

Pre-Veterinary Emphasis

BIOLOGY Major

Code	Title	Credits
Supporting Courses		24-27
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):		
MATH 104	Precalculus	
MATH 202	Calculus and Analytic Geometry I	
Writing (choose one course):¹		
ENG COMP 105	English Composition II: Composition and Rhetoric	
Upper Level Courses		47
BIOLOGY 303	Genetics	
BIOLOGY 307 & BIOLOGY 308 or BIOLOGY 302	Cell Biology and Cell Biology Laboratory Principles of Microbiology	
BIOLOGY 309	Evolutionary Biology	
ENV SCI 302	Principles of Ecology	
BIOLOGY 346	Comparative Physiology	
CHEM 302 & CHEM 304	Organic Chemistry I and Organic Chemistry Laboratory I	
CHEM 303 & CHEM 305	Organic Chemistry II and Organic Chemistry Laboratory II	
CHEM 330	Biochemistry	
Choose one of the following options:		
PHYSICS 103 & PHYSICS 104	Fundamentals of Physics I and Fundamentals of Physics II	
PHYSICS 201 & PHYSICS 202	Principles of Physics I and Principles of Physics II	
Choose a minimum of 8 credits from the following courses:		
BIOLOGY 304	Genetics Laboratory	
BIOLOGY 340	Comparative Anatomy of Vertebrates	
BIOLOGY 342	Ornithology	
BIOLOGY 343	Mammalogy	
BIOLOGY 345	Animal Behavior	
BIOLOGY 411	Developmental Biology Laboratory	
HUM BIOL 422	Immunology	
HUM BIOL 423	Immunology Lab	
Seminar, 1 credit required		
BIOLOGY 490	Biology Seminar	

Total Credits

71-74

¹ Satisfied with an ACT English score of 32 or higher