

# YOUR Major Action Plan: Physics



What is YOUR passion?	1st YEAR	2nd YEAR			
Astronomy Medicine Medical Physics Law Dentistry	<b>YOUR Target Courses</b> - Complete at least 30 credit hours, including CHGP 1100, MATH 2413, MATH 2414, PHYS 2425, and PHYS 2426. - 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. * If MATH 2414 is not completed by the end of year 1, it is strongly recommended that you complete summer courses to stay on track.	- Complete at least 30 credit hours. - See Faculty Advisor to discuss support field, minors, and double major options.			
Pharmacy Optometry Nuclear Engineering Bioengineering Financial Analyst		<b>Find YOUR Way</b> - 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. - Explore student groups and organizations in your major or area of interests through <a href="#">TexanSync</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. - Explore participating in undergraduate research opportunities with your Faculty Advisor. - Check out some of the following opportunities: - <a href="#">Tarleton's Society of Physics Students</a> - <a href="#">Tarleton Aeronautical Team</a> - <a href="#">American Physical Society</a> - <a href="#">American Association of Physics Teachers</a>		
Software Analyst Teaching Programming Quantum Computing			<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 build networks and community. - Utilize available <a href="#">Course Materials (Lecture, Notes)</a>	- 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. - Get more familiar with events offered by <a href="#">The Office of Diversity and Inclusion</a> , <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> .	
Systems Analyst				<b>YOUR Next Steps</b> - Check out part-time jobs in <a href="#">Career Services employment system</a> to gain work experience for your resume. - 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> . - 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 a 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="#">PortfolioM</a> . Consult with Career Services or your Faculty Advisor on items to include.

# YOUR Major Action Plan: Physics



What is YOUR passion?	3rd YEAR	4th YEAR
<p>Companies that have hired Tarleton Physics Graduates:</p> <ul style="list-style-type: none"> <li>Texas Instruments</li> <li>National Labs</li> <li>Lockheed Martin</li> <li>Motorola</li> </ul>	<p><b>YOUR Target Courses</b></p> <ul style="list-style-type: none"> <li>- Complete at least 30 credit hours.</li> <li>- See your Faculty Advisor to discuss Minor and Double Major options in related fields.</li> </ul>	<ul style="list-style-type: none"> <li>- See your Faculty Advisor to ensure you are meeting graduation requirements.</li> <li>- Complete remaining credit hours.</li> </ul>
<ul style="list-style-type: none"> <li>Bell Helicopter</li> <li>Academia</li> <li>Intuit</li> <li>Naval Air Warfare Center</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>- Learn more about potential <u>career opportunities</u> for physics graduates and hear stories of actual graduates.</li> <li>- Explore and apply for summer Research Experiences for Undergraduates (REU).</li> <li>- See your Faculty Advisor about Graduate School opportunities</li> <li>- Take part in the <u>Official Ring Ceremony</u>.</li> </ul>	<ul style="list-style-type: none"> <li>- Contact your Faculty Advisor to discuss presenting at undergraduate research symposiums.</li> <li>- Get involved with Texas Undergraduate Research Day.</li> <li>- If you plan to pursue a graduate degree, take the GRE Physics Subject Exam (September/October) and GRE General Exam .</li> <li>- If you plan to pursue a graduate degree, apply to graduate school by December.</li> </ul>
<ul style="list-style-type: none"> <li>Raytheon Missile Systems</li> <li>TX Department of Health Services</li> <li>Scott &amp; White Hospital</li> <li>KAB Laboratories</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>- 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>- 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> </ul>
<ul style="list-style-type: none"> <li>Modern Technology Solutions</li> <li>National Oceanic &amp; Atmospheric Administration</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>- <b>File for GRADUATION!</b></li> <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>- Compile reference letters, awards, etc.</li> <li>- Attend <u>job fairs</u> and <u>dress professionally</u>.</li> <li>- Consider and review various job offers, if necessary, review information needed to <u>negotiate a salary</u>.</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>