

Environmental Science

Bachelor of Science with a Major in Environmental Science

General Education Requirements. 27

Environmental Science majors are required to take the following specific courses which may also be used to help satisfy the General Education requirements. Core Science courses also contribute to General Education requirements.

COMM 110	Fundamentals of Public Speaking	
ENGL 110	College Composition I	
ENGL 120	College Composition II	
SOC 110	Introduction to Sociology	
GEOG 289	Introduction to GIS	
MATH 103 or MATH 107	College Algebra Precalculus	

Core Requirements 29

BIOL 127	Environmental Biology	4
BIOL 240 or DATA 211	Biometry Applied Statistics and Data Visualization	4
BIOL 361	Environmental Health and Microbiology	4
CHEM 127	Chemistry of the Environment	4
GEOL 101	Environmental Geology with Lab	4
GEOL 123	Global Climate Change: Science and Society	4
SCI 240	Research Methods	2
SCI 480	Seminar	3

Conservation Track - 120 credits total 64

BIOL 151	General Biology II	4
BIOL 154	Introduction to Botany	4
BIOL 343	Natural Resource Policy	3
BIOL 347	General Ecology	4
BIOL 350	Freshwater Biology	4
BIOL 439	Conservation Biology	3
Electives from Elective Pool or other tracks		19
Electives of choice		19

Earth Systems Science Track - 120 credits total 64

GEOL 260	Energy Resources	3
GEOL 270	Introduction to UAS-Remote Sensing	4
GEOL 300	Geologic Field Methods	3
GEOL 321	Hydrogeology	3
GEOL 322	Geomorphology	4
GEOL 331	Soils	4
Upper level GEOL electives		4
Electives from Elective Pool or other tracks		20
Electives of choice		19

Environmental Health Track - 120 credits total 64

BIOL 150	General Biology I	4
BIOL 215	Genetics	4
CHEM 121	General Chemistry I	5
CHEM 122	General Chemistry II	5
CHEM 230	Quantitative Analysis	5
CHEM 240	Fundamentals of Organic Chemistry	5
CHEM 381	Fundamentals of Biochemistry	3
CHEM 430	Instrumental Analysis	5

Electives from Elective Pool or other tracks	9
Electives of choice	19
Electives Pool	
BIOL 301	Evolution
BIOL 338	Animal Behavior
BIOL 340	Systematic Zoology
BIOL 360	Morphology of Vascular Plants
BIOL 448	Systematic Botany
CHEM 380	Environmental Chemistry
GEOL 105	Physical Geology with Lab
GEOL 307	Mineralogy
GEOL 471	Sedimentation and Stratigraphy
GEOG 329	Applied GIS
GEOG 360	Perception of the Environment
GEOG 420	Environmental Hazards
PHYS 211	College Physics I
PHYS 212	College Physics II
SCI 301	Biogeochemical Cycles
SCI 494	Directed Research in Science