

Animal Biology Emphasis (Accelerated)

BIOLOGY Major

Code	Title	Credits
Supporting Courses		25-29
BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes	
BIOLOGY 203 & BIOLOGY 204	Principles of Biology: Organisms, Ecology, and Evolution and Principles of Biology Lab: Organisms, Ecology, and Evolution	
CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory	
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory	
MATH 260	Introductory Statistics	
Mathematics (choose one course):		
COMP SCI 256	Introduction to Software Design	
MATH 104	Precalculus	
MATH 202	Calculus and Analytic Geometry I	
Writing (choose one course): ¹		
ENG COMP 105	English Composition II: Composition and Rhetoric	
INFO SCI 390	Technical Writing	
Upper Level Courses		30-33
Required courses		
BIOLOGY 303	Genetics	
BIOLOGY 309	Evolutionary Biology	
ENV SCI 302	Principles of Ecology	
BIOLOGY 307 & BIOLOGY 308	Cell Biology and Cell Biology Laboratory	
or BIOLOGY 302	Principles of Microbiology	
or BIOLOGY 322	Environmental Microbiology	
BIOLOGY 311/511 or BIOLOGY 346	Plant Physiology [#] Comparative Physiology	
Choose 12-14 credits from the following courses:		
BIOLOGY 304	Genetics Laboratory	
BIOLOGY 310/510	Plant Biodiversity [#]	
BIOLOGY 320/520	Field Botany [#]	
BIOLOGY 322/522	Environmental Microbiology [#]	
BIOLOGY 340	Comparative Anatomy of Vertebrates	
BIOLOGY 341/541	Ichthyology [#]	
BIOLOGY 342/542	Ornithology [#]	
BIOLOGY 343/543	Mammalogy [#]	
BIOLOGY 345	Animal Behavior	
BIOLOGY 346	Comparative Physiology	
BIOLOGY 355/555	Entomology [#]	
BIOLOGY 357/557	Marine Biology [#]	
BIOLOGY 401/601	Fish and Wildlife Population Dynamics [#]	
BIOLOGY 410	Developmental Biology	
BIOLOGY 411	Developmental Biology Laboratory	
ENV SCI 337/537	Environmental GIS [#]	
ENV SCI 401/601	Stream Ecology [#]	
ENV SCI 403/603	Limnology [#]	

HUM BIOL 402/602	Human Physiology [#]
HUM BIOL 403	Human Physiology Laboratory
HUM BIOL 413	Neurobiology
HUM BIOL 422	Immunology
HUM BIOL 423	Immunology Lab
HUM BIOL 444	Endocrinology
Seminar, 1 credit required	
BIOLOGY 490	Biology Seminar

Total Credits

55-62

- [#] Students must be granted permission through the department to enroll in graduate level coursework. For more information, contact the graduate Environmental Science & Policy office or refer to the graduate catalog (<http://catalog.uwgb.edu/graduate/general-information/academic-rules-regulations/undergrad-in-accelerated>).