# Geology and Geophysics

## Typical Student
- Investigative
- Enjoys practical, hands-on problems and solutions
- Pays close attention to details
- Values integrity
- Thinks analytically
- Is dependable and responsible
- Works with a cooperative attitude
- Enjoys the outdoors

## EAPS Courses
- EAPS 118: Intro to Earth Science
- EAPS 109/112: Dynamic Earth/Earth Through Time
- EAPS 243: Earth Materials
- EAPS 309: Computer Aided Analysis in Geoscience
- EAPS 352: Structural Geology
- EAPS 353: Earth Surface Processes
- EAPS 354: Plate Tectonics
- EAPS 390: Field Methods
- EAPS 474: Sedimentation/Stratigraphy

## Other Courses
- 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

## Insider Information
- Small class sizes
- 4:1 student-to-professor ratio
- Small professor-to-student and student-to-advisor ratios allow for strong long-term relationship building
- Hands-on field work incorporated throughout curriculum
- Students use application principles of chemistry, physics, math, and biology combined with engineering and environmental sciences to solve real-world problems
- Flexible curriculum prepares students for advanced degrees or careers related to several specialty areas
- Flexible plan of study allows for study abroad
- Undergraduate research and honors opportunities in a variety of areas

## Career Areas
- Environmental Geology
- Mineralogy
- Hydrologist
- Seismologist
- Oil, Gas, and Mining
- Public Policy
- Education
- Energy Industry
- Geo Informatics
- Geophysicist

## MEDIAN ANNUAL SALARY
(All degree levels)
$89,700

## Job Outlook
- Projected Growth (2014-2024) – faster than average (10%)
- Projected Growth in Job Openings (2014-2024) – 3,800

## Top Industries
- Professional, Scientific, and Technical Services
- Mining, Quarrying, and Oil/Gas Extraction

Sources:
American Geosciences Institute | Bureau of Labor Statistics