

# YOUR Major Action Plan: Chemistry Majors



| What is YOUR passion?  | 1st YEAR   | 2nd YEAR   |
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| Toxicology<br>Medicine<br>Forensics<br>Engineering<br>Management/Business<br>Education             | <b>YOUR Target Courses</b><br>- Complete at least 30 credit hours, including the FYS 1100 course, core geosciences courses, such as CHEM 1411, 1412, 1302*, 1409*<br>- See Staff or 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.<br>*These are concentration dependent. Please see your Faculty Advisor to stay on track!  | - Complete at least 30 credit hours, including CHEM 2423, 2425 and PHYS 1401, 1402.  |
| Research and Development<br>Biotechnology<br>Pharmaceutical Research<br>Hazardous Waste Management | <b>Find YOUR Way</b><br>- Undecided about your major? Want to learn more about different career options? Take advantage of <a href="#">career counseling</a> and <a href="#">career assessments</a> through Career Services.<br>- Explore student groups and organizations in your major or area of interest through <a href="#">TexanSync</a> .<br>- Participate in <a href="#">First Year Research Experience (FYRE)</a><br>- Attend <a href="#">Study Skills</a> sessions for additional assistance with acclimating the first year.<br>- 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> .<br>- Know the <a href="#">FAFSA deadlines</a> each year.<br>- Seek help from <a href="#">Student Counseling Center</a> for home sickness, depression or other issues.<br>- 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.<br>- Become involved in regional and national organizations within your major, such as:<br>- <a href="#">Sigma Xi</a><br>- <a href="#">American Chemical Society</a><br>- Explore undergraduate research opportunities.  |
| Quality Assurance<br>Chemist<br>Environmental Protection<br>Public Health                          | <b>Sharpen YOUR Skills</b><br>- Start researching the <a href="#">marketable skills</a> that employers are seeking.<br>- Get involved in <a href="#">Service Day</a> and Tarleton Roundup.<br>- Apply to be a <a href="#">Residential Leader (RL)</a> or Tarleton Transition Mentor (TTM)<br>- 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.<br>- Run for <a href="#">Freshman Representative Council</a> with SGA (Student Government Association).<br>- 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.<br>- Attend events offered by <a href="#">The Office of Diversity and Inclusion</a> , <a href="#">Fine Arts Center</a> for cultural and diversity awareness.<br>- Participate in <a href="#">Alternative Spring Break</a> .<br>- Run for <a href="#">Student Government Association</a> . |
|  | <b>YOUR Next Steps</b><br>- Check out part-time jobs in <a href="#">Career Services employment system</a> to gain work experience for your resume.<br>- Attend <a href="#">job and graduate school fairs</a> to explore possible future opportunities. Make a <a href="#">good first impression with your attire</a> .<br>- 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).<br>- 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.<br>- Ask <a href="#">Career Services</a> how to conduct a job shadow.<br>- Convert your high school resume into a pre-professional <a href="#">resume</a> .<br>- Get to know your instructors to establish professional references and explore research opportunities.<br>- Create your online portfolio through <a href="#">Portfolioium</a> . Consult with Career Services or your Faculty Advisor on items to include.      |



# YOUR Major Action Plan: Chemistry Majors

| What is YOUR passion?  | 3rd YEAR   | 4th YEAR   |
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| Majors from the Chemistry Program go on to work in places like:<br>ALS Environmental Science<br><br>Alcon<br><br>C&G Labs  | <b>YOUR Target Courses</b><br><br>- Complete at least 30 credit hours, including CHEM 4160, 3407, 4408, 4327.<br>- 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.  | - Meet with your faculty advisor to review your degree audit to ensure all requirements are complete for graduation.<br>- Complete remaining credit hours, including CHEM 3423, 3424*, 4328*, 4374, 4375.<br>*These are concentration dependent. Please see your Faculty Advisor to Keep on track!<br>- If your goal is to be a public school teacher, work closely with your academic advisor and Education Preparation Services to prepare for your clinical teaching experience.  |
| Seattle Children's Hospital<br><br>Pacific Drilling Logistics and Inventory<br><br>Lockheed Martin<br><br>Progress Energy–Robinson Nuclear Plant                                     | <b>Find YOUR Way</b><br><br>- Visit with a faculty advisor/mentor within your area of interest to explore student opportunities specific to your major.<br>- Conduct informational interviews and talk to professionals working in your fields of interest.<br>- Volunteer to become an officer in departmental clubs.<br>- Take part in field trips to Chemical Industries.<br>- Discuss attending the National American Chemical Society symposiums with your Faculty Advisor.<br>- Take part in the <u>Official Ring Ceremony</u> .   | - Attend sessions on how to apply for graduate school offered within your department.<br>- Talk with potential faculty advisors from other schools in your areas of interest. Offer to meet with them at national meetings.<br>- Attend National Job Fairs with your Faculty Advisor.<br>- Apply to Graduate School!   |
| Collier Environmental Consultants<br><br>Aid Liqueide<br><br>PECO-Facet<br><br>C&J Energy Services<br><br>Colleges and Universities  | <b>Sharpen YOUR Skills</b><br><br>- Consider taking on leadership roles within your student organizations and clubs.<br>- Offer to work within you major as a teaching assistant or grader to gain valuable skills and sharpened your own understanding.<br>- Explore volunteer opportunities in your area through <u>All For Good</u> .<br>- Need to get more experience and skills? Check out <u>CareerOneStop.org</u> sponsored by the US Department of Labor.<br>- Become a Research Mentor to underclassmen.<br>- Take part in a guided research experience under a faculty member.<br>- Become an <u>Academic Resource Center– Coach Leader (ARC-C Leader)</u> | - 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> .  |
| Private and Public School Teachers<br>Explore more occupations and occupation groups through the <u>Occupational Outlook Handbook</u> powered by the Bureau of Labor and Statistics. | <b>YOUR Next Steps</b><br><br>- 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> .<br>- Create a <u>LinkedIn</u> profile to further your professional networking.<br>- Check the <u>Career Services calendar</u> for career development workshops.<br>- Investigate graduate schools and attend the Open House for <u>TSU Graduate Studies</u> .  | - Update your resume in <u>Career Service's employment system</u> , <u>Portfolium</u> , and <u>LinkedIn</u> .<br>- Compile reference letters, awards, etc.<br>- Research potential employers, seek out networking opportunities, apply for available positions, and prepare for potential interviews.<br>- Attend <u>job fairs</u> and <u>dress professionally</u> .<br>- Consider and review various job offers, if necessary, review information needed to <u>negotiate a salary</u> .<br>- <u>File for GRADUATION!</u><br>- Graduate! Congratulations!<br>- Join the <u>Tarleton Alumni Association</u> to stay connected to the University. <b>BLEED PURPLE!</b> |