



ENVIRONMENTAL BIOSCIENCES EMPHASIS

2011-12 catalog

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This emphasis includes Ecology, Environmental protection, Environmental Health and Technology.

- In Core Biology courses, students must earn a grade of a C or better.
- Course requirements on the reverse side of this page.
- For graduation, students must have a 2.0 GPA or better in all required major courses.

Environmental Biosciences Degree Requirements

Biology Courses	Course Name	Credits	Semester
BIOL171	Career Planning I*	1	
BIOL 181/181L	College Biology I-Organismal/Lab	4	
BIOL182/182L	College Biology II-Cellular/Lab	4	
BIOL 201/L or 202/L	Botany or Zoology/Lab	4	
BIOL 301/301L	General Microbiology/Lab	5	
BIOL 413/413L OR BIOL414/414L OR BIOL 412/412L	Plant Physiology/ Lab (SO) Vertebrate Physiology/Lab (F) Cellular Biology/Lab (S)	4	
BIOL 350	Mendelian and Population Genetics	2	
BIOL 351	Molecular Biology and Genetics	2	
BIOL 352	Evolutionary Biology & Ecology	3	
BIOL 493	Senior Seminar (upon completion of core)	1	
BIOL 462/462L	Environmental Management	3	
BIOL 453/453L	Ecology/Field studies	4	
Biology Electives	Advisor Approved. See Electives List	8	
	Total Credits	45	

Chemistry Courses			
CHEM 121/121L	General Chemistry I/Lab	5	
CHEM 122/122L	General Chemistry II/Lab	5	
CHEM 301/301L	Organic Chemistry I/Lab	5	
CHEM 302/302L	Organic Chemistry II/Lab	5	
PHYS 201/201L	Principles of Physics I/Lab	4	
PHYS 202/202L	Principles of Physics II/Lab	4	
MATH 221	Applied Calculus	4	
MATH 156	Intro to Statistics	3	
Total		35	
General Ed Courses			
English 101 & 102		6	
Humanities		6	
Speech		3	
Social Science		6	
History		3	
Total		24	
General Electives		16	

*Biology 171 should be completed the fall semester of your freshman year.

Revised 7/8/11 hc