











2016 - 2017 Major Map

Biology (Forensics), BS

School/College: New College of Interdisciplinary Arts and Sciences
ASLSCFBS

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BS in forensic science.

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, IELTS, or TOEFL score determines placement into first-year composition courses.• ASU Mathematics Placement Test score determines placement in mathematics course.• ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students. NEW 101 satisfies this requirement.• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101.
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	15		
Term 2 15 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 29 - 43 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
STP 226: Elements of Statistics (CS)	3	C	
 Complete Mathematics (MA) requirement.			
 Complete First-Year Composition requirement.			
Term hours subtotal:	14		
Term 4 43 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C
COM 222: Argumentation (L) OR COM 225: Public Speaking (L)	3	C
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Humanities, Arts and Design (HU) AND Global Awareness (G) AND Historical Awareness (H)	3	
Term hours subtotal:	17	

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	• IAS 300 (3 credit hours) is required for all transfer students.
BIO 393: Careers in Natural and Health Sciences	1	Y	
ENG 301: Writing for the Professions (L) OR ENG 311: Persuasive Writing (L) OR IAS 300: Adult Career Development (L or SB)	3	C	
FOR 375: Analytical Chemistry for Life Sciences AND FOR 376: Analytical Chemistry for Life Sciences Lab	5	C	
FOR 406: Moral Dilemmas (L or HU)	3		
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	
BIO 305: Biology Behind the Crime Scene (SG)	4	C	
Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Elective	4-3		
Term hours subtotal:	15-14		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 371: Modern Concepts in Biochemistry	3	C	
★ BCH 372: Modern Concepts in Biochemistry Laboratory	1	C	
★ MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory	4	C	
FOR Upper Division Elective	4	C	
Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FOR 475: Principles of Toxicology	3	C	
★ PLB 300: Plant Diversity and Evolution (L or SG)	4	C	

BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C
FOR Upper Division Elective	3	C
Term hours subtotal:	14	

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

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

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

General Studies Awareness Requirements:

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

First-Year Composition

General Studies designations listed next to courses on the major map were valid for the 2016 - 2017 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.