

# ENVIRONMENTAL GEOSCIENCES - MINOR

The minor in Environmental Geosciences embraces all geosciences disciplines to give the student a rigorous interdisciplinary education including issues associated with environmental policy. Coursework 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
GEOS 105	Introduction to Environmental Geoscience	3
Select remaining courses from at least three of the following five groups. <sup>1</sup>		12
Group 1		
ATMO 326	Environmental Atmospheric Science	
ATMO 363	Introduction to Atmospheric Chemistry and Air Pollution	
ATMO 463	Air Quality	
ATMO 464	Laboratory Methods in Atmospheric Sciences	
Group 2		
GEOG 205	Environmental Change	
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	
GEOG 410/ OCNG 412	Global Change	
GEOS 430	Global Science and Policy Making	
Group 5		
OCNG 320	Biological Oceanography	
OCNG 340	Chemical Oceanography	

OCNG 350 Marine Pollution

**Total Semester Credit Hours** 15

<sup>1</sup> 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.

ENGS and ENST majors may not select this minor.