

MAJOR IN ENVIRONMENTAL SCIENCE

(71-74 credits)

Note: Students must earn a grade of C- or better in all courses required for the Environmental Science major. See the Geology Department's *Advising Guidelines* for additional information.

Code	Title	Credits
Geology Courses (15 Credits)		
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	4
GLG303	Geomorphology	4
GLG339	Natural Resources and Energy	3
GLG407	Hydrogeology	4
Chemistry Courses (20 Credits)		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE303	Introduction to Analytical Chemistry	4
CHE407	Instrumental Techniques	4
Environmental Science Courses (15 Credits)		
EGS370	Introduction to Environmental Science & Engineering	4
EGS475	Environmental Sciences Research Project 1	3
EGS477	Senior Seminar in Environmental Science	1
GLG311 or BIO340	Mineralogy and Crystallography Ecology	4
GLG346 or GEO432	Environmental Impact Assessment Climate Change and Society	3
Cognate Courses (15-16 Credits)		
GEO341	Introduction to Geographic Information Systems	4
MAT251	Calculus I	4
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
MAT241 or MAT252	Introduction to Statistics Calculus II	3-4
Electives (6-8 Credits)		
Select a minimum of two (2) courses from the following:		6-8
BCM461 & BCM463	Biochemistry 1 and Biochemistry Lab	
BIO293	Biology Selected Topic	
BIO301	Field Biology Fall	
BIO450	Conservation Biology	
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	
CHE321	Physical Chemistry I	
EGG250	Energy and the Environment	
EGS476	Environmental Science Research Project 2	
GEO343	Remote Sensing	

GLG331	Stratigraphy-Sedimentation
GLG405	Structure and Tectonics
GLG509	Water Resources Management
Selected topic courses by advisement	
Total Credits	71-74