

2024 - 2025 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 350: Applied Statistics (QTRS OR CS)	3	C	
ABS 302: Ethical and Policy Issues in Biology	3	C	
ABS 417: Comparative Immunology	3	C	
Complete 2 courses:			
Any needed lower division General Studies requirement OR	6		
Elective			
Term hours subtotal:	15		<ul style="list-style-type: none"> Students must have completed BIO 181, BIO 182, and either CHM 101 or CHM 113, in order to meet upper division course prerequisites. Develop your professional online presence.
Term 6 75 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 378: Animal Nutrition	3	C	
Complete 2 courses:			
Upper Division Elective	5		
Complete 2 courses:			
Any needed lower division General Studies requirement OR	6		
Elective			
Term hours subtotal:	14		<ul style="list-style-type: none"> BIO 182 should be completed by the end of Term 6 to meet upper division course prerequisite requirements. Use Handshake to research employment opportunities.
Term 7 89 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 355: Ecology and Adaptations of Vertebrates	3	C	
★ ABS 370: Ecology	3	C	
ABS 372: Captive Animal Behavior Management	3	C	
Upper Division Animal Biology Electives	3	C	
Any needed lower division General Studies requirement OR	3		
Elective			
Term hours subtotal:	15		<ul style="list-style-type: none"> Gather professional references. Apply for career opportunities.
Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes

★ BIO 340: General Genetics	4	C
ABS 312: Structure and Function	3	C
ABS 484: Internship OR Upper Division Elective	3	
Complete 2 courses:		
Upper Division Animal Biology Electives	6	C
Term hours subtotal:	16	

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

Upper Division Animal Biology Electives

ABS 318: Unseen Life on Earth

ABS 371: Small Animal Veterinary Topics

ABS 375: Equine Science

ABS 376: Wildlife Ecology

ABS 377: International Wildlife
Conservation

ABS 379: Animal Anatomy

ABS 470: Life History of Mammals

ABS 472: Applied Herpetology

ABS 473: Applied Ornithology

ABS 494: Emerging Infections & Epidemics

ABS 494: Organismal Adaptation to a
Changing Climate

BIO 351: Developmental Biology

BIO 360: Animal Physiology

- **Total Hours:** 120
- **Upper Division Hours:** 45 minimum
- **University Undergraduate Graduation Requirements**

Notes:

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses on the major map were valid for the 2024 - 2025 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.