

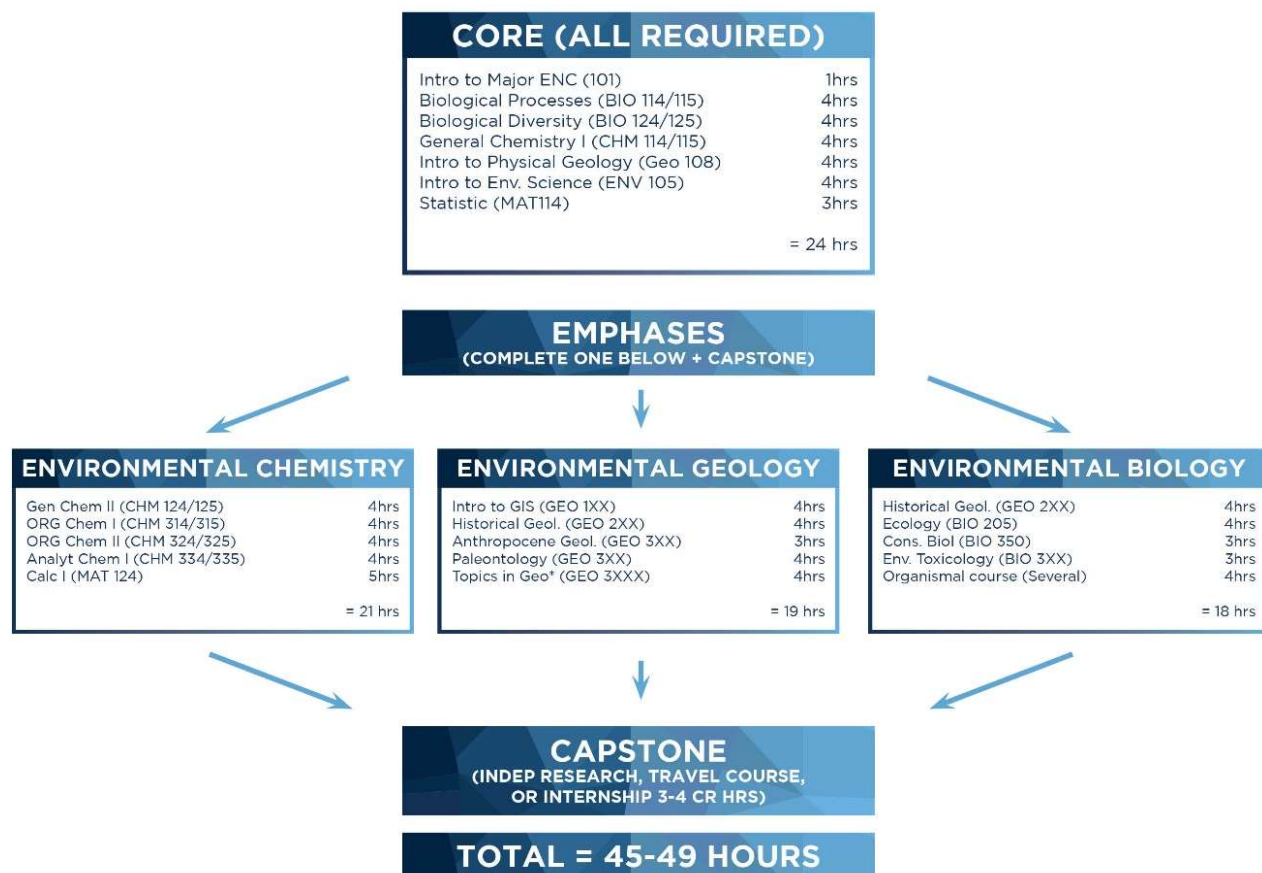


ENVIRONMENTAL SCIENCE MAJOR

Associate Professors: B. Hansert, D. Holliday, G. McNett, D. Schmidt

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The Environmental Science major serves students interested in helping to conserve, protect, and manage natural resources. Students complete 24 hours of core coursework, then specialize in one of three emphases (Chemistry, Geology, Biology), and complete the major with an independent research project, travel course, or internship.



At least 8-12 Core hours must be completed before taking courses in a particular Emphasis. Be aware that Emphasis courses may have their own prerequisites. Chemistry courses are sequential, most of the BIO courses require BIO 114/115 and BIO 124/125, and Historical Geology (GEO 203) and Topics in Geology (GEO 3XX) require GEO 108.

Students pursuing the Environmental Chemistry emphasis cannot also major in Biochemistry or major or minor Chemistry. Those pursuing Environmental Biology cannot also major or minor in

Biology. Students must earn a letter grade of C- or better in all courses needed to satisfy the major.

Students interested in Graduate School in a related area should also consider Calc II and Physics I and II. Students interested in Environmental Law should consider a Pre-Law minor (18 credits). Finally, to extend the breadth of study in the major, students should also consider additional relevant electives, such as ENV/ENC 377 (Environmental and Resource Economics), ENV 300/ENG 315 (Environmental Literature), PHL 246 (Environmental Ethics), POL 326 (Environmental Politics and Policy), REL 324 (Religion and the Environment).

You can find the course descriptions for all courses required for this major by clicking on the following links:

- [Biology Course Descriptions](#)
- [Chemistry Course Descriptions](#)
- [Environmental Science Course Descriptions](#)
- [Geology Course Descriptions](#)
- [Math Course Descriptions](#)

Major: ENVIRONMENTAL SCIENCE

Student's Last Name

First Name

Middle Initial

Advisor

Date Major Declared

Course #	Title of Course	Hours Required	Semester Completed	Grade
Core Courses (10 hrs):				
ENV 101	Intro to Environmental Studies	1		
BIO 114/115	Biological Processes	4		
BIO 124/125	Biological Diversity	4		
CHM 114/115	General Chemistry I	4		
GEO 108	Intro to Physical Geology	4		
ENV 105	Intro to Environmental Science	4		
MAT 114	Statistics	3		
	Capstone (Independent Research, Travel Course, or Internship)	3-4		
Total Core Hours		27-28 hrs		
IN ADDITION TO THE CORE COURSES YOU MUST COMPLETE ONE OF THE FOLLOWING EMPHASES:				
<i>Environmental Chemistry Emphases</i>				
CHM 124/125	General Chemistry II	4		
CHM 314/315	Organic Chemistry I	4		
CHM 324/325	Organic Chemistry II	4		
CHM 334/335	Analytical Chemistry I	4		
MAT 124	Calculus	5		
Total Emphases Hours		21 hrs		
<i>Environmental Geology Emphases</i>				
GEO 100	Intro to GIS	4		
GEO 203	Historical Geology	4		
GEO 315	Anthropocene Geology	3		
GEO 335	Paleontology	4		
GEO 300	Topics in Geology	4		
Total Emphases Hours		19 hrs		
<i>Environmental Biology Emphases</i>				
GEO 203	Historical Geology	4		
BIO 205	Ecology	4		
BIO 350	Conservation Biology	3		
BIO 310	Environmental Toxicology	3		
	Organismal Course (several)	4		
Total Emphases Hours		18 hrs		
TOTAL HOURS FOR MAJOR		45-49 hrs		