

Geosciences

How can I succeed with this major?



RIDER
UNIVERSITY

NATURAL RESOURCES

What can I do with this major?

- Mineral exploration
- Petroleum geology
- Natural gas development
- Coal extraction
- Groundwater utilization
- Marine resources evaluation
- Geologic mapping

ENVIRONMENTAL GEOLOGY

What can I do with this major?

- Seismic/volcanic risk analysis
- Flood/landslide risk assessment
- Waste storage management
- Land use analysis
- Climate change evaluation
- Coastal processes investigation
- Soil conservation

EDUCATION

What can I do with this major?

- K-12 Teacher
- University/college professor
- Geological and environmental educator
- Museum curator
- Park ranger/naturalist

RELATED FIELDS

What can I do with this major?

- Geophysics
- Geochemistry
- Geologic engineering
- Marine geology
- Planetary geology
- Paleontology
- Meteorology
- Environmental consulting
- Science writing
- Environmental law
- Landscape architecture

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How can I succeed with this major?

Where do I want to work?

- Government agencies (federal, state, local)
- Environmental consulting firms
- Museums
- Non-governmental organizations
- Colleges & Universities
- Mining industry
- Nature centers
- Advocacy groups
- Analytical laboratories
- Energy companies
- Parks
- Public and private schools

How to get there...

- Be actively engaged in all your math and science courses to acquire a solid base in these fields.
- Develop effective oral and written communication skills.
- Gain extensive laboratory and research experience.
- Gain work experience in your area of interest through internships, summer jobs, part-time work, or volunteering
- Secure strong relationships and personal recommendations from professors and/or employers.

Tips: FYI

- Geosciences is a large and diverse field with numerous pathways that can lead to your career goals, so be flexible.
- A bachelor's degree may be sufficient for entry-level positions, while additional certifications and/or an advanced degree may be required for other positions.
- A teaching certification is required for K-12 schoolteachers, and a Ph.D. is needed for teaching at the university or college level.

FOR MORE INFORMATION

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