

Bachelor of Science in Geography: Track in Environmental Studies

LIBERAL STUDIES REQUIREMENTS (48-49 credits) See Liberal Studies Guide for Goal and Enrichment choices				
✓	Course	Title	Cr	Gr
Basic Requirements (12 credits)				
	ENGL 101	College Writing I	3	
	ENGL 103	College Writing II*	3	
	ENGL 210	Interpreting Literature	3	
	COMM 200	Public Speaking	3	
The Arts (3 credits)				
			3	
Global Community (9 credits)				
		US Course	3	
		Non-US Course ¹	3	
		Non-US Course	3	
Human Institutions & Interpersonal Relationships (3 credits)				
			3	
Science, Technology and Mathematics (9-10 credits)				
	Science ²		3	
	Science		3	
	Lab		0-1	
	MATH	Math 113 or higher	3	
Challenges of the Modern Age (3 credits)				
			3	
Enrichment—Select 1 course from 3 of the following (9 credits)				
	The Arts		3	
	Global Community		3	
	Human Institutions & Interpersonal Relationships: Microeconomics*		3	
	Science, Technology and Mathematics		3	

ELECTIVES (16-17 credits) (Major Electives, Other Liberal Studies Electives, Free Electives)				

* Indicates this course may have a prerequisite.

* This course is a prerequisite for Environmental Economics, which is in the social science core of the Environmental Studies major.

Note: For students entering in Fall 2003 or later, all degrees require a minimum of 48 credit hours of upper division courses (39 credits at the 300 level or higher; 9 credit hours can come from 100- or 200-level courses that require a 3-credit prerequisite).

Note: Students entering Fall 2003 or later must complete at least half of the major (20 credits minimum) in upper division courses.

The Environmental Studies major has a 100-service learning hours requirement.

¹ Each non-US course must be from a different department.

² Each of the first two goal courses must be from a different department. Students must also complete a laboratory requirement. The laboratory experience can be taken as a goal or Enrichment courses in Biology, Chemistry, Physics, or Environmental Geosciences.

MAJOR REQUIREMENTS (55 credits)				
✓	Course	Title	Cr	Gr
Basic Core (15 credits)				
	G&ES 135	Environmental Problems	3	
	G&ES 150	The Natural Environment	3	
	G&ES 235	Conservation*	3	
	G&ES/POL 324	Environmental Law & Policy	3	
	G&ES 489	Field Studies*	3	
Techniques Core (10 credits)				
	G&ES 115	Map Reading and Interpretation	1	
	G&ES 220	General Methods of Field Work*	3	
	G&ES 315	Cartography I*	3	
	G&ES 325	Intro to Geographic Information Systems*	3	
Environmental Studies Track—see below (30 credits)				

ENVIRONMENTAL STUDIES TRACK REQUIREMENTS (30 credits)				
✓	Course	Title	Cr	Gr
Social Science Core PHIL 324 + (Econ 315 or G&ES 331) (6 credits)				
	PHIL 324	Environmental Ethics	3	
select one	ECON 315	Environmental Economics*	3	
	G&ES 331	Economic Geography		
Natural Science Core – Pick three (9 credits)				
	BIOL 105	Environmental Biology	3	
	CHEM 107	General Chemistry I*	3	
	EGEO 100	Environmental Geology	3	
	PHYS 204	Environmental Biophysics	3	
Research Skills – Pick one (3 credits)				
	MATH 152	Elementary Statistics*	3	
	PSYC 221	Research Meth. & Statistical App. I*	3	
	SASW 317	Statistical Methods*	3	
	BIOL 325	Biometry	3	
Environmental Studies Electives – Pick four (12 credits)				
	HSAF 218	Haz. Analysis & Legis. Compliance	3	
	HSAF 310	Environmental Health*	3	
	HSAF 318	Principles of Industrial Hygiene*	3	
	HSAF 348	Haz. Materials & Waste Mgmt*	3	
	BIOL 120	Practical Botany	3	
	BIOL 207	Land Plants	3	
	BIOL 208	Intro to Wildlife Management	3	
	BIOL 305	Aquatic Plants	3	
	BIOL 306	Freshwater Biomonitoring*	3	
	CHEM 270	Industrial Chemistry*	3	
	CHEM 340	Air Quality Assessment*	3	
	CHEM 370	Water Quality Assessment*	3	
	ECON 315	Environmental Economics*	3	
	EGEO 121	Meteorology	3	
	EGEO 131	Oceanography	3	
	EGEO 201	Earth Materials*	3	
	EGEO 340	Air Pollution Meteorology*	3	
	EGEO 451	Geochemistry*	3	
	ENGL 205	Technical and Scientific Writing*	3	
	ENGL 410	Environmental Literature	3	
	G&ES 215	Rural and Urban Planning	3	
	G&ES 244	Environmental Justice	3	
	G&ES 245	Population and Resources	3	
	G&ES 255	General Climatology*	3	
	G&ES 331	Economic Geography	3	
	HIST 445	Environmental Thought- U.S.	3	
	POLS 200	State and Local Government	3	
	PREE 213	Environmental Resource Analysis*	3	
	PREE 412	Open Space Planning	3	
	PSYC 189	Environmental Psychology	3	