

ENVIRONMENTAL SYSTEMS SCIENCE - MINOR

The minor in Environmental Systems Science embraces all earth systems sciences to give the student a rigorous interdisciplinary education including issues associated with environmental policy.

Coursework of 15 credits centers on atmospheric sciences and air quality, resources and the environment, oceanography and marine pollution, environmental geology, and climate change. The minor prepares students for careers in industry, environmental and engineering consulting firms, non-governmental organizations, and governmental regulatory agencies, among other entities.

Program Requirements

Some of the courses have prerequisites so make sure to check the catalog before enrolling in the course.

Code	Title	Semester Credit Hours
ENSS 105	Introduction to Environmental Systems Science	3
Select remaining courses from at least three of the following five groups. ¹		12
Group 1		
ATMO 363	Introduction to Atmospheric Chemistry and Air Pollution	
ATMO 463	Air Quality	
ATMO 464	Laboratory Methods in Atmospheric Sciences	
Group 2		
GEOG 309	Geography of Energy	
GEOG 330	Resources and the Environment	
GEOG 380	Workshop in Environmental Studies	
GEOG 430	Environmental Justice	
GEOG 467	Dynamic Modeling of Earth and Environmental Systems	
Group 3		
GEOL 410	Hydrogeology	
GEOL 420	Environmental Geology	
GEOL 451	Introduction to Geochemistry	
Group 4		
ATMO 210	Climate Change	
ATMO 444	The Science and Politics of Global Climate Change	
ENSS 430	Global Science and Policy Making	
GEOG 410/	Global Change	
OCNG 412		
Group 5		
OCNG 320	Biological Oceanography	
OCNG 340	Chemical Oceanography	
OCNG 350	Marine Pollution	
Total Semester Credit Hours		15

¹ At least 6 hours must be upper level, 3 of which must be 400 level.

Students with majors in the College of Arts and Sciences must select only courses outside of their home department.

ENSS and ENST majors may not select this minor.