

ENVIRONMENTAL GEOSCIENCE

TYPICAL STUDENT...

- ◆ Enjoys investigative research
- ◆ Excels at practical, hands-on problems and solutions
- ◆ Thinks “outside the box”
- ◆ Pays close attention to details
- ◆ Values integrity
- ◆ Thinks analytically
- ◆ Is dependable and responsible
- ◆ Works with a cooperative attitude

INSIDER INFORMATION

- ◆ Small class sizes
- ◆ 4:1 student-to-professor ratio allow for strong long-term relationship building
- ◆ A true interdisciplinary Environmental Science program
- ◆ Students use the basic principles of chemistry, physics, math, and engineering combined with geological and atmospheric science to solve real-world problems
- ◆ Opportunities to focus in air quality, hydrology, or geochemistry of soil and sediments
- ◆ Required research/internship helps gain experience and builds resume prior to graduation
- ◆ Flexible plan of study allows for study abroad
- ◆ Undergraduate research and honors opportunities in a variety of areas

CONTACT US

EARTH, ATMOSPHERIC, AND PLANETARY SCIENCES DEPARTMENT

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COURSEWORK

EAPS COURSES

- ◆ EAPS 118: Intro to Earth Science
- ◆ EAPS 109: Dynamic Earth
- ◆ EAPS 391: Biogeochemistry
- ◆ EAPS 309: Computer Aided Analysis in Geoscience
- ◆ EAPS 385: Engineering Geology
- ◆ EAPS 440: Geochemistry
- ◆ EAPS 497: Undergraduate Research

OTHER COURSES

- ◆ AGRY 337: Environmental Hydrology
- ◆ ASM 540: GIS Applications
- ◆ EEE 360: Environmental Chemistry
- ◆ Calculus 1-2 (MA 161/165 + 162/166)
- ◆ General Chemistry (CHM 115 + 116)
- ◆ Physics
- ◆ Computer Programming
- ◆ Statistics
- ◆ Written Communication and Presenting
- ◆ Foreign Language
- ◆ Humanities
- ◆ Great Issues in Science

MEDIAN ANNUAL SALARY

(All degree levels)

\$67,460

JOB OUTLOOK

Projected Growth (2014-2024) – faster than average (11%)

Projected Growth in Job Openings (2014-2024) – 10,200

TOP INDUSTRIES

Government

Professional, Scientific, and Technical Services

Sources:

American Geosciences Institute
Bureau of Labor Statistics

CAREER AREAS

Air and Water Quality Monitoring

Hydrology

Soil and Water Conservationist

Environmental Consulting

Public Policy

Climate Change