

BIOLOGY MAJOR

One semester of calculus and a year of physics are recommended for students interested in graduate or professional school.

Requirements

35 total Biology credits plus 9 chemistry credits

Code	Title	Hours
Required Biology Courses		
BIOL 130	Principles of Biology I	4.00
BIOL 132	Principles of Biology II	4.00
BIOL 330	Genetics	4.00
BIOL 340	Ecology and Evolutionary Biology	4.00
BIOL 440	Cell Biology	4.00
BIOL 497	Senior Year Experience	1.00
Required Capstone Course		
Select a minimum of one credit of the following:		1.00
BIOL 491	Senior Research	
BIOL 496	Internship	
Elective Biology Courses		
Select 13 credits of the following. One 400 level course (indicated by*) required. These courses are specifically designed to provide a Course-based Undergraduate Research Experiences (CURE) to students.		13.00
BIOL 270	Human Anatomy & Physiology I	
BIOL 280	Human Anatomy & Physiology II	
BIOL 281	Special Topics	
BIOL 312	Biogeography and Conservation	
BIOL 316	Medical Terminology	
BIOL 325	Plant Taxonomy	
BIOL 350	Limnology	
BIOL 355	Microbiology	
BIOL 380	Vertebrate Biology	
BIOL 364	Invertebrate Biology	
BIOL 382	Ichthyology	
BIOL 399	Cancer Biology	
BIOL 405	Neurobiology	
BIOL 411	Neurobiology Lab *	
BIOL 412	Developmental Biology *	
BIOL 414	Molecular Pharmacology	
BIOL 415	Ecology and Management of Forest Ecosystems *	
BIOL 420	Field Biology *	
BIOL 465	Laboratory Techniques in Biochemistry and Cell/Molecular Biology	
BIOL 481	Special Topics	
ENSC 350	Environmental Science Research Methods	
Required Chemistry Courses		
CHEM 105	General Chemistry I	5.00
CHEM 106	General Chemistry II	4.00
Total Hours		44.00

Note: BIOL 289 Biology Elective, BIOL 389 Biology Elective, BIOL 489 Biology Elective must be approved on a case by case basis.