Polytechnic 
ECPSYBS

Term 1 0 - 13 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
 PGS 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 170: Precalculus (MA)	3	C	
Elective	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	13		
Term 2 14 - 29 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
 BIO 100: The Living World (SQ) OR BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR BIO 201: Human Anatomy and Physiology I (SG) OR BIO 202: Human Anatomy and Physiology II (SG)	4		
 PSY 230: Introduction to Statistics (CS)	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Elective	3		
 Complete MAT 170 course(s).			
 Complete BIO course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
 PSY 290: Research Methods (L or SG)	4	C	
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	5		
 Complete First-Year Composition requirement.			
 Complete MAT 251 course(s).			
 Complete PSY 230 course(s).			
Term hours subtotal:	16		
Term 4 46 - 60 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
CIS 220: Programming Concepts for Accountancy Majors OR CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming with Java (CS) OR CSE 120: Digital Design Fundamentals OR CSE 180: Computer Literacy (CS) OR CST 100: Object-Oriented Software Development I	3		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social and Behavioral Sciences (SB) AND Global Awareness (G) OR Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		

Complete 2 courses: Elective		6		
❗ Complete PSY 290 course(s).				
Term hours subtotal:		15		
Term 5	61 - 75 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 330: Statistical Methods (CS) OR PGS 350: Social Psychology (SB)		6	C	
PSY 437: Human Factors (L)		3	C	
Elective		3		
Upper Division Elective		3		
Term hours subtotal:		15		
Term 6	76 - 90 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 330: Statistical Methods (CS) OR PGS 350: Social Psychology (SB)		6	C	
Additional Skills Area				
AMT OR BIO OR CIS OR CSE OR EXW OR MGT OR TWC Elective		3		
ENG 301: Writing for the Professions (L) OR Upper Division Elective AND Upper Division TWC course (L)		3	C	
Upper Division Elective		3		
Term hours subtotal:		15		
Term 7	91 - 105 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: PGS 304: Effective Thinking (L) OR PGS 471: Psychological Testing OR PSY 320: Learning and Motivation OR PSY 325: Physiological Psychology OR PSY 360: Cognitive Science OR PSY 390: Experimental Psychology (L) OR PSY 438: Human-Computer Interaction OR PSY 439: Training and Skill Acquisition OR PSY 440: Industrial/Organizational Psychology OR PSY 448: Human Factors in Transportation OR PSY 449: Human Factors in Sport OR PSY 494: Special Topics		6	C	
Additional Skills Area				
AMT OR BIO OR CIS OR CSE OR EXW OR MGT OR TWC Elective		3		
Upper Division Elective		3		
Elective		3		
Term hours subtotal:		15		
Term 8	106 - 120 Credit Hours	Hours	Minimum Grade	Notes
PSY 477: Applied Psychology Capstone Experience		3	C	
Complete 2 courses: PGS 304: Effective Thinking (L) OR PGS 471: Psychological Testing OR PSY 320: Learning and Motivation OR PSY 325: Physiological Psychology OR PSY 360: Cognitive Science OR PSY 390: Experimental Psychology (L) OR PSY 438: Human-Computer Interaction OR PSY 439: Training and Skill Acquisition OR PSY 440: Industrial/Organizational Psychology OR PSY 448: Human Factors in Transportation OR PSY 449: Human Factors in Sport OR PSY 494: Special Topics		6	C	
Upper Division Elective		3		
Elective		3		
Term hours subtotal:		15		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

The B.A.S. program is a transfer pathway specifically for students who have earned community college Associate of Applied Science (A.A.S.) degrees. The goal of the program is to provide students with management, leadership, critical thinking, and communication skills, along with significant work in a professional specialization. Students must have completed an Associate of Applied Science (A.A.S.) degree to be eligible for this program. *AA and AS students are not eligible for this program.*

Program Requirements

Students complete a relevant A.A.S. through a community college and transfer 60 lower division credit hours. The BAS is a 60 credit hour upper division program divided into four categories.

General Studies Completion Curriculum (19 semester hours):

The BAS curriculum builds on the general education content of the AAS. ASU general studies requirements will be completed with courses in these areas through upper division coursework:

Mathematical Studies (MA)	3 credit hours
Lab Science (SQ)	4 credit hours
Literacy & Critical Inquiry (L)	3 credit hours
Humanities, Fine Arts, and Design (HU)	3 credit hours
Social and Behavioral Sciences (SB)	3 credit hours
One additional HU or SB	3 credit hours

Additionally, students must complete the general studies awareness requirements either through previously taken transfer work or by combining with the general studies requirements from above (L, HU, SB):

Cultural Diversity in the US (C)	3 credit hours
Global Awareness (G)	3 credit hours
Historical Awareness (H)	3 credit hours

In consultation with an advisor, students select courses from the ASU general studies list that contribute to the overall curriculum and meet degree requirements.

B.A.S. Core Curriculum (15 semester hours minimum):

The BAS core curriculum is focused on management and organization, professional communication, statistical processes, and computer competency. These are a set standard of courses required by the selected concentration.

Concentrations (20 semester hours minimum):

20 semester hours of specialization courses

Assignable Credit (6 semester hours):

These are traditional electives selected in consultation with an advisor to enhance the curriculum. Assignable credit also can be used to strengthen math/science capabilities or computer skills.

Graduation Requirements Summary:

Total Hours (120)	Total Upper Division Hours (minimum 60)	Cumulative GPA (2.00 minimum)	Major GPA (2.0 minimum)	Total Hours at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Community College hours (maximum 60)

Additional Notes:

2011-2012 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>2011-2012</u>
B.A.S. Academic Department _____	Advisor _____
Number of Upper Division Transfer Credits _____	Expected Graduation Date _____
Institution of Transfer Course Work (Upper Division Only) _____	

General Studies Sequence (19 Hours)

<i>upper division only</i>	ASU	Transfer	Transfer From	Grade
Numeracy - ASC 315	3			
Science - ASC 325	4			
Literacy [L]	3			
Humanities [HU]	3			
Social& Behavioral Science [SB]	3			
Humanities [HU] or Social Behavioral Science [SB]	3			
Awareness Areas (all three): [C] [G] [H]				

(Suggested courses are tinted) Sub Total 19 Hrs.

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

<i>upper division only</i>	ASU	Transfer	Transfer From	Grade
TMC 346 Management Dynamics	3			
TWC 400 Technical Communications	3			
STP 420 Introductory Applied Statistics [CS]	3			
GIT 335 Computer Systems Technology	3			
TMC 470 Project Management	3			

Sub Total 15 Hrs.

Aviation Management Technology (20 Hours)

<i>upper division only</i>	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 xxxTechnical Elective (Upper Div.)	4			

Sub Total 20 Hrs.

Assignable Credits (6 Hours)

<i>upper division only</i>	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

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

2011-2012 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 2011-12	
B.A.S. Academic Department: Engineering Technology	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]	3			
Humanities [HU]	3			
Social Science [SB]	3			
General Studies [HU or SB]	3			
[H] [G] [C]				

(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			
UET 331 Electronic Material	3			
TWC 446 Technical Report Writing [L]	3			
EST 345 Project Planning & Delivery	3			
EST 494/465: Statistical Process Control	3			

Sub Total 15 Hrs. _____

Concentration (20 Hours)

	ASU	Transfer	Transfer From	Grade
See page 2				

Sub Total 20 Hrs. _____

Assignable Credits (6 Hours)

	ASU	Transfer	Transfer From	Grade
STP 420 Intro to Statistics [CS]	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.

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

Alternative Energy Concentration

ALT 420	Electrochemical Energy	Fall
ALT 435	Applied Photovoltaic's	Fall
ALT 360	Renewable Energy Technologies	Spring
ALT 401	Hydrogen Generation, Storage & Distribution	Spring - Jr
ALT 405	Power Conditioning	Spring
ALT 445	Automotive & Stationary FCS	Spring
Upper division Technical Electives as necessary to complete concentration or assignable credits		

Basic Electronics Option

EST 394 (350)	Advanced Microcontrollers	Fall
EST 370	Sensors	Fall
EET 430	Instrumentation Systems	Fall
EST 372	Wireless Comm Systems	Spring
EST 380	Electronic Devices	Spring
EET 460	Power Electronics/ALT 405	Spring
MET 351	Introduction to Automation	Spring - Jr
Select from the list above to complete concentration and assignable credits		

Integrated Electronic Systems

UET 411	Layer Deposition Technology	Fall 09, 11, 13, 15
UET 416	Dopant Control Technology	Fall 08, 10, 12, 14
UET 417	Semiconductor Technology Practice	every Fall
UET 418	Systems on Silicon	Spring 10, 12, 14 - Jr
UET 424	Pattern Transfer Technology	Spring 09, 11, 13, 15
UET 432	Semiconductor Packaging & Heat Transfer	every Spring
Upper division Technical Electives as necessary to complete concentration or assignable credits		

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____	ASU Catalog Year <u>2011-2012</u>
B.A.S. Academic Department _____	Advisor _____
Number of Upper Division Transfer Credits _____	Expected Graduation Date _____
Institution of Transfer Course Work (Upper Division Only) _____	

General Studies Sequence (19 Hours)

<i>upper division only</i>	ASU	Transfer	Transfer From	Grade
Numeracy - ASC 315	3			
Science - ASC 325	4			
Literacy [L]	3			
Humanities [HU]	3			
Social& Behavioral Science [SB]	3			
Humanities [HU] or Social Behavioral Science [SB]	3			
Awareness Areas (all three): [C] [G] [H]				

(Suggested courses are tinted) Sub Total 19 Hrs.

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

<i>upper division only</i>	ASU	Transfer	Transfer From	Grade
TMC 346 Management Dynamics	3			
OMT 452 Ind. Human Resource Management	3			
TWC 400 Technical Communications [L]	3			
STP 420: Introductory Applied Statistics (CS)	3			
GIT 335 Computer Systems Technology	3			

Sub Total 15 Hrs.

Emergency Management (20 Hours)

<i>upper division only</i>	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.

Assignable Credits (6 Hours)

<i>upper division only</i>	ASU	Transfer	Transfer From	Grade
ETM 461 Homeland Security	3			
ETM 468 Simulators and Exercising	3			

Sub Total 6 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) _____

Advisor Comments

Total Upper Division Hours _____

Total ASU Resident Hours _____

Student Signature

Date

Dean Signature

Date

Advisor/Chair Signature

Date

University Signature

Date

Name: _____	ASU ID: _____
AAS Degree: _____	AAS degree date: _____
AAS Institution: _____	Catalog year: _____
BAS Department: _____	Advisor: _____
Number of upper division transfer credits: _____	Expected Graduation Semester: _____
Institution of transfer work (upper division only): _____	

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Notes
GENERAL STUDIES SEQUENCE: 19 CREDIT HOURS					
ASC 315: Numeracy in Technology (MA) or MA	3	<input type="checkbox"/>			Students must also satisfy general studies awareness areas either through completed transfer work or by sharing with L, HU, or SB courses at ASU: <input type="checkbox"/> Cultural Diversity in the U.S. (C) <input type="checkbox"/> Global Awareness (G) <input type="checkbox"/> Historical Awareness (H)
ASC 325: Physical Sciences in Technology (SQ) or SQ	4	<input type="checkbox"/>			
Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>			
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>			
Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>			
BAS CORE: 15 CREDIT HOURS					
STP 420: Introductory Applied Statistics (CS) OR ABS 350: Applied Statistics	3	<input checked="" type="checkbox"/>			
TWC 3** or 4** Upper Division Literacy (L)	3	<input checked="" type="checkbox"/>			
TMC 346: Management Dynamics	3	<input checked="" type="checkbox"/>			
TMC 470: Project Management	3	<input checked="" type="checkbox"/>			
GIT 335: Computer Systems Technology	3	<input checked="" type="checkbox"/>			
CONCENTRATION: 21 CREDIT HOURS					
GIT 314: Multimedia Design, Planning Storyboards OR GIT 337: Web Content Design	3	<input checked="" type="checkbox"/>			• Students should take GIT 314 if they have not yet taken GIT 337 (or GIT 237).
GIT 334: Image Capture and Manipulation	3	<input checked="" type="checkbox"/>			
GIT 414: Web Site Design and Internet/Web Technologies	3	<input checked="" type="checkbox"/>			
GIT 417: Advanced Internet Programming	3	<input checked="" type="checkbox"/>			
GIT 418: Multimedia Authoring Script Production (pre-requisite: GIT 417)	3	<input checked="" type="checkbox"/>			
GIT 435: Web Management & E-Commerce (pre-requisite: GIT 414)	3	<input checked="" type="checkbox"/>			
GIT 494 / GIT 480: Senior Project (final semester)	3	<input checked="" type="checkbox"/>			
ASSIGNABLE CREDITS: 6 CREDIT HOURS					
	3	<input checked="" type="checkbox"/>			• Consult with your advisor on assignable credit course selections
	2	<input checked="" type="checkbox"/>			

Graduation Requirements Summary:

BAS students must complete a minimum of 60 hours at a 4-year institution (a minimum of 30 of those 60 hours must be completed at ASU) and a minimum of 45 hours of upper division (300/400 level coursework).

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. (60 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

Student Name _____ ID. Number _____
A.A.S. Degree _____ Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year 2011-2012
B.A.S. Academic Department **Engineering Technology** Advisor _____
Number of Upper Division Transfer Credits _____ Expected Graduation Date _____
Institution of Transfer Course Work (Upper Division Only) _____

General Studies Sequence (19 Hours)

upper division only ASU Transfer Transfer From Grade

Numeracy - ASC 315	3			
Science - ASC 325	4			
Literacy [L]	3			
Humanities [HU]	3			
Social & Behavioral Science [SB]	3			
Humanities [HU] or Social Behavioral Science [SB]	3			
Awareness Areas (all three): [C] [G] [H]				

(Suggested courses are tinted) Sub Total 19 Hrs.

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

upper division only 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)

upper division only 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

STP 420	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

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

2011-2012 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>2011-2012</u>
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]	3			
Humanities [HU]	3			
Social Behavioral Science [SB]	3			
Humanities [HU] or Social Behavioral Science [SB]	3			
Awareness Areas (all three): [C] [G] [H]				

(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	
Operations 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 3** or 4** Upper Division Literacy [L]	3			
STP 420: Introductory Applied Statistics [CS]	3			
GIT 335 Computer Systems Technology	3			

Sub Total 15 Hrs.

Advisor Comments

Operations Management (20 Hours)

	ASU	Transfer	Transfer From	Grade
TMC 331 Quality Assurance	3			
OMT 343 Occupational Safety and Ergonomics	3			
OMT 430 Ethical Issues in Technology	3			
OMT 461 Operations Management	3			
OMT 3** or 4** Upper Division	3			
TMC 470 Project Management	3			
TMC 494 BAS Senior 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

Bachelor of Applied Science Degree

2010-2011 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>2010-2011</u>
B.A.S. Academic Department <u>Engineering</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] ENG 301 or TWC 301	3			
Humanities [HU] REL 320 or 321 [H] [C]	3			
Social Science [SB]	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			
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.

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.

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

Total (120 Hours Minimum) _____

Advisor Comments

Total Upper Division Hours _____

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 <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">ASU 101 is for ASU freshman students only Not required of transfer studentsAn SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition coursesASU Math Placement Exam score determines placement in Mathematics course*Mathematical Studies (MA) designation approval pendingComplete First-Year Composition requirement by end of semester 3Complete at least 2 critical courses each with a minimum grade of C. Suggested courses for term 1: APM 270; CST 100, CST 150	
Complete 2 courses from: MA course: (APM 265: Mathematics of Change I *) APM 266: Mathematics of Change II CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) CST 200& 201: Object-Oriented Software Development II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures PHY 111/113: General Physics/Laboratory (SQ) CST 230: Applied Data Structures	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"/>				
TERM TWO: 16-30 CREDIT HOURS						
Complete 2 additional courses from: MA course: (APM 265: Mathematics of Change I *) APM 266: Mathematics of Change II CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) CST 200& 201: Object-Oriented Software Development II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures PHY 111/113: General Physics/Laboratory (SQ) CST 230: Applied Data Structures	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 2: APM 271; CST 200 & 201Complete First-Year Composition requirement by end of semester 3	
	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						
Complete 2 additional courses from: MA course: (APM 265: Mathematics of Change I *) APM 266: Mathematics of Change II CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) CST 200& 201: Object-Oriented Software Development II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures PHY 111/113: General Physics/Laboratory (SQ) CST 230: Applied Data Structures	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">Complete at least 2 additional critical courses each with a minimum grade of C. Suggested courses for term 3: MAT 243; PHY 111 & 113First-Year Composition requirement completed by end of semester 3	
	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"/>				
TERM FOUR: 46-60 CREDIT HOURS						
Complete remaining courses from: MA course: (APM 265: Mathematics of Change I *) APM 266: Mathematics of Change II CST 100: Object-Oriented Software Development CST 150: Digital Systems I (CS) CST 200& 201: Object-Oriented Software Development II/Laboratory (3/1 hrs) MAT 243: Discrete Mathematical Structures PHY 111/113: General Physics/Laboratory (SQ) CST 230: Applied Data Structures	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">Complete remaining critical courses each with a minimum grade of C. Suggested courses for term 4: CST 230	
	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"/>				
TERM FIVE: 61-75 CREDIT HOURS						
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 bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SIX: 76-90 CREDIT HOURS					
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"/>			
TERM SEVEN: 91-105 CREDIT HOURS					
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"/>			
TERM EIGHT: 106-120 CREDIT HOURS					
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:

2011 - 2012 Major Map Computer Systems (Embedded Systems Technology), BS

College of Technology and Innovation

Campus: Polytechnic 
TSCSTMB5

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EGR 101: Introduction to Engineering Design I	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	13		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CST 150: Digital Systems (CS)	3	C	<ul style="list-style-type: none"> • Students can take PHY 111/113 for this major but it will not satisfy BSE Engineering degree requirements.
 EGR 102: Introduction to Engineering Design II	3	C	
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Complete MAT 265 course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CST 220: Programming Languages for Technology with C/C++ and Scripting	3	C	
 EGR 280: Engineering Statistics (CS)	3	C	
 MAT 243: Discrete Mathematical Structures	3	C	
 MAT 267: Calculus for Engineers III (MA)	3	C	
 Complete MAT 266 course(s).			
CHM 113: General Chemistry I (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Term hours subtotal:	16		
Term 4 46 - 59 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CST 230: Applied Data Structures	3	C	<ul style="list-style-type: none"> • ECN 211 or ECN 212 recommended business exposure course
 CST 250: Microcomputer Architecture and Programming AND CST 251: Microcomputer Architecture and Programming Laboratory	4	C	
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
Lower Division Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete MAT 267 course(s).			
Elective	1		
Term hours subtotal:	14		

Term 5 60 - 74 Credit Hours	Hours	Minimum Grade	Notes
CST 315: Software Enterprise I: Tools and Process	3		• EST 210 pre-requisites: MAT 266 and PHY 121
CST 350: Digital Systems Design with Verilog	3		
EST 210: Circuit Analysis I	3		
MAT 275: Modern Differential Equations (MA)	3		
Lower Division Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		
Term 6 75 - 89 Credit Hours	Hours	Minimum Grade	Notes
CST 316: Software Enterprise II: Construction and Transition	3		
CST 386: Operating Systems Principles	3		
CST 364: Computer Architecture	3		
MAT 343: Applied Linear Algebra	3		
TWC 401: Principles of Technical Communication (L) OR TWC 446: Technical and Scientific Reports (L) OR Lower Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		
Term 7 90 - 105 Credit Hours	Hours	Minimum Grade	Notes
CST 415: Software Enterprise III: Inception and Elaboration (L)	3		
CST 420: Foundations of Distributed Web-Based Applications in Java	3		
CST 456: Microcomputer Systems Interfacing	3		
CST 496: Ethics and Professionalism in Computing	1		
Mathematics (MA) OR Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	3		
Upper Division Elective	3		
Term hours subtotal:	16		
Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
CST 416: Software Enterprise IV: Project and Process Management	3		
CST 486: Embedded C Programming	3		
CST Upper Division Elective	3		
HST 318: History of Engineering ((L or SB) & G) OR Upper Division Social and Behavioral Sciences (SB) AND Global Awareness (G)	3		
Upper Division Technical Elective	3		
Term hours subtotal:	15		

Technical Electives

Upper Division CST

Upper Division EST

Upper Division UET

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)
















First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Electronics Engineering Technology (Alternative Energy Technologies), BS

College of Technology and Innovation

Campus: Polytechnic **WUE**
TSEETABS

Term 1 0 - 18 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 194: Introduction to Electronic Systems	3		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Complete MAT 170 or 265 with a C or better • Complete one science requirement: CHM 113, PHY 111/113, PHY 112/114
 MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101: The ASU Experience	1		
 CHM 113: General Chemistry I (SQ)	4		
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Term hours subtotal:	18		
Term 2 19 - 34 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 194: Digital Electronic Systems	3		<ul style="list-style-type: none"> • Complete MAT 265 or 266 with a C or better • Complete one science requirement: CHM 113, PHY 111/113, PHY 112/114
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		
Term 3 35 - 49 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 210: Circuit Analysis I	3		<ul style="list-style-type: none"> • Complete MAT 266 • Complete PHY 112/114 • Complete CHM 113 • EST 210 requires completion of both MAT 266 and PHY 112 • EST 210 should be completed in term 3 for successful progression in program courses. It may be taken in term 4 but student's may have impact on their program progression due to pre-requisites and course offerings.
 STP 420: Introductory Applied Statistics (CS)	3		
CST 100: Object-Oriented Software Development I	3		
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
 Complete First-Year Composition requirement.			
Complete EST 210 course(s).			
Term hours subtotal:	15		
Term 4 50 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 200: Project Lab	2		<ul style="list-style-type: none"> • UET 331 requires completion of PHY 112, CHM 113, and EST 210 • Complete EST 200
ALT 360: Renewable Energy Technologies: Fundamentals and Integration	3		
EST 394: Digital Electronics II	3		
UET 331: Electronic Materials	3		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
EST 310: Circuit Analysis II	3		• EST 310 offered in fall term only; EST 310 is a pre-requisite for courses in future terms. Must complete EST 310 in term 5 for successful progression in degree requirements
EST 370: Sensors	3		
EST 394: Advanced Micro Controllers	3		
UET 305: Introduction to Microelectronics	3		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
EST 345: Planning and Delivering Engineering Projects	3		
EST 372: Wireless Communication Systems	3		
EST 394: Introduction to Electronic Devices	3		
EST 494: Electronics Systems Design	3		
ALT 401: Hydrogen Generation, Storage, and Distribution	3		
Term hours subtotal:	15		

Term 7 94 - 111 Credit Hours	Hours	Minimum Grade	Notes
EST 494: Capstone Project I for ES students	3		
EST 494: Statistical Process Control	3		
TWC 446: Technical and Scientific Reports (L)	3		
ALT 410: Solar Cells and Module	3		
ALT 420: Electrochemical Energy Technologies	3		
ALT 435: Applied Photovoltaics	3		
Term hours subtotal:	18		

Term 8 112 - 126 Credit Hours	Hours	Minimum Grade	Notes
EST 494: Capstone Project II for ES students	3		
Upper Division Technical Elective	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
ALT 405: Power Conditioning	3		
ALT 445: Automotive and Stationary Fuel Cell Systems	3		
Term hours subtotal:	15		

Upper Division Technical Elective
AET Upper Division Elective
ALT Upper Division Elective
EET Upper Division Elective
EST Upper Division Elective
MET Upper Division Elective
UET Upper Division Elective

Total Hours: 126
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)
















 First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Electronics Engineering Technology (Electronic Systems),BS

College of Technology and Innovation

Campus: Polytechnic **WUE**
TSEETEBS

Term 1 0 - 18 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 194: Introduction to Electronic Systems	3		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Complete MAT 170 or 265 with a C or better • Complete one science requirement: CHM 113, PHY 111/113, PHY 112/114
 MAT 265: Calculus for Engineers I (MA)	3	C	
 CHM 113: General Chemistry I (SQ)	4		
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Term hours subtotal:	18		
Term 2 19 - 34 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 194: Digital Electronic Systems	3		<ul style="list-style-type: none"> • Complete MAT 265 or 266 with a C or better • Complete one science requirement: CHM 113, PHY 111/113, PHY 112/114
 MAT 266: Calculus for Engineers II (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		
Term 3 35 - 49 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 210: Circuit Analysis I	3		<ul style="list-style-type: none"> • Complete MAT 266 • Complete PHY 112/114 • Complete CHM 113 • EST 210 requires completion of both MAT 266 and PHY 112 • EST 210 should be completed in term 3 for successful progression in program courses. It may be taken in term 4 but student's may have impact on their program progression due to pre-requisites and course offerings.
 STP 420: Introductory Applied Statistics (CS)	3		
CST 100: Object-Oriented Software Development I	3		
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
 Complete First-Year Composition requirement.			
Term hours subtotal:	15		
Term 4 50 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 200: Project Lab	2		<ul style="list-style-type: none"> • UET 331 requires completion of PHY 112 and CHM 113 • Complete EST 200
ALT 360: Renewable Energy Technologies: Fundamentals and Integration	3		
EST 394: Digital Electronics II	3		
UET 331: Electronic Materials	3		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 5 64 - 78 Credit Hours	Hours	Minimum Grade	Notes
EST 310: Circuit Analysis II	3		• EST 310 offered in fall term only; EST 310 is a pre-requisite for courses in future terms. Must complete EST 310 in term 5 for successful progression in degree requirements.
EST 370: Sensors	3		
EST 394: Advanced Micro Controllers	3		
UET 305: Introduction to Microelectronics	3		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 6 79 - 93 Credit Hours	Hours	Minimum Grade	Notes
EST 345: Planning and Delivering Engineering Projects	3		
EST 372: Wireless Communication Systems	3		
EST 394: Introduction to Electronic Devices	3		
EST 494: Electronics Systems Design	3		
MET 351: Introduction to Automation	3		
Term hours subtotal:	15		

Term 7 94 - 111 Credit Hours	Hours	Minimum Grade	Notes
EST 494: Capstone Project I for ES students	3		
EST 494: Statistical Process Control	3		
TWC 446: Technical and Scientific Reports (L)	3		
EET 406: Control System Technology	3		
EET 430: Instrumentation and Measurement Systems	3		
MET OR AET OR EST OR ALT OR EET OR UET Upper Division Elective	3		
Term hours subtotal:	18		

Term 8 112 - 126 Credit Hours	Hours	Minimum Grade	Notes
EST 494: Capstone Project II for ES students	3		
Upper Division Technical Elective	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
ALT 405: Power Conditioning OR EET 460: Power Electronics	3-4		
EET 494: Digital Realtime Control	3		
Term hours subtotal:	15-16		

Technical Elective
AET Upper Division Elective
ALT Upper Division Elective
EET Upper Division Elective
EST Upper Division Elective
MET Upper Division Elective
UET Upper Division Elective

Total Hours: 126
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

















 First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Electronics Engineering Technology (Integrated Electronic Systems), BS

College of Technology and Innovation

Campus: Polytechnic **WUE**
TSEETINBS

Term 1 0 - 18 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 194: Introduction to Electronic Systems	3		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • Complete MAT 170 or 265 with a C or better • Complete one science requirement: CHM 113, PHY 111/113, PHY 112/114
 MAT 265: Calculus for Engineers I (MA)	3	C	
 CHM 113: General Chemistry I (SQ)	4		
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Term hours subtotal:	18		
Term 2 19 - 34 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 194: Digital Electronic Systems	3		<ul style="list-style-type: none"> • Complete MAT 265 or 266 with a C or better • Complete one science requirement: CHM 113, PHY 111/113, PHY 112/114
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		
Term 3 35 - 49 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 210: Circuit Analysis I	3		<ul style="list-style-type: none"> • Complete MAT 266 • Complete PHY 112/114 • Complete CHM 113 • EST 210 requires completion of both MAT 266 and PHY 112 • EST 210 should be completed in term 3 for successful progression in program courses. It may be taken in term 4 but student's may have impact on their program progression due to pre-requisites and course offerings.
 STP 420: Introductory Applied Statistics (CS)	3		
CST 100: Object-Oriented Software Development I	3		
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
 Complete First-Year Composition requirement.			
Complete EST 210 course(s).			
Term hours subtotal:	15		
Term 4 50 - 66 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EST 200: Project Lab	2		<ul style="list-style-type: none"> • UET 331 requires completion of PHY 112 and CHM 113 • UET 331 must be completed for successful progression in degree and concentration courses • Complete EST 200
 UET 331: Electronic Materials	3		
ALT 360: Renewable Energy Technologies: Fundamentals and Integration	3		
EST 394: Digital Electronics II	3		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Social and Behavioral Sciences (SB)	3		

Term hours subtotal: 17

Term 5 67 - 81 Credit Hours	Hours	Minimum Grade	Notes
EST 310: Circuit Analysis II	3		<ul style="list-style-type: none"> EST 310 offered in fall term only; EST 310 is a pre-requisite for courses in future terms. Must complete EST 310 in term 5 for successful progression in degree requirements.
EST 370: Sensors	3		
EST 394: Advanced Micro Controllers	3		
UET 305: Introduction to Microelectronics	3		
UET 411: Layer Deposition Technology OR UET 416: Dopant Control Technology	3		
Term hours subtotal:	15		

Term 6 82 - 96 Credit Hours	Hours	Minimum Grade	Notes
EST 345: Planning and Delivering Engineering Projects	3		
EST 372: Wireless Communication Systems	3		
EST 394: Introduction to Electronic Devices	3		
EST 494: Electronics Systems Design	3		
UET 418: Systems on Silicon OR UET 424: Pattern Transfer Technology	3		
Term hours subtotal:	15		

Term 7 97 - 111 Credit Hours	Hours	Minimum Grade	Notes
EST 494: Capstone Project I for ES students	3		
EST 494: Statistical Process Control	3		
TWC 446: Technical and Scientific Reports (L)	3		
UET 411: Layer Deposition Technology OR UET 416: Dopant Control Technology	3		
UET 417: Semiconductor Technology Practice	3		
Term hours subtotal:	15		

Term 8 112 - 126 Credit Hours	Hours	Minimum Grade	Notes
EST 494: Capstone Project II for ES students	3		
MET OR AET OR EST OR ALT OR EET OR UET Upper Division Elective	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
UET 418: Systems on Silicon OR UET 424: Pattern Transfer Technology	3		
UET 432: Semiconductor Packaging and Heat Transfer	3		
Term hours subtotal:	15		

Total Hours: 126
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Engineering, BSE

College of Technology and Innovation

Campus: [Polytechnic](#) [WUE](#)

TSEGRBSE

Term 1	0 - 14 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	EGR 101: Introduction to Engineering Design I		3		<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students
	MAT 265: Calculus for Engineers I (MA)		3	C	
	ASU 101: The ASU Experience		1		
	CHM 113: General Chemistry I (SQ)		4		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
Term hours subtotal:			14		

Term 2	15 - 29 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	EGR 102: Introduction to Engineering Design II		3		
	EGR 104: Critical Inquiry in Engineering (L)		3		
	MAT 266: Calculus for Engineers II (MA)		3	C	
	PHY 121: University Physics I: Mechanics (SQ)		3		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	Complete MAT 265 course(s).				
Term hours subtotal:			15		

Term 3	30 - 46 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	EGR 201: Fall Multidisciplinary Project		3		<ul style="list-style-type: none"> Students should enroll in EGR 226: Engineering Applications of LabView with EGR 201 (EGR 226 is used as an Engineering Fundamentals Module)
	MAT 267: Calculus for Engineers III (MA)		3	C	
	EGR 280: Engineering Statistics (CS)		3		
	Complete First-Year Composition requirement.				
	Complete Mathematics (MA) requirement.				
	EGR 220: Computer Hardware for Engineers OR EGR 221: Engineering Mechanics: Statics OR EGR 222: Mechanics of Materials OR EGR 223: Engineering Thermodynamics OR EGR 224: Engineering Materials Selection OR EGR 225: Instrumentation I OR EGR 226: Engineering Applications of LabView OR EGR 227: Manufacturing Processes I OR EGR 229: Engineering Ethics and Professionalism OR EGR 230: Fluid Mechanics OR EGR 231: Engineering Mechanics: Dynamics OR		5		
	EGR 234: Structure and Properties of Engineering Materials OR EGR 235: Instrumentation II OR EGR 238: Feedback Control OR EGR 239: Engineering Economics OR EGR 294: Manufacturing Processes II OR EGR 294: Design of Experiments OR null null: null				
	Social and Behavioral Sciences (SB) OR Humanities, Fine Arts and Design (HU)		3		
	Complete First-Year Composition requirement.				
	Complete MAT 266 course(s).				
	Complete PHY 121 course(s).				
Term hours subtotal:			17		

Term 4	47 - 63 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	EGR 202: Spring Multidisciplinary Project		3		<ul style="list-style-type: none"> EGR 224: Engineering Materials Selection is taken with EGR 202 (EGR 224 is used toward Engineering Fundamentals Module)
	HST 318: History of Engineering ((L or SB) & G)		3		
	MAT 275: Modern Differential Equations (MA) OR MAT 274: Elementary Differential Equations (MA)		3		
	Complete MAT 267 course(s).				
	EGR 220: Computer Hardware for Engineers OR EGR 221: Engineering Mechanics: Statics OR EGR 222: Mechanics of Materials OR EGR 223: Engineering Thermodynamics OR				

EGR 223: Engineering Thermodynamics OR
 EGR 224: Engineering Materials Selection OR
 EGR 225: Instrumentation I OR
 EGR 226: Engineering Applications of LabView OR
 EGR 227: Manufacturing Processes I OR
 EGR 229: Engineering Ethics and Professionalism OR
 EGR 230: Fluid Mechanics OR
 EGR 231: Engineering Mechanics: Dynamics OR
 EGR 234: Structure and Properties of Engineering Materials OR
 EGR 235: Instrumentation II OR
 EGR 238: Feedback Control OR
 EGR 239: Engineering Economics OR
 EGR 294: Manufacturing Processes II OR
 EGR 294: Design of Experiments OR
 null null: null

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Upper Division Social and Behavioral Sciences (SB) OR
 Upper Division Humanities, Fine Arts and Design (HU)

3

❖ Complete MAT 267 course(s).

Term hours subtotal: 17

Term 5 64 - 79 Credit Hours	Hours	Minimum Grade	Notes
EGR 301: Fall Concentration Project	3		Consult with an advisor for selection of Primary Focus area courses from the following options:
Upper Division Primary Focus Area	3		
Secondary Focus Area	3		
BIO 181: General Biology I (SQ) OR CHM 116: General Chemistry II (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ & G) AND GLG 103: Introduction to Geology I-Laboratory (SQ) OR PHY 122: University Physics Laboratory I (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) OR BIO 182: General Biology II (SG)	4		<ul style="list-style-type: none"> ■ Civil Engineering / Land Development ■ Electrical Engineering Systems ■ Mechanical Engineering Systems ■ Robotics (Mechanical) ■ Robotics (Electrical)
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	16		See notes with major map on the courses required for each focus area.

Term 6 80 - 94 Credit Hours	Hours	Minimum Grade	Notes
EGR 302: Spring Concentration Project	3		
Upper Division Primary Focus Area	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 7 95 - 107 Credit Hours	Hours	Minimum Grade	Notes
EGR 401: Engineering Capstone Project I (L)	4		Upper division science courses are selected by emphasis area:
Upper Division Primary Focus Area	3		
Upper Division Secondary Focus Area	3		
PHY 321: Vector Mechanics and Vibration OR PHY 331: Principles of Modern Electromagnetism OR ABS 485: GIS in Natural Resources	3		<ul style="list-style-type: none"> ■ Civil Engineering / Land Development are required to take ABS 485 GIS in Natural Resources ■ Electrical Engineering Systems students are required to take PHY 331 Principles of Modern Electromagnetism ■ Mechanical Engineering Systems, Robotics (Mechanical), and Robotics (Electrical) are required to take PHY 321 Vector Mechanics and Vibration
Term hours subtotal:	13		

Term 8 108 - 120 Credit Hours	Hours	Minimum Grade	Notes
EGR 402: Engineering Capstone Project II	4		
Upper Division Primary Focus Area	3		
Upper Division Secondary Focus Area	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB) AND Upper Division Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	13		

■ PRIMARY FOCUS AREAS

Civil Engineering / Land Development

Engineering Fundamentals:

- EGR 221: Engineering Mechanics: Statics, pre-requisites: PHY 121; EGR 102 (1)
- EGR 222: Mechanics of Materials, pre-requisites: PHY 121; EGR 102 (1)
- EGR 230: Fluid Mechanics, pre-requisite: EGR 221 (1)
- 5-7 credit hours of additional modules between EGR 220 and EGR 230

- 5-7 credit hours of additional modules between EGR 220 and EGR 259 (5)

Upper division science:

- ABS 485 GIS in Natural Resources, pre-requisite: EGR 280 (3)

Focus Area Courses:

- EGR 321/394: Water Resources Engineering, pre-requisite: EGR 230 (3)
- EGR 324: Structural Design Land Development, pre-requisites EGR 221; EGR 222 (3)
- EGR 494: Environmental Engineering, pre-requisites: EGR 321/394 (3)
- EGR 494: Civil Design, pre-requisites: EGR 321/394; EGR 494 (3)

Electrical Engineering Systems

Engineering Fundamentals (modules):

- EGR 225: Instrumentation I, pre-requisites: EGR 102; MAT 170 or higher (1)
- EGR 235: Instrumentation II, pre-requisites: EGR 225; MAT 265 (1)
- EGR 238: Feedback Control, pre-requisites: PHY 121 (1)
- 5-7 credit hours of additional modules between EGR 220 and EGR 259 (5)

Upper division science:

- PHY 331: Principles of Modern Electromagnetism (3)

Focus Area Courses:

- EGR 333: Distributed Circuits and Systems, pre-requisites EGR 235; MAT 275 (3)
- EGR 339: Fabrication of Electrical Systems, pre-requisites EGR 235; MAT 275 (3)
- EGR 433: Transforms & Systems Modeling, pre-requisites EGR 235; MAT 275; MAT 343 (3)
- EGR modules, example: EGR 335, EGR 336, EGR 494: Power Electronics (3)

Mechanical Engineering Systems

Engineering Fundamentals:

- EGR 221: Engineering Mechanics: Statics, pre-requisites: PHY 121; EGR 102 (1)
- EGR 222: Mechanics of Materials, pre-requisites: PHY 121; EGR 102 (1)
- EGR 231: Engineering Mechanics: Dynamics, pre-requisites: PHY 121 (1)
- 5-7 credit hours of additional modules between EGR 220 and EGR 259 (5)

Upper division science:

- PHY 321 (3) Vector Mechanics and Vibration (3)

Focus Area Courses:

- EGR 340: Engineering Thermo-Fluids I, pre-requisites PHY 111 or 121; MAT 266 (3)
- EGR 343: Mechanics of Solid Materials, pre-requisites EGR 221; EGR 222 (3)
- EGR 346: Engineering Design, pre-requisite EGR 343 (3)
- EGR 445: Mechanical Engineering Systems, pre-requisite EGR 301 or 302 (3)

Robotics (Mechanical)

Engineering Fundamentals

- EGR 221: Engineering Mechanics: Statics, pre-requisites: PHY 121; EGR 102 (1)
- EGR 222: Mechanics of Materials, pre-requisites: PHY 121; EGR 102 (1)
- EGR 231: Engineering Mechanics: Dynamics, pre-requisites: PHY 121 (1)
- 5-7 credit hours of additional modules between EGR 220 and EGR 259 (5)

Upper division science:

- PHY 321 (3) Vector Mechanics and Vibration

Focus Area Courses:

- EGR 353/394: Robotics I, pre-requisites: MAT 275; EGR 222 (3)
- EGR 343: Mechanics of Solid Materials, pre-requisites EGR 221; EGR 222 (3)
- EGR 346: Engineering Design, pre-requisite EGR 343 (3)
- EGR 453/494: Robotics II, pre-requisites: EGR 346 (3)

Robotics (Electrical)

Engineering Fundamentals

- EGR 221: Engineering Mechanics: Statics, pre-requisites: PHY 121; EGR 102 (1)
- EGR 222: Mechanics of Materials, pre-requisites: PHY 121; EGR 102 (1)
- EGR 231: Engineering Mechanics: Dynamics, pre-requisites: PHY 121 (1)
- 5-7 credit hours of additional modules between EGR 220 and EGR 259 (5)

Upper division science:

- PHY 321: Vector Mechanics and Vibration (3)

Focus Area Courses:

- EGR 353/394: Robotics I, pre-requisites: MAT 275; EGR 222 (3)
- EGR 333: Distributed Circuits and Systems, pre-requisites EGR 235; MAT 275 (3)
- EGR 433: Transforms and Systems Modeling, pre-requisites EGR 235; MAT 275; MAT 343 (3)
- EGR 453/494: Robotics II, pre-requisites: EGR 353/394: Robotics I (3)

■ **SECONDARY FOCUS AREAS**

A secondary focus area is a group of courses comprising of 12 or more credit hours (minimum 6 hours upper division at the 300 or 400 level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with their advisor to identify their secondary focus area.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)














First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Environmental Technology Management, BS

College of Technology and Innovation

Campus: Polytechnic **WUE**
TSETMBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 100: The Living World (SQ) AND CHM 101: Introductory Chemistry (SQ) AND PHY 101: Introduction to Physics (SQ)	4		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 MAT 170: Precalculus (MA)	3		
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Social and Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		
Term 2 15 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 100: The Living World (SQ) AND CHM 101: Introductory Chemistry (SQ) AND PHY 101: Introduction to Physics (SQ)	4		
 MAT 210: Brief Calculus (MA)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Social and Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
 Complete MAT 170 course(s).			
Term hours subtotal:	16		
Term 3 31 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 100: The Living World (SQ) AND CHM 101: Introductory Chemistry (SQ) AND PHY 101: Introduction to Physics (SQ)	4		
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Mathematics (MA) OR Natural Science - General (SG) OR Natural Science - Quantitative (SQ) OR Computer/Statistics/Quantitative Applications (CS)	4		
 Complete First-Year Composition requirement.			
 Complete MAT 210 course(s).			
Term hours subtotal:	14		
Term 4 45 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 231: Elementary Organic Chemistry (SQ)	4		
ABS 270: Sustainable Biological Systems	3		
Humanities, Fine Arts and Design (HU)	3		
Mathematics (MA) OR Natural Science - General (SG) OR Natural Science - Quantitative (SQ) OR Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		

Term hours subtotal: 16

Term 5 61 - 75 Credit Hours	Hours	Minimum Grade	Notes
ETM 301: Environmental Management	3		• CHM 101 and MAT 170 required for ETM 302
ETM 302: Water and Wastewater Treatment Technology	3		
ETM 303: Environmental Regulations	3		
Elective	3		
STP 420: Introductory Applied Statistics (CS)	3		
Term hours subtotal:		15	

Term 6 76 - 90 Credit Hours	Hours	Minimum Grade	Notes
ETM 401: Hazardous Waste Management	3		
ETM 402: Unit Treatment Technologies	3		
ETM 407: Occupational Hygiene	3		
OMT OR ACC OR FIN OR ECN OR TMC OR TEM OR MGT OR BUA OR MET OR GIT OR CST OR CIS OR EGR,AET OR ALT OR EST OR SUS OR MKT OR ABS OR AMT OR BIO OR BCH OR CHM OR EET OR MAT OR MIC OR PHY OR PLB OR UET OR PSY OR PGS Elective	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Term hours subtotal:		15	

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
ETM 406: Environmental Chemistry	3		
ETM 494: Project Management	3		
Upper Division Elective	3		
Upper Division TWC course (L)	3		
OMT OR ACC OR FIN OR ECN OR TMC OR TEM OR MGT OR BUA OR MET OR GIT OR CST OR CIS OR EGR OR AET OR ALT OR EST OR SUS OR MKT OR ABS OR AMT OR BIO OR BCH OR CHM OR EET OR MAT OR MIC OR PHY OR PLB OR UET OR PGS OR PSY Upper Division Elective	3		
Term hours subtotal:		15	

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		• ETM 498 requirement is ETM 494/498/480 Senior Project
Complete 2 courses: OMT OR ACC OR FIN OR ECN OR TMC OR TEM OR MGT OR BUA OR MET OR GIT OR CST OR CIS OR EGR,AET OR ALT OR EST OR SUS OR MKT OR ABS OR AMT OR BIO OR BCH OR CHM OR EET OR MAT OR MIC OR PHY OR PLB OR UET OR PSY OR PGS Elective	6		
ETM 498: Senior Project	3		
ETM 428: International Environmental Management (G)	3		
Term hours subtotal:		15	

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
 • Global Awareness (G)
 • Historical Awareness (H)
 First-Year Composition

















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.



2011 - 2012 Major Map Food Industry Management, BS

College of Technology and Innovation

Campus: Polytechnic

BAFIMBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CIS 105: Computer Applications and Information Technology (CS)	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students. • See academic advisor for appropriate Student Success course requirement if not a first-time freshman.
 MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
WPC 101: Student Success in Business	1		
Humanities, Fine Arts and Design (HU)	3		
PGS course (SB)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16-17		
Term 2 17 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
 MAT 211: Mathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Natural Science - Quantitative (SQ)	4		
SOC course (SB)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16-17		
Term 3 33 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACC 231: Uses of Accounting Information I	3	C	
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Minimum 2.00 GPA ASU Cumulative.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	16		
Term 4 49 - 64 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ACC 241: Uses of Accounting Information II	3	C	
 ECN 221: Business Statistics (CS)	3	C	
MKT 300: Marketing and Business Performance	3	C	

TWC 347: Written Communication for Managers (L) OR ENG 301: Writing for the Professions (L)	3	
WPC 301: Business Forum	1	C
Historical Awareness (H)	3	
 Milestone: The business skill courses are critical requirements that must be completed by the end of Term Four: CIS 105, MAT 210, MAT 211, ECN 211, ECN 212, ACC 231, ACC 241, ECN 221.		
 Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 5 65 - 79 Credit Hours	Hours	Minimum Grade	Notes
AGB 420: Food Advertising and Promotion	3	C	
FIN 300: Fundamentals of Finance	3	C	
SCM 300: Global Supply Operations	3	C	
Cultural Diversity in the U.S. (C)	3		
Upper Division Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 6 80 - 94 Credit Hours	Hours	Minimum Grade	Notes
AGB 425: Agricultural Marketing Channels	3	C	
AGB 435: Commodity Futures and Options Markets	3	C	
MGT 300: Organization and Management Leadership	3	C	
Complete 2 courses: General Education Elective	6		
Term hours subtotal:	15		

Term 7 95 - 108 Credit Hours	Hours	Minimum Grade	Notes
AGB 445: Food Retailing	3	C	
AGB 456: Food Product Innovation and Development	3	C	
LES 305: Legal, Ethical, and Regulatory Issues in Business	3	C	
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	14		

Term 8 109 - 120 Credit Hours	Hours	Minimum Grade	Notes
AGB 302: International Management and Agribusiness (G) OR ECN 306: Survey of International Economics (SB & G) OR MGT 302: Principles of International Business (G)	3	C	
AGB 481: Microeconomic Analysis of Food Markets	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)












 First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Graphic Information Technology, BS

College of Technology and Innovation

Campus: Polytechnic **WUE**
TSGITBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GIT 135: Graphic Communications	3		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students
 GIT 215: Introduction to Graphics Programming	3		
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 170: Precalculus (MA)	3		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 17 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GIT 230: Digital Illustration in Publishing	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
CHM 101: Introductory Chemistry (SQ) OR PHY 101: Introduction to Physics (SQ) OR Natural Science - Quantitative (SQ)	4		
PGS 101: Introduction to Psychology (SB) OR Social and Behavioral Sciences (SB)	3		
Elective	2		
Complete MAT 170 course(s).			
Term hours subtotal:	15		
Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GIT 210: Creative Thinking and Design Visualization	3		
 GIT 237: Web Content Design	3		
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
CHM 101: Introductory Chemistry (SQ) OR PHY 101: Introduction to Physics (SQ) OR Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
 Complete GIT 135, GIT 215, GIT 230, GIT 210, GIT 237 course(s).			
Term hours subtotal:	16		
Term 4 48 - 62 Credit Hours	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) OR Social and Behavioral Sciences (SB)	3		
STP 420: Introductory Applied Statistics (CS)	3		
Literacy and Critical Inquiry (L)	3		
Upper Division Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 77 Credit Hours	Hours	Minimum Grade	Notes
GIT 303: Digital Publishing	3		
GIT 384: Commercial Photography	3		
TMC 346: Management Dynamics	3		
Technical Focus Area A	3		
Technical Focus Area B	3		
Term hours subtotal:	15		

Term 6 78 - 90 Credit Hours	Hours	Minimum Grade	Notes
GIT 314: Multimedia Design, Planning and Storyboards	3		• TMC 331 requires pre/co-req of TMC 346 and STP 420
TMC 331: Quality Assurance	3		
TMC 396: Professional Orientation	1		
Technical Focus Area A	3		
Technical Focus Area B	3		
Term hours subtotal:	13		

Term 7 91 - 105 Credit Hours	Hours	Minimum Grade	Notes
GIT 432: Graphic Industry Business Practices	3		
TMC 470: Project Management	3		
Upper Division Technical Focus Area A	3		
Upper Division Technical Focus Area B	3		
TWC 401: Principles of Technical Communication (L) OR TWC 446: Technical and Scientific Reports (L) OR TWC 347: Written Communication for Managers (L) OR TWC 431: Principles of Technical Editing (L) OR TWC 421: Principles of Writing with Technology (L) OR Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours	Hours	Minimum Grade	Notes
GIT 413: Professional Portfolio Design and Presentation	3		
OMT 440: Introduction to International Business	3		
TMC 480: Senior Project	3		
Upper Division Technical Focus Area A	3		
Upper Division Technical Focus Area B	3		
Term hours subtotal:	15		

Gaming (must be accepted into gaming certificate program)	Reproduction Technology	Informatics
CPI 111: Game Development I (CS)	GIT 333: Printing Technology	CPI 101: Introduction to Informatics (CS)
CPI 211: Game Development II	GIT 334: Image Capture and Manipulation	CPI 200: Mathematical Foundations of Informatics (MA)
CPI 311: Game Engine Development	GIT 436: Gravure Technology	CPI 400: Scientific Computing and Visualization
CPI 420: Technology and Society	GIT 437: Color Reproduction Systems	CPI 420: Technology and Society
Mass Communications	Modeling & Animation	Graphic Design
MCO 120: Media and Society (SB)	GIT 212: Computer-Aided Design and Drafting (CADD) (CS)	GRA 225: Communication/Interaction Design Theory
MCO 200: Introduction to Electronic Media	GIT 312: 3-D Computer Graphics Modeling and Representation (CS)	GRA 401: Creative Environment
MCO 418: History of Mass Communication (SB & H)	GIT 313: Technical Illustration and Photorealistic Rendering	GRA 464: Collaborative Design Development I (L)
MCO 430: International Mass Communication (G)	GIT 411: Computer Animation	GRA 465: Collaborative Design Development II (L)
Physical Geography	Industrial Design	Multimedia Writing and Technical Communication
GPH 411: Physical Geography	IND 242: Materials and Design	

GPH 371: Introduction to Cartography and Georepresentation (CS)	IND 344: Human Factors in Design	TWC 301: General Principles of Multimedia Writing (L)
GPH 373: Geographic Information Science I (CS)	IND 464: Collaborative Design Development I (L)	TWC 347: Written Communication for Managers (L)
GPH 471: Geographics: Interactive and Animated Cartography and Geovisualization (CS)	IND 465: Collaborative Design Development II (L)	TWC 445: Computer Documentation
		TWC 446: Technical and Scientific Reports (L)
Web Development	Film and Media Studies	Applied Psychology (must take pre-req PSY 101)
GIT 414: Web Site Design and Internet/Web Technologies	FMS 100: Introduction to Film (HU)	PSY 290: Research Methods (L or SG)
GIT 417: Advanced Internet Programming	FMS 354: Critical Studies in Animation	PSY 323: Sensation and Perception
GIT 418: Multimedia Authoring, Scripting and Production	FMS 450: Technology, Culture, and Media (L or HU)	PSY 360: Cognitive Science
GIT 435: Web Management and E-Commerce	FMS 481: Entertainment Technologies	PSY 438: Human-Computer Interaction

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Manufacturing Engineering Technology, BS

College of Technology and Innovation

Campus: Polytechnic **WUE**
TSMETBS

Term 1	0 - 14 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
					<ul style="list-style-type: none">• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses• ASU Math Placement Exam score determines placement in Mathematics course• ASU 101 or College specific equivalent First Year Seminar required of all freshman students• MET 150 is only offered in fall semesters. Students are strongly encouraged to enroll in MET 150 in their first fall semester at ASU.• Students complete one of the following sequences: a) MAT 170, MAT 265, MAT 266, and STP 420 OR b) MAT 265, MAT 266, MAT 274/275, and STP 420

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

❗ Complete MAT , STP course(s).

❗ Complete PHY , CHM course(s).

❗ Complete MET 211, MET 231 course(s).

Term hours subtotal: 16

Term 4 45 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ MET 213: Applied Mechanics of Materials	3		
❗ STP 420: Introductory Applied Statistics (CS)	3		
EST 210: Circuit Analysis I	3		
MET 214: Applied Mechanics of Materials Laboratory	1		
Literacy and Critical Inquiry (L) OR ENG 301: Writing for the Professions (L)	3		
Social and Behavioral Sciences (SB) AND Global Awareness (G)	3		
❗ Complete MATH course(s).			
❗ Complete SCIENCE course(s).			
❗ Complete MET 213 course(s).			
Term hours subtotal:	16		

Term 5 61 - 77 Credit Hours	Hours	Minimum Grade	Notes
MET 300: Applied Material Science	3		
MET 309: Nondestructive Testing and Quality Assurance	1		
MET 331: Machine Design I	3		
MET 340: Engineering Thermo-Fluids I	3		
MET 396: Professional Orientation	1		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	17		

Term 6 78 - 95 Credit Hours	Hours	Minimum Grade	Notes
MET 341: Manufacturing Analysis	3		
MET 344: Casting and Forming Processes	3		
MET 345: Advanced Manufacturing Processes	3		
MET 351: Introduction to Automation	3		
MET 409: Applied Engineering Economics	3		
Upper Division Social and Behavioral Sciences (SB) OR Upper Division Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	18		

Term 7 96 - 113 Credit Hours	Hours	Minimum Grade	Notes
MET 410: Manufacturing Resource Management	3		
MET 416: Applied Computer-Integrated Manufacturing (CS)	3		
MET 442: Specialized Production Processes	3		
MET 443: CNC Computer Programming	3		
MET 460: Capstone Project I	3		
TWC 446: Technical and Scientific Reports (L)	3		
Term hours subtotal:	18		

Term 8 114 - 128 Credit Hours	Hours	Minimum Grade	Notes
MET 401: Quality Assurance	3		
MET 444: Production Tooling	3		

Complete 2 courses: MET OR AET OR EST OR ALT OR EET OR UET Upper Division Elective	6
MET 461: Capstone Project II	3
Term hours subtotal:	15

Total Hours: 128

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Manufacturing Engineering Technology (Mechanical), BS

College of Technology and Innovation

Campus: Polytechnic **WUE**
TSMETMBS

Term 1	0 - 14 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
					<ul style="list-style-type: none">• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses• ASU Math Placement Exam score determines placement in Mathematics course• ASU 101 or College specific equivalent First Year Seminar required of all freshman students• MET 150 is only offered in fall semesters. Students are strongly encouraged to enroll in MET 150 in their first fall semester at ASU.• Students complete one of the following sequences: a) MAT 170, MAT 265, MAT 266, and STP 420 OR b) MAT 265, MAT 266, MAT 274/275, and STP 420

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

❗ Complete MET 211 course(s).

❗ Complete MAT , STP course(s).

❗ Complete PHY , CHM course(s).

Term hours subtotal: 16

Term 4 45 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ MET 213: Applied Mechanics of Materials	3		
❗ STP 420: Introductory Applied Statistics (CS)	3		
EST 210: Circuit Analysis I	3		
MET 214: Applied Mechanics of Materials Laboratory	1		
ENG 301: Writing for the Professions (L) OR Literacy and Critical Inquiry (L)	3		
Social and Behavioral Sciences (SB) AND Global Awareness (G)	3		
❗ Complete MET 213 course(s).			
Term hours subtotal:	16		

Term 5 61 - 77 Credit Hours	Hours	Minimum Grade	Notes
MET 300: Applied Material Science	3		
MET 309: Nondestructive Testing and Quality Assurance	1		
MET 331: Machine Design I	3		
MET 340: Engineering Thermo-Fluids I	3		
MET 396: Professional Orientation	1		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	17		

Term 6 78 - 95 Credit Hours	Hours	Minimum Grade	Notes
MET 341: Manufacturing Analysis	3		
MET 344: Casting and Forming Processes	3		
MET 345: Advanced Manufacturing Processes	3		
MET 351: Introduction to Automation	3		
MET 409: Applied Engineering Economics	3		
Upper Division Social and Behavioral Sciences (SB) OR Upper Division Humanities, Fine Arts and Design (HU)	3		
Term hours subtotal:	18		

Term 7 96 - 113 Credit Hours	Hours	Minimum Grade	Notes
MET 410: Manufacturing Resource Management	3		
MET 416: Applied Computer-Integrated Manufacturing (CS)	3		
MET 434: Engineering Thermo-Fluids III	3		
MET 443: CNC Computer Programming	3		
MET 460: Capstone Project I	3		
TWC 446: Technical and Scientific Reports (L)	3		
Term hours subtotal:	18		

Term 8 114 - 128 Credit Hours	Hours	Minimum Grade	Notes
MET 401: Quality Assurance	3		
MET 438: Machine Design II	3		
MET 444: Production Tooling	3		
MET 461: Capstone Project II	3		
MET OR AET OR EST OR ALT OR EET OR UET Upper Division Elective	3		

Total Hours: 128
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)






















First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Mechanical Engineering Technology, BS

College of Technology and Innovation

Campus: Polytechnic 
TSMECBS

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MET 150: Introduction to Engineering Technology OR MET 160: CADD and Solid Modeling	1-2		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • MET 150 is only offered in fall semesters. Students are strongly encouraged to enroll in MET 150 in their first fall semester at ASU. • Students complete one of the following sequences: a) MAT 170, MAT 265, MAT 266, and STP 420 OR b) MAT 265, MAT 266, MAT 274/275, and STP 420
 MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C	
 CHM 113: General Chemistry I (SQ)	4		
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Complete MAT , STP course(s).			
 Complete PHY , CHM course(s).			
 Complete MET , AET course(s).			
Term hours subtotal:	15-16		
Term 2 16 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MET 160: CADD and Solid Modeling	2		
 MET 230: Introduction to Engineering Materials	2		
 CHM 113: General Chemistry I (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) OR PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
 MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Complete MAT , STP course(s).			
 Complete MET , AET course(s).			
 Complete PHY , CHM course(s).			
Term hours subtotal:	14		
Term 3 30 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MET 211: Statics	3		
 MAT 266: Calculus for Engineers II (MA) OR MAT 274: Elementary Differential Equations (MA)	3		
AET 210: Measurements and Testing	3		
MET 231: Manufacturing Processes	3		
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			

❖ Complete MAT , STP course(s).

❖ Complete MET 211 course(s).

❖ Complete PHY , CHM course(s).

Term hours subtotal: 15

Term 4 45 - 60 Credit Hours	Hours	Minimum Grade	Notes
❖ MET 213: Applied Mechanics of Materials	3		
❖ STP 420: Introductory Applied Statistics (CS)	3		
MET 214: Course not found	1		
MET 345: Advanced Manufacturing Processes	3		
EST 210: Circuit Analysis I	3		
ENG 301: Writing for the Professions (L) OR Literacy and Critical Inquiry (L)	3		
❖ Complete MAT course(s).			
❖ Complete MET 213 course(s).			
❖ Complete MET , AET course(s).			
❖ Complete SCIENCE course(s).			
Term hours subtotal:	16		

Term 5 61 - 77 Credit Hours	Hours	Minimum Grade	Notes
MET 212: Applied Engineering Mechanics: Dynamics	3		
MET 300: Applied Material Science	3		
MET 309: Nondestructive Testing and Quality Assurance	1		
MET 331: Machine Design I	3		
MET 340: Engineering Thermo-Fluids I	3		
MET 396: Professional Orientation	1		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	17		

Term 6 78 - 95 Credit Hours	Hours	Minimum Grade	Notes
MET 409: Applied Engineering Economics	3		
MET 432: Engineering Thermo-Fluids II	3		
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
MET 351: Introduction to Automation	3		
MET 418: Composites Materials Manufacturing	3		
Upper Division Technical Elective	3		
Term hours subtotal:	18		

Term 7 96 - 113 Credit Hours	Hours	Minimum Grade	Notes
MET 460: Capstone Project I	3		
TWC 446: Technical and Scientific Reports (L)	3		
MET 434: Engineering Thermo-Fluids III	3		
MET OR AET OR EST OR ALT OR EET OR UET Upper Division Elective	3		
Upper Division Technical Elective	3		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	18		

Term 8 114 - 128 Credit Hours	Hours	Minimum Grade	Notes
MET 401: Quality Assurance	3		
MET 461: Capstone Project II	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
MET 438: Machine Design II	3		

- **Mechanical**

- MET 351 (3) Introduction to Automation, pre-requisite: EST 210 (Spring)
- MET 418 (3) Composites Materials Manufacturing, pre-requisite: MET 300(Spring)
- MET 434 (3) Engineering Thermo-Fluids III, pre-requisite: MET 340 (Fall)
- MET 438 (3) Machine Design II, pre-requisite: MET 331(Spring)
- MET 440 (3) Finite Element Analysis, pre-requisite: MET 331 (Spring)
- Technical Elective (3)

- **Technical Electives**

This program requires technical electives which are courses in the department that are not required for the major and concentration. Students can select from upper division courses in MET, AET, EST, ALT, EET, UET.

Upper Division Technical Elective

AET Upper Division Elective

ALT Upper Division Elective

EET Upper Division Elective

EST Upper Division Elective

MET Upper Division Elective

UET Upper Division Elective

Total Hours: 128

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.









2011 - 2012 Major Map









Mechanical Engineering Technology (Aeronautical Engineering Technology), BS





College of Technology and Innovation

Campus: [Polytechnic](#) [WUE](#)

TSMCEBS

Term 1	0 - 15 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	MET 150: Introduction to Engineering Technology OR MET 160: CADD and Solid Modeling		1-2		<ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course ASU 101 or College specific equivalent First Year Seminar required of all freshman students MET 150 is only offered in fall semesters. Students are strongly encouraged to enroll in MET 150 in their first fall semester at ASU. Students complete one of the following sequences: a) MAT 170, MAT 265, MAT 266, and STP 420 OR b) MAT 265, MAT 266, MAT 274/275, and STP 420
	MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA)		3	C	
	CHM 113: General Chemistry I (SQ)		4		
	PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)		4		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	Complete MAT , STP course(s).				
	Complete PHY , CHM course(s).				
	Complete MET , AET course(s).				
Term hours subtotal:			15-16		

Term 2	16 - 29 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	MET 160: CADD and Solid Modeling		2		
	MET 230: Introduction to Engineering Materials		2		
	MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA)		3	C	
	CHM 113: General Chemistry I (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) OR PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)		4		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
	Complete MAT , STP course(s).				
	Complete PHY , CHM course(s).				
	Complete MET , AET course(s).				
Term hours subtotal:			14		

Term 3	30 - 44 Credit Hours	Critical course signified by 	Hours	Minimum Grade	Notes
	MET 211: Statics		3		
	MAT 266: Calculus for Engineers II (MA) OR MAT 275: Modern Differential Equations (MA)		3		
	AET 210: Measurements and Testing		3		
	MET 231: Manufacturing Processes		3		
	Humanities, Fine Arts and Design (HU) AND Global Awareness (G)		3		
	Complete First-Year Composition requirement.				
	Complete Mathematics (MA) requirement.				
	Complete MAT , STP course(s).				
	Complete PHY , CHM course(s).				
Term hours subtotal:			15		

Term 4	45 - 59 Credit Hours	Critical course signified by	Hours	Minimum Grade	Notes
	AET 215: Aircraft Systems		2		
	MET 213: Applied Mechanics of Materials		3		
	STP 420: Introductory Applied Statistics (CS)		3		
	EST 210: Circuit Analysis I		3		
	MET 214: Applied Mechanics of Materials Laboratory		1		

MET 345: Advanced Manufacturing Processes	3
❗ Complete MATH course(s).	
❗ Complete SCIENCE course(s).	
❗ Complete MAT , STP course(s).	
❗ Complete MET 213 course(s).	
Term hours subtotal:	15

Term 5 60 - 76 Credit Hours	Hours	Minimum Grade	Notes
MET 212: Applied Engineering Mechanics: Dynamics	3		
MET 300: Applied Material Science	3		
MET 309: Nondestructive Testing and Quality Assurance	1		
MET 331: Machine Design I	3		
MET 340: Engineering Thermo-Fluids I	3		
MET 396: Professional Orientation	1		
AET 300: Aircraft Design I	3		
Term hours subtotal:	17		

Term 6 77 - 94 Credit Hours	Hours	Minimum Grade	Notes
MET 409: Applied Engineering Economics	3		
MET 432: Engineering Thermo-Fluids II	3		
MET 418: Composites Materials Manufacturing	3		
Upper Division Technical Elective	3		
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	18		

Term 7 95 - 112 Credit Hours	Hours	Minimum Grade	Notes
ENG 301: Writing for the Professions (L) OR Literacy and Critical Inquiry (L)	3		
MET 460: Capstone Project I	3		
Upper Division Technical Elective	3		
TWC 446: Technical and Scientific Reports (L)	3		
AET 417: Aerospace Structures	3		
MET 434: Engineering Thermo-Fluids III	3		
Term hours subtotal:	18		

Term 8 113 - 128 Credit Hours	Hours	Minimum Grade	Notes
MET 401: Quality Assurance	3		
MET 461: Capstone Project II	3		
AET 415: Gas Dynamics and Propulsion	3		
AET 420: Experimental Aerodynamics and Wind Tunnels	1		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

■ Technical Electives

This program requires technical electives which are courses in the department that are not required for the major and concentration. Students can select from upper division courses in MET, AET, EST, ALT, EET, UET.

■ Aeronautical Concentration

- AET 215 (2) Aircraft Systems, (Spring)
- AET 300 (3) Aircraft Design I, pre-requisite: AET 215, MET 211 (Fall)
- AET 415 (3) Gas Dynamics and Propulsion, pre-requisite: MET 432 (Spring)
- AET 417 (3) Aerospace Structures, pre-requisite: MET 213, MET 212, AET 300 (Fall)
- AET 420 (1) Experimental Aerodynamics and Wind Tunnels, pre-requisite: AET 300, MET 432 (Spring)
- MET 418 (3) Composites Materials Manufacturing, pre-requisite: MET 300 (Spring)
- MET 434 (3) Engineering Thermo Fluids III, pre-requisite: MET 432 (Fall)

Upper Division Technical Elective

AET Upper Division Elective

ALT Upper Division Elective

EET Upper Division Elective

EST Upper Division Elective

EST Upper Division Elective

MET Upper Division Elective

UET Upper Division Elective

Total Hours: 128

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition






















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

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2011 - 2012 Major Map Mechanical Engineering Technology (Automation Engineering Technology), BS

College of Technology and Innovation

Campus: Polytechnic **WUE**
TSMCUBS

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MET 150: Introduction to Engineering Technology OR MET 160: CADD and Solid Modeling	1-2		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • MET 150 is only offered in fall semesters. Students are strongly encouraged to enroll in MET 150 in their first fall semester at ASU. • Students complete one of the following sequences: a) MAT 170, MAT 265, MAT 266, and STP 420 OR b) MAT 265, MAT 266, MAT 274/275, and STP 420
 MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C	
 CHM 113: General Chemistry I (SQ)	4		
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Complete MAT , STP course(s).			
 Complete PHY , CHM course(s).			
 Complete MET , AET course(s).			
Term hours subtotal:	15-16		
Term 2 16 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MET 160: CADD and Solid Modeling	2		
 MET 230: Introduction to Engineering Materials	2		
 MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA)	3	C	
 CHM 113: General Chemistry I (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) OR PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
 Complete MAT , STP course(s).			
 Complete PHY , CHM course(s).			
 Complete MET , AET course(s).			
Term hours subtotal:	14		
Term 3 30 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MET 211: Statics	3		
 MAT 266: Calculus for Engineers II (MA) OR MAT 275: Modern Differential Equations (MA)	3		
AET 210: Measurements and Testing	3		
MET 231: Manufacturing Processes	3		
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			

❖ Complete MAT , STP course(s).

❖ Complete PHY , CHM course(s).

❖ Complete MET , AET course(s).

Term hours subtotal: 15

Term 4	45 - 60 Credit Hours	Critical course signified by ❖	Hours	Minimum Grade	Notes
❖	MET 213: Applied Mechanics of Materials		3		
❖	STP 420: Introductory Applied Statistics (CS)		3		
	EST 210: Circuit Analysis I		3		
	MET 214: Course not found		1		
	MET 345: Advanced Manufacturing Processes		3		
	ENG 301: Writing for the Professions (L) OR Literacy and Critical Inquiry (L)		3		
❖	Complete MATH course(s).				
❖	Complete SCIENCE course(s).				
❖	Complete MAT , STP course(s).				
❖	Complete MET 213 course(s).				
❖	Complete MET , AET course(s).				
Term hours subtotal:			16		

Term 5	61 - 77 Credit Hours	Hours	Minimum Grade	Notes
	MET 212: Applied Engineering Mechanics: Dynamics	3		
	MET 300: Applied Material Science	3		
	MET 309: Nondestructive Testing and Quality Assurance	1		
	MET 331: Machine Design I	3		
	MET 340: Engineering Thermo-Fluids I	3		
	MET 396: Professional Orientation	1		
	Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:		17		

Term 6	78 - 95 Credit Hours	Hours	Minimum Grade	Notes
	MET 409: Applied Engineering Economics	3		
	MET 432: Engineering Thermo-Fluids II	3		
	MET 341: Manufacturing Analysis	3		
	MET 351: Introduction to Automation	3		
	Upper Division Technical Elective	3		
	Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:		18		

Term 7	96 - 113 Credit Hours	Hours	Minimum Grade	Notes
	MET 460: Capstone Project I	3		
	TWC 446: Technical and Scientific Reports (L)	3		
	MET 416: Applied Computer-Integrated Manufacturing (CS)	3		
	MET 455: Automation Systems Integration	3		
	Upper Division Technical Elective	3		
	Social and Behavioral Sciences (SB)	3		
Term hours subtotal:		18		

Term 8	114 - 128 Credit Hours	Hours	Minimum Grade	Notes
	MET 401: Quality Assurance	3		
	MET 461: Capstone Project II	3		
	MET 438: Machine Design II	3		

MET OR AET OR EST OR ALT OR EET OR UET Upper Division Elective	3
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3
Term hours subtotal:	15

• **Automation**

- MET 341 (3) Manufacturing Analysis, pre-requisite: MET 231 (Spring)
- MET 351 (3) Introduction to Automation, pre-requisite: EST 210 (Spring)
- MET 416 (3) Applied Computer-Integrated Manufacturing, pre-requisite: MET 341 (Fall)
- MET 438 (3) Machine Design II, pre-requisite: MET 331 (Spring)
- MET 455 (3) Automation Systems Integration, pre-requisite: MET 351 (Fall)
- Technical Elective (3)

• **Technical Electives**

This program requires technical electives which are courses in the department that are not required for the major and concentration. Students can select from upper division courses in MET, AET, EST, ALT, EET, UET.

Upper Division Technical Elective
AET Upper Division Elective
ALT Upper Division Elective
EET Upper Division Elective
EST Upper Division Elective
MET Upper Division Elective
UET Upper Division Elective

Total Hours: 128

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.






















2011 - 2012 Major Map Mechanical Engineering Technology (Automotive), BS

College of Technology and Innovation

Campus: Polytechnic

TSMECTBS

WUE

Term 1 0 - 15 Credit Hours Critical course signified by 		Hours	Minimum Grade	Notes
 MET 150: Introduction to Engineering Technology OR MET 160: CADD and Solid Modeling		1-2		<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • MET 150 is only offered in fall semesters. Students are strongly encouraged to enroll in MET 150 in their first fall semester at ASU. • Students complete one of the following sequences: a) MAT 170, MAT 265, MAT 266, and STP 420 OR b) MAT 265, MAT 266, MAT 274/275, and STP 420
 MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA)		3	C	
 CHM 113: General Chemistry I (SQ)		4		
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)		4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
 Complete MAT , STP course(s).				
 Complete MET , AET course(s).				
 Complete PHY , CHM course(s).				
Term hours subtotal:		15-16		
Term 2 16 - 29 Credit Hours Critical course signified by 		Hours	Minimum Grade	Notes
 MET 160: CADD and Solid Modeling		2		
 MET 230: Introduction to Engineering Materials		2		
 MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA)		3	C	
 CHM 113: General Chemistry I (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) OR PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)		4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students		3	C	
 Complete MAT , STP course(s).				
 Complete MET , AET course(s).				
 Complete PHY , CHM course(s).				
Term hours subtotal:		14		
Term 3 30 - 44 Credit Hours Critical course signified by 		Hours	Minimum Grade	Notes
 MET 211: Statics		3		
 MAT 266: Calculus for Engineers II (MA) OR MAT 275: Modern Differential Equations (MA)		3		
AET 210: Measurements and Testing		3		
MET 231: Manufacturing Processes		3		
Humanities, Fine Arts and Design (HU) AND Global Awareness (G)		3		
 Complete First-Year Composition requirement.				
 Complete Mathematics (MA) requirement.				

❗ Complete MAT , STP course(s).

❗ Complete MET , AET course(s).

❗ Complete PHY , CHM course(s).

Term hours subtotal: 15

Term 4 45 - 63 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ STP 420: Introductory Applied Statistics (CS)	3		
❗ MET 213: Applied Mechanics of Materials	3		
EST 210: Circuit Analysis I	3		
MET 214: Applied Mechanics of Materials Laboratory	1		
MET 345: Advanced Manufacturing Processes	3		
MET 340: Engineering Thermo-Fluids I	3		
ENG 301: Writing for the Professions (L) OR Literacy and Critical Inquiry (L)	3		
❗ Complete MATH course(s).			
❗ Complete SCIENCE course(s).			
❗ Complete MAT , STP course(s).			
❗ Complete MET 213 course(s).			
Term hours subtotal:	19		

Term 5 64 - 80 Credit Hours	Hours	Minimum Grade	Notes
MET 212: Applied Engineering Mechanics: Dynamics	3		
MET 300: Applied Material Science	3		
MET 309: Nondestructive Testing and Quality Assurance	1		
MET 331: Machine Design I	3		
MET 396: Professional Orientation	1		
MET 321: Introduction to Automotive Engineering	3		
Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	17		

Term 6 81 - 98 Credit Hours	Hours	Minimum Grade	Notes
MET 409: Applied Engineering Economics	3		
MET 432: Engineering Thermo-Fluids II	3		
MET 421: Vehicle Powertrains	3		
MET 423: Vehicle Chassis and Running Gear Design	3		
TWC 446: Technical and Scientific Reports (L)	3		
Social and Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	18		

Term 7 99 - 113 Credit Hours	Hours	Minimum Grade	Notes
MET 460: Capstone Project I	3		
MET 424: Vehicle Electrical Systems	3		
MET 426: Vehicle Thermal Design	3		
MET 434: Engineering Thermo-Fluids III	3		
Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 8 114 - 128 Credit Hours	Hours	Minimum Grade	Notes
MET 401: Quality Assurance	3		
MET 461: Capstone Project II	3		
MET 427: Vehicle System Integration and Testing	3		
Upper Division Technical Elective	3		

• **Technical Electives**

This program requires technical electives which are courses in the department that are not required for the major and concentration. Students can select from upper division courses in MET, AET, EST, ALT, EET, UET

• **Automotive**

- MET 321 (3) Introduction to Automotive Engineering, pre-requisite: MET 212, MET 213, MET 340 (Fall)
- MET 421 (3) Vehicle Powertrains, pre-requisite: MET 212, MET 213, MET 340 (Spring)
- MET 423 (3) Vehicle Chassis and Running Gear Design, pre-requisite: MET 212, MET 331 (Spring)
- MET 424 (3) Vehicle Electrical Systems, pre-requisite: EST 210, MET 321, MET 421 (Fall)
- MET 426 (3) Vehicle Thermal Design, pre-requisite: MET 421, pre or co-requisite: MET 434 (Fall)
- MET 427 (3) Vehicle System Integration and Testing, pre-requisite: MET 423, MET 424 (Spring)
- Designated Technical Elective: MET 434 (3) Engineering Thermo-Fluids III, pre-requisite: MET 432 (Fall)

Upper Division Technical Elective

AET Upper Division Elective

ALT Upper Division Elective

EET Upper Division Elective

EST Upper Division Elective

MET Upper Division Elective

UET Upper Division Elective

Total Hours: 128

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

















General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

2011 - 2012 Major Map Software Engineering, BS

College of Technology and Innovation

Campus: Polytechnic

TSSERBS

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EGR 101: Introduction to Engineering Design I	3	C	<ul style="list-style-type: none"> ASU 101 or College specific equivalent First Year Seminar required of all freshman students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in Mathematics course PHY 121/122 may be taken in term 1 if student has AP credit for MAT 265. EGR 104 may be taken in term 2 if PHY 121/122 taken in term 1. Must complete a MAT *** course.
 MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Humanities, Fine Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	13		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EGR 102: Introduction to Engineering Design II	3	C	<ul style="list-style-type: none"> Must Complete MAT 265: Calculus for Engineers I. For students who have completed MAT 265 with AP credit can take PHY 121/122 in term 1.
 MAT 266: Calculus for Engineers II (MA)	3	C	
 SER 232: Computer Systems Fundamentals: Structures	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SER 294: Software Fundamentals: Languages and Environments	3	C	<ul style="list-style-type: none"> Must complete MAT 266: Calculus for Engineers II. SER 294 may be taken in term 1
SER 294: Software Engineering	1		
 SER 294: Software Enterprise I	3	C	
EGR 280: Engineering Statistics (CS)	3		
SER 203: Mathematics of Computing OR MAT 243: Discrete Mathematical Structures	3		
Social and Behavioral Sciences (SB)	3		
 Complete First-Year Composition requirement.			
Term hours subtotal:	16		
Term 4 46 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EGR 104: Critical Inquiry in Engineering (L)	3	C	
 SER 294: Software Fundamentals: Algorithms	3	C	
 SER 216: Software Enterprise II	3	C	
 SER 234: Computer Systems Fundamentals II: Systems	3		

 MAT 267: Calculus for Engineers III (MA) OR MAT 275: Modern Differential Equations (MA)	3
Term hours subtotal:	15

Term 5 61 - 77 Credit Hours	Hours	Minimum Grade	Notes
SER 394: Software Enterprise III	2		
SER 394: Software Systems	3		
SER 394: Software Enterprise & Focus Project I	2		
HST 318: History of Engineering ((L or SB) & G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Secondary Focus Area	3		
Term hours subtotal:	17		

Term 6 78 - 90 Credit Hours	Hours	Minimum Grade	Notes
SER 394: Software Enterprise IV	2		
SER 394: Software Enterprise & Focus Project II	2		
SER 394: Primary Focus	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
Term hours subtotal:	13		

Term 7 91 - 107 Credit Hours	Hours	Minimum Grade	Notes
SER 415: Software Enterprise V*	2		<ul style="list-style-type: none"> *Upper Division Literacy Designation approval needed. 4 credits of Math or Science electives needed, may take in Term 7 or Term 8.
SER 494: Soft Enterprise & Focus Project III*	2		
SER 494: Primary Focus Area III	3		
MATH Elective OR SCIENCE Elective	4		
Upper Division Secondary Focus Area	3		
Upper Division Humanities, Fine Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	17		

Term 8 108 - 120 Credit Hours	Hours	Minimum Grade	Notes
SER 494: Software Enterprise IV	2		
SER 494: Software Enterprise & Focus Project IV	2		
SER 494: Primary Focus IV	3		
Upper Division Secondary Focus Area	3		
Upper Division Humanities, Fine Arts and Design (HU) OR Upper Division Social and Behavioral Sciences (SB)	3		
Term hours subtotal:	13		

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 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 U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2011 - 2012 academic year.

			Competed Transfer Pathway: <input type="checkbox"/> MAPP <input type="checkbox"/> TAG <input type="checkbox"/> ATP <input type="checkbox"/> None		Completed General Education: <input type="checkbox"/> AGECEC <input type="checkbox"/> IGETC/CSUGE <input type="checkbox"/> None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none">ASU 101 is for ASU freshman students only Not required of transfer studentsAn SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition coursesASU Math Placement Exam score determines placement in Mathematics courseComplete 1 critical course. Suggested course for term 1: GIT 110Maintain 2.0 ASU – GPA	
Complete 1 course from: <ul style="list-style-type: none">GIT 110: Technical GraphicsGIT 135: Graphic CommunicationsECN 211: Macroeconomic Principles (SB) or ECN 212: Macroeconomic Principles (SB)TMC 331: Quality AssuranceTMC 346: Management Dynamics						
	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						
Complete 2 additional courses from: <ul style="list-style-type: none">GIT 110: Technical GraphicsGIT 135: Graphic CommunicationsECN 211: Macroeconomic Principles (SB) or ECN 212: Macroeconomic Principles (SB)TMC 331: Quality AssuranceTMC 346: Management Dynamics	3	<input type="checkbox"/>			<ul style="list-style-type: none">Complete 2 additional critical course. Suggested course for term 2: ECN 211 or 212, GIT 135Maintain 2.0 ASU – GPA	
	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">First-year composition completedMaintain 2.0 ASU – GPA	
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						
Complete remaining 2 courses from: <ul style="list-style-type: none">GIT 110: Technical GraphicsGIT 135: Graphic CommunicationsECN 211: Macroeconomic Principles (SB) or ECN 212: Macroeconomic Principles (SB)TMC 331: Quality AssuranceTMC 346: Management Dynamics	3	<input type="checkbox"/>			<ul style="list-style-type: none">Complete remaining critical courses. Suggested course for term 4: TMC 331 and 346Maintain 2.0 ASU – GPA	
	3	<input type="checkbox"/>				
STP 420: Introductory Applied 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 bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SEVEN: 91-105 CREDIT HOURS					
TWC 400: Technical Communications (L)	3	<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"/>			
TERM EIGHT: 106-120 CREDIT HOURS					
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:

			Competed Transfer Pathway: <input type="checkbox"/> MAPP <input type="checkbox"/> TAG <input type="checkbox"/> ATP <input type="checkbox"/> None		Completed General Education: <input type="checkbox"/> AGECE <input type="checkbox"/> IGETC/CSUGE <input type="checkbox"/> None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0-15 CREDIT HOURS						
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none">• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses• ASU Math Placement Exam score determines placement in Mathematics course• ASU 101 or College specific equivalent First Year Seminar required of all freshman• Complete first course in first Year Composition (WAC 101 or ENG 101 or ENG 107 or ENG 105)	
UNI 150: Major and Career 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		
Natural Science – Quantitative or General (SQ/SG) Such as chemistry, physics, or biology (particular course depends on majors of interest)	4	<input type="checkbox"/>		Grade of C		
MAT XXX course	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design(HU) with Awareness Area (C or G or H) or Second Language	3-4	<input type="checkbox"/>				
TERM TWO: 16-30 CREDIT HOURS						
UNI 250: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">• Completed ENG 101/107/105 “C” or better• Completed Mathematical Studies (MA) with 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		
Natural Science – Quantitative or General (SQ/SG)	4	<input type="checkbox"/>		Grade of C		
Mathematical Studies (MA) or Natural Science – Quantitative or General (SQ/SG)	3-4	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) or Second Language	3-4	<input type="checkbox"/>				
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area (C or G or H) or second language	3	<input type="checkbox"/>				
TERM THREE: 31-45 CREDIT HOURS						
UNI 250: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">• Complete First-Year Composition requirement: ENG 101 and 102 OR ENG 107 and 108 or ENG105	
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		
Natural Science – Quantitative or General (SQ/SG)	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 (C or G or H)	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 Community 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 U.S. (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

A listing of all ASU majors that track into the Health & Life Sciences major track is available online: <http://uc.asu.edu/advising/majors/hls.html>

			Competed Transfer Pathway: <input type="checkbox"/> MAPP <input type="checkbox"/> TAG <input type="checkbox"/> ATP <input type="checkbox"/> None		Completed General Education: <input type="checkbox"/> AGECE <input type="checkbox"/> IGETC/CSUGE <input type="checkbox"/> None	
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">• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses• ASU Math Placement Exam score determines placement in Mathematics course• ASU 101 or College specific equivalent First Year Seminar required of all freshman students.• Complete first course in First-Year Composition (WAC 101 or ENG 101 or ENG 107 or ENG 105)	
UNI 150: 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		
Humanities/Fine Arts/Design (HU) (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) with Awareness Area (C or G or H) or Second Language (One that is appropriate for majors of interest)	3-4	<input type="checkbox"/>				
TERM TWO: 16-30 CREDIT HOURS						
UNI 250: Special Topics: Choosing a major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">• Completed ENG 101/107/105 “C” or better	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Humanities/Fine Arts/Design (HU) or Social/Behavioral Science (SB)	3	<input type="checkbox"/>		Grade of C		
Mathematical Studies (MA)	3	<input type="checkbox"/>				
Humanities/Fine Arts/Design (HU) or Social/Behavioral Science (SB) with Awareness Area (C or G or H) or Second Language	3-4	<input type="checkbox"/>				
Elective that introduces a new discipline	3	<input type="checkbox"/>				
TERM THREE: 31-45 CREDIT HOURS						
UNI 250: Special Topics: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">• Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105• Complete Mathematical Studies (MA)	
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"/>				
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU)	3	<input type="checkbox"/>				
Humanities/Fine Arts/Design (HU) or Social/Behavioral Science (SB) with Awareness Area (C or G or H) or Second Language (One that is appropriate for majors of interest)	3-4	<input type="checkbox"/>				
Computer Literacy/Statistics (CS)	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:

A listing of all ASU majors that track into the Humanities, Fine Arts & Design major track is available online: <http://uc.asu.edu/advising/majors/fahd.html>

			Completed Transfer Pathway: <input type="checkbox"/> MAPP <input type="checkbox"/> TAG <input type="checkbox"/> ATP <input type="checkbox"/> None		Completed General Education: <input type="checkbox"/> AGECE <input type="checkbox"/> IGETC/CSUGE <input type="checkbox"/> None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM ONE: 0-15 CREDIT HOURS					
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none">• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses• ASU Math Placement Exam score determines placement in Mathematics course• ASU 101 or College specific equivalent First Year Seminar required of all freshman students.• Complete first course in First-Year Composition (WAC 101 or ENG 101 or ENG 107 or ENG 105)
UNI 150: 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	
MAT 117: College Algebra (MA) OR MAT 170: Pre-calculus or Calculus I	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 (C or G or H) or Second Language	3-4	<input type="checkbox"/>			
TERM TWO: 16-30 CREDIT HOURS					
UNI 250: Special Topics: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">• Completed ENG 101/107/105 “C” or better
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
MAT 170: Pre-calculus or Calculus I or Calculus II or Science or Engineering	3-4	<input type="checkbox"/>		Grade of C	
Natural Science-Quantitative or General (SQ/SG)	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 (C or G or H) or Second Language	3-4	<input type="checkbox"/>			
TERM THREE: 31-45 CREDIT HOURS					
UNI 250: Special Topics: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">• Complete First-Year Composition requirement.• Complete MA requirement.
ENG 102: First-Year Composition OR ENG 108: English for Foreign Students OR Literacy and Critical Inquiry (L) OR Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) – course that is appropriate for majors of interest	3	<input type="checkbox"/>		Grade of C	
Calculus III or Science or Engineering	3-4	<input type="checkbox"/>		Grade of C	
Natural Science – Quantitative (SQ):	3-4	<input type="checkbox"/>		Grade of C	
Social/Behavioral Science (SB) or Humanities/Fine Arts/Design (HU) with Awareness Area (C or G or H)	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:

A listing of all ASU majors that track into the Math, Physical Sciences, Engineering & Technology major track is available online:
<http://uc.asu.edu/advising/majors/emp.html>

			Completed Transfer Pathway: <input type="checkbox"/> MAPP <input type="checkbox"/> TAG <input type="checkbox"/> ATP <input type="checkbox"/> None		Completed General Education: <input type="checkbox"/> AGECE <input type="checkbox"/> IGETC/CSUGE <input type="checkbox"/> None	
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">• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses• ASU Math Placement Exam score determines placement in Mathematics course• ASU 101 or College specific equivalent First Year Seminar required of all freshman students.• Complete first course in First-Year Composition (WAC 101 or ENG 101 or ENG 107 or ENG 105)	
UNI 150: 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		
Social/Behavioral Science (SB) (One that is appropriate for majors of interest)	3	<input type="checkbox"/>		Grade of C		
Natural Science (SQ/SG)	4	<input type="checkbox"/>				
Second Language or Social/Behavioral Science (SB) or Awareness Area (C or G or H)	3-4	<input type="checkbox"/>				
TERM TWO: 16-30 CREDIT HOURS						
UNI 250: Special Topics: Choose a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">• Completed ENG 101/107/105 “C” or better	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Social/Behavioral Science (SB) (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) or Awareness Area (C or G or H)	3-4	<input type="checkbox"/>				
Elective that introduces a new discipline	3	<input type="checkbox"/>				
TERM THREE: 31-45 CREDIT HOURS						
UNI 250: Special Topics: Choosing a Major	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none">• Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105• Complete Mathematical Studies (MA)	
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"/>				
Humanities/Fine Arts/Design (HU)	3	<input type="checkbox"/>				
Second Language or Social/Behavioral Science (SB) or Awareness Area (C or G or H)	3-4	<input type="checkbox"/>				
Computer Literacy/Statistics (CS)	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:

- A listing of all ASU majors that track into the Humanities, Fine Arts & Design major track is available online: <http://uc.asu.edu/advising/majors/sbs.html>