



YOUR Major Action Plan: Computer Science

What is YOUR passion?	1st YEAR	2nd YEAR
Data Science Software Engineering Game Design Cyber Security	YOUR Target Courses - Complete at least 30 credit hours, including COSC 1100, MATH 2413 and MATH 2414. - See Faculty Academic Advisor to discuss your desired major and concentration, Grade Point Average (GPA) requirements, Academic Advising Guide , 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.	2nd YEAR - Complete at least 30 credit hours, including key pre-reqs including but not limited to - MATH 3310, MATH 1342, COSC 1310, COSC 2331, COSC 2341 and COSC 2448. - See Computer Science Faculty Advisor to be advised. - Discuss, explore and choose a concentration in the Computer Science major.
Software Development Ecommerce Software Healthcare Information Systems Email Marketing Web Development	Find YOUR Way - Undecided about your major? Want to learn more about different career options? Take advantage of career counseling and career assessments through Career Services. - Explore student groups and organizations in your major or areas of interests through TexanSync . - Attend Study Skills sessions for additional assistance with acclimating the first year. - Attend or use Academic Resource Center Coaching , Math Clinic , tutoring options , and Writing Center . - Meet with your Computer Science Peer Mentor for your Intro classes. - Know the FAFSA deadlines and Scholarship deadlines each year. - Seek help from Student Counseling Center for home sickness, depression or other issues. - Feeling ill? Visit Student Health Services for physical health related concerns.	2nd YEAR - Explore participating in undergraduate research opportunities with your Faculty Advisor. - Explore available Applied Learning Experiences (ALE) such as internships, research, study abroad, service learning or leadership experiences. - Check out some of the following opportunities: - Computer Science Club - Association of Information Technology Professionals (AITP) - Game Club - Keep informed of the world's largest technical professional organization, IEEE .
Aerospace Information Systems Military Engineering Space Engineering Data Mining	Sharpen YOUR Skills - Start researching the marketable skills that employers are seeking. - Get involved in Service Day and Tarleton Roundup. - Apply to be a Residential Leader (RL) 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 Freshman Representative Council with SGA (Student Government Association). - Look into Greek Organizations to network and build community.	2nd YEAR - Seek out volunteer opportunities in your area through Volunteer Match or United Way to give back to the community and build marketable skills for future employment. - Attend events offered by The Office of Diversity and Inclusion and Fine Arts Center for cultural and diversity awareness. - Participate in Alternative Spring Break . - Run for Student Government Association . - Take advantage of Free Online Class offerings from Udacity and Coursera .
Business Analytics	YOUR Next Steps - Check out part-time jobs in Career Services employment system to gain work experience for your resume. - Attend job and graduate school fairs 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 Reality Check tool (powered by Texas Workforce Commission). - Learn more about your student loan debt, budgeting and much more through SALT .	2nd YEAR - Explore career opportunities within your major. - Ask Career Services how to conduct a job shadow. - Convert your high school resume into a pre-professional resume . - Get to know your instructors to establish professional references and explore research opportunities. - Create your online portfolio through Portfolioium . 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>Companies that have hired Tarleton CS Graduates:</p> <ul style="list-style-type: none"> Americommerce Oracle Halliburton NASA 	<p>YOUR Target Courses</p> <ul style="list-style-type: none"> - Complete at least 30 credit hours. - See your Computer Science Faculty Advisor to update your 8 semester plan and discuss Minor and Double Major options in the related fields of: Math, Engineering, Computer Information Systems or Digital Media Studies. 	<ul style="list-style-type: none"> - Complete remaining credit hours. - Meet with your Computer Science faculty advisor to review your degree audit to ensure a timely graduation.
<p>Recondo Technologies</p> <p>Northrop Grumman</p> <p>Lockheed Martin</p> <p>Charles Schwab</p> <p>Bank of America</p>	<p>Find YOUR Way</p> <ul style="list-style-type: none"> - Visit with a faculty advisor/mentor within your area of interest to explore student opportunities specific to your major. - Explore participating in undergraduate research opportunities with your Faculty Advisor. - Conduct informational interviews and talk to professionals working in your fields of interest. - Take part in the <u>Official Ring Ceremony</u>. 	<ul style="list-style-type: none"> - Contact your Faculty Advisor to discuss presenting at undergraduate research symposiums.
<p>Raytheon</p> <p>Omnitrac</p> <p>DerbySoft</p> <p>UST Global</p> <p>Schreiber Foods</p>	<p>Sharpen YOUR Skills</p> <ul style="list-style-type: none"> - Consider taking on leadership roles within your student organizations and clubs. - Explore volunteer opportunities in your area through <u>All For Good</u>. - Need to get more experience and skills? Check out <u>CareerOneStop.org</u> sponsored by the US Department of Labor. - Continue to develop computer and job-related skills, and knowledge of the workplace. - Explore internship opportunities with a faculty mentor or advisor for your concentration area. 	<ul style="list-style-type: none"> - 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>.
<p>Texas Dept. of State Health Services</p> <p>Explore more occupations and occupation groups through the <u>Occupational Outlook Handbook</u> powered by the Bureau of Labor and Statistics.</p>	<p>YOUR Next Steps</p> <ul style="list-style-type: none"> - 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>. - Create a <u>LinkedIn</u> profile to further your professional networking. - Check the <u>Career Services calendar</u> for career development workshops. - Seek out an internship at any of the Career Services job fairs or through Faculty Advisor. - Investigate graduate schools and attend the Open House for <u>TSU Graduate Studies</u>. 	<ul style="list-style-type: none"> - File for GRADUATION! - Update your resume in Career Service's employment system, Portfolium, and LinkedIn. - Compile reference letters, awards, etc. - Research potential employers, seek out networking opportunities, apply for available positions, and prepare for potential interviews. - Attend <u>job fairs</u> and <u>dress professionally</u>. - Consider and review various job offers, if necessary, review information needed to <u>negotiate a salary</u>. - Graduate! Congratulations! - Join the <u>Tarleton Alumni Association</u> to stay connected to the University. BLEED PURPLE!