

Curriculum Guide: Biology Major with Emphasis in Ecology & Conservation Biology

An example: Four year plan for **Biology Major with Emphasis in Ecology and Conservation Biology**

120 credits necessary to graduate. Assumes an 18-credit minor.

Plan is a representation and categories of classes can be switched. Check with your advisor.

Course	Title	Credits
Freshman		
Fall		
BIOLOGY 201	Principles of Biology: Cellular and Molecular Processes	3
BIOLOGY 202	Principles of Biology Lab: Cellular and Molecular Processes	1
CHEM 211	Principles of Chemistry I	4
CHEM 213	Principles of Chemistry I Laboratory	1
First Year Seminar		3
General Ed		3
	Credits	15
Spring		
BIOLOGY 203	Principles of Biology: Organisms, Ecology, and Evolution	3
BIOLOGY 204	Principles of Biology Lab: Organisms, Ecology, and Evolution	1
CHEM 212	Principles of Chemistry II	4
CHEM 214	Principles of Chemistry II Laboratory	1
MATH 260	Introductory Statistics	4
General Ed		3
	Credits	16
Sophomore		
Fall		
BIOLOGY 307 & BIOLOGY 308 or 302	Cell Biology or	4
ENG COMP 105	English Composition II: Composition and Rhetoric	3
MATH 202	Calculus and Analytic Geometry I	4
General Ed/Core Minor		3
General Ed		3
	Credits	17
Spring		
BIOLOGY 303	Genetics	3
ENV SCI 302	Principles of Ecology	4
General Ed		3
General Ed		3
Core Minor		3
	Credits	16
Junior		
Fall		
BIOLOGY 302	Principles of Microbiology	4
BIOLOGY 309	Evolutionary Biology	3
ENV SCI 469	Conservation Biology	4
General Ed		3

Elective / Minor		3
	Credits	17
Spring		
General Ed		3
Biology Elective		3-4
Biology/Minor Elective		3-4
Elective		3
Elective		3
	Credits	15-17
Senior		
Fall		
BIOLOGY 490	Biology Seminar (fall or spring)	1
BIOLOGY 498 or BIOLOGY 497	Independent Study or Internship	2-3
General Ed		3
Biology Elective		3
Elective for Minor		3
Elective		3
	Credits	15-16
Spring		
BIOLOGY 490	Biology Seminar (fall or spring)	1
Biology Elective		3-4
Elective for Minor		3-4
Elective		3-4
Elective		3-4
	Credits	13-17
	Total Credits	124-131

All Biology Majors are encouraged to participate in an internship or independent study.