# **EARTH SCIENCES (ERTH)**

# **ENVIRONMENTAL GEOSCIENCE TRACK**

Environmental Geoscience students learn about physical, chemical and biological processes of Earth's surface that are related to environmental quality and sustainability of soil and water resources. Courses include field studies, experiments and computational analyses.

# TOP FIVE REASONS TO STUDY THIS MAJOR

- Understand the world around you and the earth beneath your feet.
- Explore environmental science through field, lab and computational studies.
- **3** Learn data analysis using real-world datasets.
- Develop technological skills for cutting-edge research.
- Prepare for practical careers or further academic study.

#### SKILLS YOU'LL DEVELOP

Land use & change

Natural resource & hazard assessment

Ecological analysis

Environmental & climate change science

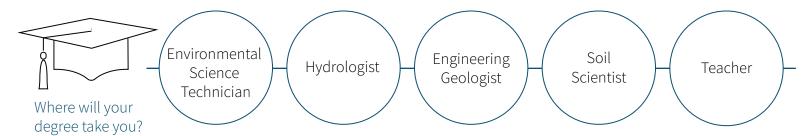
Science policy & communication

Field-based skills

Technical writing

Data analysis

## **ALUMNI OCCUPATIONS**





## **COURSES YOU WILL TAKE**

1ST YEAR 2ND YEAR

ERTH **201-203** ERTH **311, 315** 

PHYS **201**, **202** MATH **251**, **252** 

CH 221, 222

3RD YEAR 4TH YEAR

ERTH **316**, **318** ERTH **363**, **418** 

Track Electives Track Electives

MAJOR CREDITS

Required

Electives

60 Credits

BS or BA DEC

Total 104 Credits

#### **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 Requirments!

BS or BA DEGREE MINIMUM =

180 Total Credits

# **MAKING THE MAJOR YOURS**

#### SPECIALIZED COURSES

Hillslope Geomorphology

Hydrogeology

Geobiology

Oceanography

Geologic Hazards

Soil & Environmental

Chemistry

Earth Monitoring

Isotope Geochemistry

**Environmental Geomechanics** 

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.eduexperiential-learning

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**SCHOLARSHIPS** 



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