

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

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

CONTACT US

EARTH, ATMOSPHERIC, AND PLANETARY SCIENCES DEPARTMENT

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COURSEWORK

EAPS COURSES

- ◆ EAPS 11800: Intro to Earth Science
- ◆ EAPS 10900/11200: Dynamic Earth/ Earth Through Time
- ◆ EAPS 24300: Earth Materials
- ◆ EAPS 30900: Computer Aided Analysis in Geoscience
- ◆ EAPS 35200: Structural Geology
- ◆ EAPS 35300: Earth Surface Processes
- ◆ EAPS 35400: Plate Tectonics
- ◆ EAPS 39000: Field Methods
- ◆ EAPS 47400: Sedimentation/ Stratigraphy

OTHER COURSES

- ◆ Calculus 1-2 (MA 16100/16500 + 16200/16600)
- ◆ General Chemistry (CHM 11500 + 11600)
- ◆ Physics
- ◆ Computer Programming
- ◆ Statistics
- ◆ Written Communication and Presenting
- ◆ Foreign Language
- ◆ Humanities
- ◆ Great Issues in Science

MEDIAN ANNUAL SALARY

(All degree levels)

\$87,480

JOB OUTLOOK

Projected Growth (2022-2032) – faster than average (5%)

Projected Growth in Job Openings (2022-2032) – 2,200

TOP INDUSTRIES

Professional, Scientific, and Technical Services

Mining, Quarrying, and Oil/Gas Extraction

Sources:

American Geosciences Institute
Bureau of Labor Statistics

CAREER AREAS

Environmental Geology

Mineralogy

Hydrologist

Seismologist

Oil, Gas, and Mining

Public Policy

Education

Energy Industry

Geo Informatics

Geophysicist