FRESHMAN

• Focus on math and prerequisite science courses. Please note that the Math sequence is dependent on which Math you begin with according to your entrance test scores.
• Spread out your core courses to maintain a manageable workload and be prepared to take summer classes.
• Take Pre-Calculus MATH 1508 or Calculus I MATH 1411, ESCI 1301-1101, GEOL 1313-1103, & UNIV 1301 in the fall.
• Take ESCI 1310, GEOL 1314-1104, Calculus I MATH 1411 or Calculus II Math 1312, CHEM 1305-1105 & RWS 1301 in the spring.
• Take HIST 1301 in summer I & HIST 1302 in summer II

Sophomore

• Take ESCI 2204, STAT 2480, GEOL 2309-2109 & GEOL 3312-3112 in the fall.
• Take ESCI 2201 and ESCI 2103, CHEM 1306-1106, GEOL 3215-3115, & RWS 1302 in the spring.
• Take ART 1300 in summer I & PSYC 1301 in summer II.
• Note that the university core courses listed are examples; refer to the Undergraduate Catalog for all core class options.

Junior

• Take PHYS 2320-2120, ESCI 3192, GEOL 3326-3126, & GEOL 3323-3123 in the fall.
• Take PHYS 2330, POLS 2310, GEOL 4376, & PHIL 2306 in the spring.
• Complete GEOL 4375 & 4376 before your Junior year has ended.
• Take COMM 1301 & ESCI 4398 (internship) in the summer.

Senior

• Take ESCI 4320, POLS 2311 and either GEOP 4336 or GEOL 4385, as well as Upper Division Electives in the fall.
• Take ESCI 4301, Upper Division Elective in the spring.
• Complete all remaining degree requirements as needed.

Your Class Schedule

Freshman

• Register for first available New Student Orientation.
• Complete all College of Science CORE office advising requisites.
• Visit your Undergraduate Advisor in April or late March for fall advising.
• Visit your Undergraduate Advisor in mid-October for spring advising.

Sophomore

• Complete all College of Science CORE office advising requisites.
• Visit your Undergraduate Advisor in April or late March for fall advising.
• Visit your Undergraduate Advisor in mid-October for spring advising.
• Register for 15 credit hours if you have a scholarship or a max of 12 credit hours if you are working 20 hours a week, 9 credit hours if you are working 30 hours, or 6 credit hours if you are working 40 hours a week.

Junior

• Complete all College of Science CORE office advising requisites.
• Visit your Undergraduate Advisor in April or late March for fall advising.
• Visit your Undergraduate Advisor in mid-October for spring advising.

Senior

• Complete all College of Science CORE office advising requirements, graduation workshops, and graduation clearance.
• Check your emails frequently for graduation preparation deadlines and approvals.
• Visit your Undergraduate Advisor in mid-October for spring advising.
• Finalize career counseling and complete any exit interviews/surveys

Academic Advising

Freshman

• Explore student organizations such as SEEDS Environmental Advocates or the Association of Women in Geoscience.
• Cultivate research experience in the field with an NSF Research Experience for Undergraduates.
• Apply to year round internships and summer opportunities available to undergraduates.
• Check your UTEP email frequently to learn about scholarships, fellowships, and department opportunities.

Sophomore

• Investigate opportunities that allow you to study abroad or gain research experience abroad.
• Participate in Earth Day Outreach activities in the spring semester and Earth Science Week activities in the fall semester.
• Attend the Geological Sciences Student Research Colloquium in March.
• Continue exploring NSF Research Experiences and COURI opportunities.

Junior

• Attend and present your research at conferences, symposiums, colloquiums and workshops.
• Find a professor whose class you enjoy and approach them about volunteering in their lab.
• Fulfill ESCI 4398 Internship requirements by choosing your own organization, such as the Texas Parks & Wildlife, or have faculty select the organization you work with to complete this course.

Senior

• Cultivate leadership roles in student organizations.
• Continue engaging in community outreach and volunteer events.
• Continue to engage and take a lead in department events and conferences.
• Attend and present your research at conferences, symposiums, colloquiums and workshops.

ENRICHING EXPERIENCES

Freshman

• Take ESCI 2204, STAT 2480, GEOL 2309-2109 & GEOL 3312-3112 in the fall.
• Take ESCI 2201 and ESCI 2103, CHEM 1306-1106, GEOL 3215-3115, & RWS 1302 in the spring.
• Take ART 1300 in summer I & PSYC 1301 in summer II.
• Note that the university core courses listed are examples; refer to the Undergraduate Catalog for all core class options.

Sophomore

• Complete all College of Science CORE office advising requisites.
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LIFELONG SUCCESS

Freshman

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Sophomore

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• Check your emails frequently for graduation preparation deadlines and approvals.
• Visit your Undergraduate Advisor in mid-October for spring advising.
• Finalize career counseling and complete any exit interviews/surveys

LIFELONG SUCCESS

• Strive for high grades to become eligible for the College of Science Dean’s List and Honor Societies.
• Explore the Campus Office of Undergraduate Research Initiatives (COURI).
• Discover tutoring resources such as the University Writing Center and the Math Resource Center for Students.
• Register at the Career Center and obtain on-campus employment.
• Discover professional opportunities at the UTEP Career Expo.

Success

• Research and prepare for necessary graduate exams and certification exams.
• Continue to strive for a high GPA in both your major and overall to qualify for the Dean’s List and any Graduate Fast Track programs you seek to pursue.
• Attend networking open houses in various industry sites and be community-minded.
• Discover professional opportunities at the UTEP Career Expo.

Bachelor of Science in Environmental Science

CONCENTRATION IN GEOSCIENCE

Major Map | 2019-2020

Colleges of Geological Sciences | Geology Building Room 101 | 915-747-5501 | geology@utep.edu

EDGE ADVANTAGES | UTEP students will graduate with these skills:

• Leadership
• Problem-solving
• Communication
• Entrepreneurship
• Social Responsibility
• Confidence
• Global Awareness
• Teamwork
• Critical Thinking

Updated 02/22/2019
The top 10 skills employers seek:

- Ability to verbally communicate with persons inside and outside the organization
- Ability to work in a team structure
- Ability to make decisions and solve problems
- Ability to plan, organize and prioritize work
- Ability to obtain and process information
- Ability to analyze quantitative data
- Technical knowledge related to the job
- Proficiency with computer software programs
- Ability to create and/or edit written reports
- Ability to sell or influence others

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Seek UT

The UT System has developed SeekUT to provide valuable data about employment earnings for the first five years after graduation, as well as average student loan debt for graduates by degree major.

- View information about your degree major with this free, on-line tool.
- Get real data about employment earnings based on more than 210,000 UTEP and other UT institution graduates working in Texas.
- Explore graduate school data, too.

www.utsystem.edu/seekUT

Notes

Checklist for success

☐ Create a Job Mine account.
☐ Check in with your advisor.
☐ Review your degree plan to stay on track. (degreeplans.utep.edu)
☐ Attend a financial literacy workshop.
☐ Visit the Student Engagement & Leadership Center (SELC). (sa.utep.edu/selc)