

EARTH SCIENCES (ERTH)

GEOLOGY TRACK

Geology track students focus on rocks and minerals, tectonics, natural resources, geologic hazards and sustainability through field studies, laboratory work and theoretical studies. Summer field courses integrate the curriculum in a diverse suite of projects.

TOP FIVE REASONS TO STUDY THIS MAJOR

1. Understand the world around you and the earth beneath your feet.
2. Learn through field investigations and hands-on lab experiences.
3. Explore earth processes and the geologic record.
4. Develop technological skills for cutting-edge research.
5. Think critically about data and complex concepts related to hazards.

SKILLS YOU'LL DEVELOP

- Land use & change
- Natural resource management
- Natural hazard assessment
- Ecological analysis
- Geology of the Earth
- Science policy & communication
- Field-based skills
- Technical writing
- Data analysis

ALUMNI OCCUPATIONS



Where will your degree take you?

Environmental Technician

Exploration Geologist

Engineering Geologist

Project Geologist

Surveyor

COURSES YOU WILL TAKE

1ST YEAR

ERTH 201-203

PHYS 201, 202

CH 221, 222

3RD YEAR

ERTH 331, 332

ERTH 334

ERTH 350

2ND YEAR

ERTH 311, 315

MATH 251, 252

4TH YEAR

ERTH 363, 418

Track Electives

ERTH 406 (Field Studies)
during Summer

CORE ED REQUIREMENTS

Core Education is approximately **71-83 credits** depending on transfer credits and placement scores:



<https://catalog.uoregon.edu/genedcourses/>

Scan the QR code for more on Core Ed Course Requirements!

MAJOR CREDITS

Required
Electives

86 Credits
20 Credits

Total

106 Credits

BS or BA DEGREE MINIMUM =
180 Total Credits

MAKING THE MAJOR YOURS

SPECIALIZED COURSES

Mineralogy & Petrology

Sedimentology & Stratigraphy

Structural Geology

Geologic Hazards

Fault Mechanics

Hydrogeology

Fluid Dynamics

Earth Monitoring

Advanced GIS

ADD A MINOR OR CERTIFICATE

Data Science

Computer Science

Environmental Science

Environmental Studies

Geography

Physics

Biology

Chemistry

Mathematics

EXPERIENTIAL LEARNING



<https://cas.uoregon.edu/experiential-learning>

Scan the QR code for more!

SCHOLARSHIPS



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