



Department of Earth and Environmental Sciences
Bachelor of Science in Geology - Engineering Geology Option

1st Year

Fall Semester

Spring Semester

Summer (Optional)

HOURS

2nd Year

Fall Semester

Spring Semester

Summer (Optional)

HOURS

3rd Year

Fall Semester

Spring Semester

Summer (Optional)

HOURS

4th Year

Fall Semester

Spring Semester

SENIOR HOURS

TOTAL HOURS

DESIGN YOUR JOURNEY



Department of Earth and Environmental Sciences

Beginning the Journey

Trailblazing the Path

Destination Graduation

EDUCATE

EDUCATE

EDUCATE

ENGAGE

ENGAGE

ENGAGE

EXCEL

EXCEL

EXCEL

MAVERICK ADVANTAGE

Be Bold. Be Ambitious. Set Yourself Apart.



CAREER DEVELOPMENT

- Internships
- Fellowships
- Assistantships
- Job Fairs
- Scholarships
- Peer Academic Leadership



GLOBAL ENGAGEMENT



LEADERSHIP DEVELOPMENT

- Mentorships
- Student Organizations
- Peer Education
- Volunteering
- Tutoring and Coaching
- Student Governance



COMMUNITY ENGAGEMENT



UNDERGRADUATE RESEARCH

FIND YOUR CAREER



Department of Earth and Environmental Sciences

What career options do I have with this major?

- Environmental Consultant
- Environmental Engineer
- Environmental Scientist
- Field Engineer
- Field Geologist
- Field Technician
- Geologist
- Geoscientist
- GIS Analyst
- Laboratory Assistant
- Scientist

Workforce Skills

Career Readiness

- Ability to make critical observations of geology and environmental features
- Ability to summarize data and field observations into report and present report to professionals
- Knowledge of scientific and engineering principles from a range of disciplines relevant to geology and the environment
- Perceiving three-dimensional spaces and forms
- Producing oral and written reports
- Proficiency with computers and scientific instruments
- Solving quantitative problems
- Working independently
- Conducting scientific research

Take Action

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