

ENVIRONMENTAL SCIENCE

University of Northern Iowa College of Humanities, Arts, and Sciences

<https://earth.uni.edu/>

ABOUT THE MAJOR

A degree in this field focuses on areas of study and research in air quality, hydrology (the earth's water movement in relation to land), geoscience, and the overall physical environment. Students in this major gain an understanding of natural resources and the ecosystem, our planet's physical characteristics, and relationships between organisms and their environments.

SAMPLE COURSEWORK

General Biology: Organismal Diversity	Environmental Hydrology
Intro to Geology	Geographic Information Systems
Elements of Weather	Environmental and Occupational Health Regulations

POSSIBLE CAREERS *some titles may require further education

Environmental Consultant	Groundwater Specialist	Mining Engineer	Arborist
Geologist	Paleontologist	Petroleum Geologist	Botanist
Geochemist	Oceanographer	Environmental Lawyer	Astronomer
Biologist	Soil Scientist	Agronomist	Seismologist
Meteorologist	Toxicologist	Marine Biologist	Forester

UNI GRADUATES: WHERE ARE THEY NOW?

- Terracon
- Geologic Mapping and Resource Evaluation, Inc.
- Energy and Environmental Research Center
- BP
- ION Geophysical
- The Nature Conservancy
- Chesapeake Energy
- National Park Service
- Department of Water Resources
- American Geosciences Institute
- Lunar and Planetary Institute
- Universities Space Research Association
- Lewis and Clark Museum
- Various Research Universities



SKILLS NEEDED

- Organization
- Critical thinking
- Written skills
- Research
- Ability to work independently and collaboratively
- Ability to gather, assess, and interpret data
- Ability to read maps
- Attention to detail

HOLLAND CODES

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