

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS BIOLOGY**
 Option: **ENVIRONMENTAL BIOLOGY**
 Major Field Requirements: **49.0 credits**
 Other Requirements: **32.0 - 35.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

Course No.	Short Title	C.H.	Grade	Q.P.	Course No.	Short Title	C.H.	Grade	Q.P.
REQUIRED BIOLOGY COURSES (24.0 credits)					REQUIRED RELATED (32.0 - 35.0 credits)				
BIOL 101	Foundations of BIOL	4.0	_____	_____	Chemistry (16.0 credits)				
BIOL 211	Concepts of Zoology	4.0	_____	_____	CHEM 111	Intro to Chem I	4.0	_____	_____
BIOL 221	Concepts of Botany	4.0	_____	_____	CHEM 112	Intro to Chem II	4.0	_____	_____
BIOL 343	Ecology & Evolution	4.0	_____	_____	CHEM 235	Organic Chem	4.0	_____	_____
BIOL 362	Cell & Development	4.0	_____	_____	CHEM 375	Environ & Lab	4.0	_____	_____
BIOL 364	Genetics & Mole BIOL	4.0	_____	_____	NOTE: Those wishing to complete a Chemistry minor must complete CHEM 265 (Quantitative Analysis) in addition to those Chemistry courses listed above.				
REQUIRED ENV BIOL COURSES (7 credits)					NOTE: Some graduate programs may require two semesters of Organic and one or two semesters of Biochemistry				
BIOL 242	Ecology Lab	2.0	_____	_____	Earth Sciences (4.0 credits)				
BIOL 375	Biometry	3.0	_____	_____	ESCI 221	Physical Geology	4.0	_____	_____
BIOL 448	BIOL Probs of Env Mgmt	2.0	_____	_____	Mathematics (4.0 - 5.0 credits)				
DIRECTED ELECTIVES (6 credits)					MATH 161				
In consultation with your advisor, select two of the following courses:					Calculus I				
BIOL 345	Applied Ecology	3.0	_____	_____	----- or -----				
BIOL 443	Conservation BIOL	3.0	_____	_____	MATH 163	Honors Calculus	5.0	_____	_____
BIOL 446	Ecosystems	3.0	_____	_____	NOTE: Some graduate programs may require one or two more semester(s) of Calculus.				
BIOL ELECTIVES (12 credits)					Physics (8.0 - 10.0 credits)				
(300-level or higher and approved for major)					PHYS 131				
BIOL _____	_____	_____	_____	_____	Physics I with Algebra				
BIOL _____	_____	_____	_____	_____	4.0 _____				
BIOL _____	_____	_____	_____	_____	PHYS 132				
BIOL _____	_____	_____	_____	_____	Physics II with Algebra				
					4.0 _____				
					----- or -----				
					PHYS 231	Phys I with Calculus	5.0	_____	_____
					PHYS 232	Phys II with Calculus	5.0	_____	_____