Earth & Planetary Sciences

Exploring Fields of Study
March 2, 2021
What is EPS?

Don’t you just study rocks?

• Rocks and…

• mountains, oceans, glaciers, aquifers, microbes, planets, energy sources, earthquakes, isotopes, sediments, natural hazards, minerals, lakes, rivers, clouds, faults, folds, plants, emissions, hurricanes, floods, gases, pollution, life, monsoons, droughts, fossils, Mars, moons, dynamos, and a million other things
What is EPS?

Pretty much everything!

- Geosphere
- Hydrosphere
- Biosphere
- Atmosphere
A subdiscipline for everyone!

- Climate, Atmosphere, and Oceans
- Geobiology and Earth History
- Planetary Science and Cosmochemistry
- Earth’s Interior
- Energy and Mineral Resources
- Environmental Systems
- Natural Hazards

Interdisciplinary Connections!

- Public Policy
- Economics
- Environmental Justice
- Materials Science
- Engineering/Geotech
- Data Science and AI
What can I do with EPS after graduation?

https://youtu.be/RvPkVQ9hFLY
https://www.americangeosciences.org/workforce/workforce-infographic
Geoscientists are in high demand and have employment opportunities everywhere.

You can work right in your own community...

or make a living in new and exciting places all around the world!

Job prospects and salaries are excellent for geoscientists.

Geoscientists are in very high demand! By 2025, the United States will need more than 150,000 geoscientists to fill the projected job openings.

Compared to other occupations, careers in geoscience have more competitive salaries; this means that your return on investment for college will be high.

https://www.americangeosciences.org/workforce/geoscience-careers-brochure
What is it like to be an EPS student?

Frequently Ranked #1 in undergrad satisfaction at Harvard
EPS @ Harvard

• Small Courses
• Research encouraged
• Community
  • GeoSoc
  • Friday pizza!
  • Lots of seminars
  • Study/hangout space
• Field Trips
  • Courses
  • Undergrad
EPS Research
Senior Thesis
Senior Thesis
Coffee, Tea and Hot Chocolate--available anytime

Cookie Time--every day at 3:00 pm

Pizza Friday--every Friday at 5:00 pm

First Friday Feast--bagels and fruit at 10:00 am on the first Friday of each month

“School of Rocks”...the musical
Hawaii
Iceland
Nova Scotia
Course Field Trips
Norway
Questions?

• For more info:
  • Website: [eps.harvard.edu](http://eps.harvard.edu)
  • EPS Undergrads
  • Faculty
  • Admins and Preceptors