

2022 - 2023 Major Map

Applied Science (Animal Biology), **BAS**

School/College: College of Integrative Sciences and Arts
LSANBIOBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> Students may meet lower division general studies requirements with the AAS degree. Students must complete all ASU general studies requirements in order to earn ASU BAS degree. Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 370: Ecology	3	C	
ABS 350: Applied Statistics (CS)	3	C	
ABS 372: Captive Animal Behavior Management	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Any needed lower division General Studies requirement OR Elective	3		<ul style="list-style-type: none"> Completion of BIO 181 and BIO 182 are required for enrollment in some upper division courses. Develop your professional online presence.
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 355: Ecology and Adaptations of Vertebrates	3	C	
ABS 302: Ethical and Policy Issues in Biology	3	C	
ABS 311: Molecular and Cellular Biology	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Any needed lower division General Studies requirement OR Elective	3		<ul style="list-style-type: none"> Use Handshake to research employment opportunities.
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 340: General Genetics	4	C	
ABS 417: Comparative Immunology	3	C	
Upper Division Animal Biology Electives	3	C	
Upper Division Elective	3		<ul style="list-style-type: none"> Gather professional references. Apply for career opportunities.
Any needed lower division General Studies requirement OR Elective	2		

Term hours subtotal: 15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 378: Animal Nutrition	3	C	
ABS 312: Structure and Function	3	C	
ABS 484: Internship OR Elective	3		
Upper Division Animal Biology Electives	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:		15	

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

Upper Division Animal Biology Electives

ABS 318: Unseen Life on Earth

ABS 470: Life History of Mammals

ABS 472: Applied Herpetology

ABS 473: Applied Ornithology

ABS 494: Organismal Adaptation to a Changing Climate

BIO 351: Developmental Biology

BIO 360: Animal Physiology

Notes:

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

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

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

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 2022 - 2023 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.