

# YOUR Major Action Plan: Geoscience



What is YOUR passion?	1st YEAR	2nd YEAR
Meteorology Sedimentology Stratigraphy Paleontology Mineralogy	<b>YOUR Target Courses</b> - Complete at least 30 credit hours, including the FYS 1100 course, core geosciences courses, such as GEOL 1403, 1404, 1407, or 1408* and chemistry and math requirements for Sophomore level courses. These are concentration dependent. Please see your Faculty Advisor to keep on track! - See Faculty Academic Advisor to discuss your desired major and concentration, Grade Point Average (GPA) requirements, <a href="#">Academic Advising Guide</a> , and file your degree plan. - Discuss, explore and choose your career path. - Earth Science - Earth Science with Teacher Certification - Environmental Science - Geology - Hydrogeology - Petroleum Geology	- Complete at least 30 credit hours, including Math and Chemistry requirements. These are concentration dependent. Please see your Faculty Advisor to keep on track! - Meet with your Faculty Advisor to discuss specific degree options and how those will impact your future career goals.
Environmental Science Groundwater Resources Ecology Remote Sensing Geographic Information Systems (GIS) Oceanography	<b>Find YOUR Way</b> - Undecided about your major? Want to learn more about different career options? Take advantage of <a href="#">career counseling and career assessments</a> through Career Services. - Explore student groups and organizations in your major or area of interest through <a href="#">TexanSync</a> . - <a href="#">Tarleton Geological Society</a> - <a href="#">Tarleton Environmental Society</a> - <a href="#">American Association of Petroleum Geologists Student Chapter</a> - Attend <a href="#">Study Skills</a> sessions for additional assistance with acclimating the first year. - Attend or use <a href="#">Academic Resource Center Coaching</a> , <a href="#">Math Clinic</a> , <a href="#">tutoring options</a> , and <a href="#">Writing Center</a> . - Know the <a href="#">FAFSA deadlines</a> each year. - Seek help from <a href="#">Student Counseling Center</a> for home sickness, depression or other issues. - Feeling ill? Visit <a href="#">Student Health Services</a> for physical health related concerns.	- Explore available <a href="#">Applied Learning Experiences (ALE)</a> such as internships, research, study abroad, service learning or leadership experiences. - Become involved in regional and national organizations within your major, such as: - <a href="#">Sigma Xi</a> - <a href="#">Geological Society of America</a> - <a href="#">American Association of Petroleum Geologists</a> - <a href="#">Society for Sedimentary Geology</a> - <a href="#">National Groundwater Association</a> - National Association of Geoscience Teachers
Teaching Volcanology Seismology	<b>Sharpen YOUR Skills</b> - Start researching the <a href="#">marketable skills</a> that employers are seeking. - Get involved in <a href="#">Service Day</a> and Tarleton Roundup. - Apply to be a <a href="#">Residential Leader (RL)</a> or Tarleton Transition Mentor (TTM) - Schedule a meeting with a department representative to explore study away and study abroad experiences and department-sponsored service learning projects offered by your major. - Run for <a href="#">Freshman Representative Council</a> with SGA (Student Government Association). - Look into <a href="#">Greek Organizations</a> to network and build community.	- Seek out volunteer opportunities in your area through <a href="#">Volunteer Match</a> or <a href="#">United Way</a> to give back to the community and build marketable skills for future employment. - Attend events offered by <a href="#">The Office of Diversity and Inclusion</a> and <a href="#">Fine Arts Center</a> for cultural and diversity awareness. - Participate in <a href="#">Alternative Spring Break</a> . - Run for <a href="#">Student Government Association</a> .
	<b>YOUR Next Steps</b> - Check out part-time jobs in <a href="#">Career Services employment system</a> to gain work skills to begin building your resume. - Attend <a href="#">job and graduate school fairs</a> to explore possible future opportunities. Make a good first impression with your attire. - Investigate the type of lifestyle, salary and occupation you would like to have through Texas <a href="#">Reality Check</a> tool (powered by Texas Workforce Commission). - Learn more about your student loan debt, budgeting and much more through <a href="#">SALT</a> .	- Explore <a href="#">career opportunities</a> within your major. - Ask <a href="#">Career Services</a> how to conduct a job shadow. - Convert your high school resume into a pre-professional <a href="#">resume</a> . - Get to know your instructors to establish professional references and explore research opportunities. - Create your online portfolio through <a href="#">Portfolioium</a> . Consult with Career Services or your Faculty Advisor on items to include.

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What is YOUR passion?	3rd YEAR	4th YEAR
<p>Majors from the Geosciences Program go on to work in places like:</p> <ul style="list-style-type: none"> <li>Major Petroleum Companies</li> <li>Texas Water Development Board</li> </ul>	<p><b>YOUR Target Courses</b></p> <ul style="list-style-type: none"> <li>- Complete at least 30 credit hours, your Core courses should be complete by this year.</li> <li>- Take the opportunity to pick up extra or special problems courses offered which peak your interest or are especially applicable to your desired field.</li> <li>- Meet with your faculty advisor to discuss career opportunities and plan your life after graduation.</li> <li>- If your goal is to be a public school teacher, you will need to see your academic advisor to begin preparing for your <u>Educator Preparation</u> courses after you have completed 60 hours.</li> </ul>	<ul style="list-style-type: none"> <li>- Complete remaining credit hours, including capstone courses.</li> <li>- Meet with your faculty advisor to go over your degree plan and make sure all requirements are complete.</li> </ul>
<p>Graduate Programs at Top -Tier Universities</p> <ul style="list-style-type: none"> <li>Texas Commission on Environmental Quality</li> <li>Independent Oil Companies</li> <li>National Parks Service</li> </ul>	<p><b>Find YOUR Way</b></p> <ul style="list-style-type: none"> <li>- Visit with a faculty advisor/mentor within your area of interest to explore student opportunities specific to your major.</li> <li>- Conduct informational interviews and talk to professionals working in your fields of interest.</li> <li>- Begin looking into resources for graduate schools and summer internships.</li> <li>- Volunteer to become an officer in departmental clubs.</li> <li>- Participate in club outreach and field trips.</li> <li>- Attend local gem and mineral shows, such as <u>Fossilmania</u>.</li> <li>- Take part in the <u>Official Ring Ceremony</u>.</li> </ul>	<ul style="list-style-type: none"> <li>- Attend sessions on how to apply for graduate school offered within your department.</li> <li>- Take the Graduate Records Examination (GRE).</li> <li>- If your goal is to be a public school teacher, draft your CV, send copies to your faculty advisors for feedback and help.</li> <li>- Talk with potential faculty advisors from other schools in your areas of interest. Offer to meet with them at national meetings .</li> <li>- Apply to Graduate School!</li> </ul>
<ul style="list-style-type: none"> <li>United States Geological Survey</li> <li>Federal, State, and Local Governments</li> <li>Colleges and Universities</li> <li>Private and Public School Teachers</li> </ul>	<p><b>Sharpen YOUR Skills</b></p> <ul style="list-style-type: none"> <li>- Consider taking on leadership roles within your student organizations and clubs.</li> <li>- Offer to work within you major as a teaching assistant or grader to gain valuable skills and sharpened your own understanding.</li> <li>- Explore volunteer opportunities in your area through <u>All For Good</u>.</li> <li>- Need to get more experience and skills? Check out <u>CareerOneStop.org</u> sponsored by the US Department of Labor.</li> <li>- Explore internship opportunities with a faculty mentor or advisor for your concentration area.</li> <li>- Take part in a guided research experience under a faculty member.</li> <li>- Become an <u>Academic Resource Center- Coach Leader</u> (ARC-C Leader)</li> </ul>	<ul style="list-style-type: none"> <li>- Participate in an internship with the direction of your faculty mentor or advisor. Suggested resources for internships can be found in the <u>Career Service's employment system</u> or the <u>College Internship Program's website</u>.</li> <li>- Present student research at a national meeting, such as GSA or AAPG.</li> </ul>
<p>Explore more occupations and occupation groups through the <u>Occupational Outlook Handbook</u> powered by the Bureau of Labor and Statistics.</p>	<p><b>YOUR Next Steps</b></p> <ul style="list-style-type: none"> <li>- Meet with a Career Services staff member to plan your <u>job-search campaign</u>, schedule <u>mock interviews</u>, resume critiques, and a <u>Business Etiquette Dinner</u>.</li> <li>- Consider graduate school and application deadlines or employment.</li> <li>- Create a <u>LinkedIn</u> profile to further your professional networking.</li> <li>- Check the <u>Career Services calendar</u> for career development workshops.</li> <li>- Investigate graduate schools and attend the Open House for <u>TSU Graduate Studies</u>.</li> </ul>	<ul style="list-style-type: none"> <li>- Update your resume in <u>Career Service's employment system</u>, Portfolium and LinkedIn.</li> <li>- Research potential employers, seek out networking opportunities, apply for available positions, and prepare for potential interviews..</li> <li>-Attend <u>job fairs</u> and <u>dress professionally</u>.</li> <li>-Compile reference letters, awards, etc.</li> <li>- Consider and review various job offers, if necessary, review information needed to <u>negotiate a salary</u>.</li> <li>- <b>File for GRADUATION!</b></li> <li>- Graduate! Congratulations!</li> <li>- Join the <u>Tarleton Alumni Association</u> to stay connected to the University. <b>BLEED PURPLE!</b></li> </ul>