

**Notes**

- Students are required to complete 66-70 credit hours for the major with the Biology track.
- Environmental science is a joint major offered by the Departments of Biology & Chemistry.
- BIOL 245, BIOL 322, and PHIL 139 are offered every other year. Take care to plan sequence.
- See "Simmons PLAN & Graduation Requirements" worksheet for all-college requirements.

**Major Core for Biology Track**

Majors will complete a core of the following courses.

Course #	Course Title	Credits	Completed
<b>First Year</b>			
BIOL 113/ 115	General Biology or Advanced General Biology	4	
BIOL 104	Introduction to Environmental Science	4	
CHEM 109 OR CHEM 111 AND 112	General, Organic & Biochemistry for Public Health OR Introductory Chemistry AND Organic Chemistry	4-8	
<b>Sophomore Year</b>			
MATH 118	Introductory to Statistics	4	
BIOL 218	Principles of Zoology	4	
ECON 100	Principles of Microeconomics	4	
<b>Junior Year</b>			
BIOL 245	Principles of Ecology	4	
ENVI 201	Environment Forum (COF course)	2	
<b>Senior Year</b>			
BIOL 322	Evolution	4	
PHIL 139	Environmental Ethics	4	

**Science Electives**

Choose TWO courses from the Sciences (at least one at the 300-level).

Courses Selected	Credits	Completed
	4	
	4	

- BIOL 221 Microbiology
- BIOL 222 Animal Physiology
- BIOL 333 Marine Biology
- BIOL 336 Genetics
- BIOL 107 Plants and Society
- BIOL 340 Plant Biology
- BIOL 345 Tropical Marine Biology (Field Study Travel)
- BIOL 347 Human Development and Genetics
- CHEM 216 Quantitative Analysis
- CHEM 227 Energy and Global Warming
- CHEM 342 Mechanistic Toxicology
- HON 308 Sustainability and Global Warming
- SURV 150 Overview of Surveying Technology (Wentworth) GIS skills
- MATH 120 Calculus I
- MATH 227 Biostatistical Design and Analysis
- NUTR 150 International Nutrition Issues
- PHYS 110 Introduction to Physics I
- PHYS 111 Introduction to Physics II

**Arts and Humanities Electives**

Choose THREE electives from the Arts and Humanities.

Courses Selected	Credits	Completed
	4	
	4	
	4	

ART 245	American Art
ECON 145	Economics of Sustainability and Resource Use
ECON 239	Government Regulation of Industry
ECON 247	Environmental Economics
HIST 205	Global Environmental History
MGMT 224	Socially-Minded Leadership
POLS 101	Introduction to American Politics
POLS 102	Introduction to International Politics
POLS 217	American Public Policy
POLS 220	International Organization and Law
SOCI 241	Health, Illness and Society
SOCI 267	Globalization
SOCI 321	Sociology of Food

**Capstone**

Complete 8 credit hours to fulfill the Capstone Requirement in Biology or Chemistry (typically BIOL 350, BIOL 355, BIOL 370, or CHEM 350).

Courses Selected	Credits	Completed