





PHYSICS MAJOR MAP

Bachelor of Science | Recommended Second Major: Chemistry or Mathematics



Southwest Baptist
UNIVERSITY

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
 <p><i>Grow</i> ACADEMICALLY</p>	<p>Investigate introductory courses like CHE 115 General Chemistry I and CHE 1125 General Chemistry II.</p> <p>Familiarize yourself with your department by getting to know the professors and students.</p>	<p>Explore career goals with your advisor and choose a second major. A physics degree must be paired with another degree, most commonly chemistry or mathematics.</p>	<p>Continue engaging in courses that are part of the physics/physical science courses and those that are related to your second degree.</p>	<p>SCF 3432 Physics Through the Eyes of Faith and CHE 3323 Physical Chemistry will bring your academic experiences together and prepare you for your desired career path upon graduation.</p>
 <p><i>Pursue</i> SERVANT LEADERSHIP</p>	<p>Participate in student organizations and professional associations like Sigma Zeta Honor Society and Physics and Engineering Club.</p> <p>Engage in Chapel services and explore other Community Life + Worship opportunities.</p>	<p>Take more responsibility in your extra-curricular activities. Engage in your student organization and consider a leadership role.</p>	<p>Demonstrate servant-leadership by making new members feel welcome and pursuing leader and officer positions in your organization.</p> <p>Consider becoming a Teaching Assistant and tutoring other students through SBU's Run2Win program.</p>	<p>Consider helping with recruiting events, and spread the word about what clubs, organizations, and events you have enjoyed.</p>
 <p><i>Embrace</i> OUR GLOBAL SOCIETY</p>	<p>Visit SBU's Center for Global Connections to learn about global service opportunities.</p>	<p>Are you interested in studying abroad? Ask your advisor or Career Services about study abroad opportunities.</p>	<p>Explore opportunities to participate in summer abroad research programs.</p> <p>Engage with another culture or improve your language skills by taking a class or being involved with the Center for Global Connections.</p>	<p>Assess what opportunities, locally and globally, are available upon graduation.</p>
 <p><i>Plan for</i> YOUR FUTURE</p>	<p>Discuss your career interests with an advisor and identify your career goals.</p> <p>Apply for private scholarships within the College of Science and Mathematics each year.</p> <p>Cultivate genuine relationships with professors and attend tutoring sessions.</p>	<p>Begin building your résumé by keeping track of all clubs and organizations. Continue this through your college career.</p> <p>Learn from your peers by forming study groups in the student community room.</p>	<p>Explore graduate schools, if you desire to continue your education.</p>	<p>Identify and ask individuals if they will write your letters of reference/recommendation.</p> <p>Finalize your résumé and cover letter.</p>

CAREER POSSIBILITIES

- Applications Engineer
- Data Analyst
- Design Engineer
- IT Consultant
- Lab Technician
- Laser Engineer
- Optical Engineer
- Research Associate
- Software Developer
- Systems Analyst
- Technical Specialist
- Web Developer
- Materials Scientist
- Astronomer
- Meteorologist
- Computational Scientist
- Quantitative Research Analyst
- Solar Physicist
- Health Physicist
- Process Engineer