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

1. Understand the world around you and the earth beneath your feet.
2. Explore environmental science through field, lab and computational studies.
3. Learn data analysis using real-world datasets.
4. Develop technological skills for cutting-edge research.
5. 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

Where will your degree take you?

- Environmental Science Technician
- Hydrologist
- Engineering Geologist
- Soil Scientist
- Teacher

COURSES YOU WILL TAKE

1ST YEAR

ERTH **201-203**

PHYS **201, 202**

CH **221, 222**

2ND YEAR

ERTH **311, 315**

MATH **251, 252**

3RD YEAR

ERTH **316, 318**

Track Electives

4TH YEAR

ERTH **363, 418**

Track Electives

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!

MAJOR CREDITS

Required	60 Credits
Electives	44 Credits
Total	**104 Credits**

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.edu/experiential-learning

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SCHOLARSHIPS

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