



College of Science

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

EDUCATE

ENGAGE

EXCEL

Beginning the Journey	Trailblazing the Path	Destination Graduation
EDUCATE - Meet with your advisor and become familiar with requirements for your degree. - Complete lower-division prerequisite courses. - Learn about different degree options at https://catalog.uta.edu/science/earth/	EDUCATE - Complete core degree courses - Meet with your advisor to review progress and start planning for degree completion.	EDUCATE - Complete upper-division elective and minor requirements. - Meet with your advisor to ensure degree completion. - Apply for graduation.
ENGAGE - Complete UNIV 1301/1101 - Join UTA student organizations, such as Trekking, Sigma Gamma Epsilon, America Association of Petroleum Geologist - Sign up for the EES email list and attend department events, such as Friday noon Tech Session.	ENGAGE - Explore volunteer opportunities with EES graduate students and faculty. - Subscribe to GSA's GeoCareers program. - Develop leadership in student organizations. - Apply for departmental and college scholarships - Visit UTA Career Development Center and meet with a counselor to explore potential careers for your degree.	ENGAGE - Explore volunteer opportunities with EES graduate students and faculty. - Explore summer intern opportunities. - Research about job opportunities and attend career fairs. - Polish your resume and gain interview skills. - Reflect on your education and career goals and add new skills if needed.
EXCEL - Visit www.uta.edu/research/opportunities/undergraduate and discuss with faculty about research opportunities. - Consider joining the Honors College. - Consider a GIS certificate, data science minor, or double majors.	EXCEL - Conduct undergraduate research with faculty on campus. - Explore external research opportunities funded by NSF, GSA, UNAVCO, or national labs. - Learn about graduate school application process and requirements.	EXCEL - Present research at UTA, ACES, GSA sectional, or national or other meetings. - Take GRE or MCAT and seek for recommendation letters. - Talk to potential thesis advisors in graduate schools. - Polish your resume and gain interview skills. - Apply to graduate schools.



MAVERICK ADVANTAGE

Be Bold. Be Ambitious. Set Yourself Apart.

CAREER DEVELOPMENT

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

GLOBAL ENGAGEMENT

- Global Grounds
- Global Mavericks Program
- International Week
- Language Exchange Program
- Study Abroad

LEADERSHIP DEVELOPMENT

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

COMMUNITY ENGAGEMENT

- Service Learning
- UTA Volunteers
- Camps for high school students

UNDERGRADUATE RESEARCH

- Undergraduate Research Assistantship
- Contact your professors for opportunities

FIND YOUR CAREER



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What career options do I have with this major?

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

Workforce Skills

- Professionalism: Display effective work habits, high integrity, and ethical behavior. Possess the ability to demonstrate skills confidently and apply talents to achieve professional success.
- Critical Thinking: Analyze issues, make decisions, and overcome problems by using sound reasoning in order to form a strategy, decision, or opinion.
- Teamwork/Collaboration: Work within a team and foster collaborative relationships with peers and supervisors. Use interpersonal skills to demonstrate respect and dignity for others while working toward a common goal.

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
- Conducting scientific research
- Perceiving three-dimensional spaces and forms
- Producing oral and written reports
- Proficiency with computers and scientific instruments
- Solving quantitative problems
- Working independently

Take Action

- Explore workforce skill development through on and off-campus activities.
- Engage with the UTA Career Development Center at uta.edu/careers.
- Meet with a career consultant
- Network with employers
- Discover internships and co-ops
- Apply for on-campus employment
- Join Handshake, our career services platform
- Participate in career development programs
- In addition, students must complete a field camp experience within the department.

Visit www.uta.edu/student-success/major_maps for the latest version of this major map.

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