

ENVIRONMENTAL BIOLOGY (BS DEGREE TRACK)

(72 credits)

Code	Title	Credits
Core Requirements (23 Credits)		
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab ¹	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab ¹	4
BIO320 & BIO321	Genetics and Genetics Lab ²	4
BIO322	Evolution ²	3
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab ³	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab ³	4
Participation in Lecture Series (6 hours)		0
Required Concentration Courses (8 Credits)		
BIO340	Ecology	4
BIO348	Biological Statistics	4
Concentration Electives (17 Credits)		
Select 17 credits of the following:		17
Environmental Biology (at least 7 credits):		
BIO301	Field Biology Fall	
BIO425	Plant Ecophysiology	
BIO440	Freshwater Biology	
BIO445	Ornithology	
GEO321	Geography of Soils	
GEO341	Introduction to Geographic Information Systems	
Capstone:		
Select at least 6 credits, including at least 3 credits in 400-level Environmental Biology courses		
BIO4xx	400-level Biology courses	
Cognate Requirements (24 Credits)		
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
MAT251	Calculus I	4
MAT252	Calculus II	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
Total Credits		72

³ A minimum grade of C- is required to advance from CHE201 General Chemistry I to CHE202 General Chemistry II and from CHE202 General Chemistry II to CHE318 Organic Chemistry I .

Additional considerations for admission to graduate programs in biology

It is important that students interested in graduate study be able to demonstrate undergraduate research experience. You should begin to explore research options during your sophomore year.

Additional considerations for admission to medical, dental and veterinary schools

The requirements for these professional schools are constantly evolving and vary from institution to institution. Please contact the Pre-Health Advisor.

¹ BIO201 General Biology I /BIO211 Gen Bio 1 Lab and BIO202 General Biology II /BIO212 Gen Bio 2 Lab must be taken in sequence. A minimum grade of C- is required in BIO201 General Biology I and BIO202 General Biology II .

² A minimum grade of C- in BIO320 Genetics is required to advance to most upper-division biology courses (300 and above).