





# MATH MAJOR MAP

Bachelor of Arts/Bachelor of Science



Southwest Baptist  
UNIVERSITY

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	CAREER POSSIBILITIES
 <b>Grow ACADEMICALLY</b>	<p>Investigate introductory courses like MAT 1195 Calculus I, MAT 2255 Calculus II, CIS 1033 Foundations of Computer Science, and MAT 3332 Symbolic Logic and Set Theory.</p> <p>Familiarize yourself with your department by getting to know the professors and other students within your major.</p>	<p>Explore career goals with your advisor and consider a double major or adding a minor.</p> <p>Discover more about your major by engaging in courses such as MAT 2263 Calculus III, MAT 3343 Mathematical Statistics, and MAT 3323 Linear Algebra.</p>	<p>Consider what internships are available. Continue engaging in major-specific courses. If you are pursuing a Bachelor of Arts, complete your Foreign Language requirement during this year.</p>	<p>MAT 4663 Advanced Calculus and MAT 4483 Contemporary Geometry will bring your academic experiences together and prepare you for your desired career path upon graduation.</p>	<p>Actuary</p> <p>Budget Analyst</p> <p>Computer and Information Research Scientist</p> <p>Cryptographer</p> <p>Data Analyst</p> <p>Data Scientist</p> <p>Economist</p> <p>Financial Analyst</p> <p>Financial Planner</p> <p>Insurance Underwriter</p> <p>Inventory Control Specialist</p> <p>Investment Analyst</p> <p>Mathematician</p> <p>Operations Research Analyst</p> <p>Programmer Analyst</p> <p>Statistician</p> <p>Systems Engineer</p>
 <b>Pursue SERVANT LEADERSHIP</b>	<p>Participate in student organizations and professional associations.</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 leadership roles.</p> <p>Consider utilizing your skills to volunteer on campus or through a community organization.</p>	<p>Demonstrate servant-leadership by making new members feel welcome and pursuing leader/officer positions in your organization.</p>	<p>Spread the word about what clubs/organizations/events you have enjoyed and help others to get connected on campus.</p>	
 <b>Embrace OUR GLOBAL SOCIETY</b>	<p>Visit SBU's Center for Global Connections (CGC) 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>Consider serving on a team through the CGC.</p>	<p>Assess what opportunities, locally and globally, are available upon graduation.</p>	
 <b>Plan for YOUR FUTURE</b>	<p>Gather information on careers you are interested in pursuing. Use the Occupational Outlook Handbook to discover information and job projections for any career path.</p> <p>Apply for scholarships within the College of Science and Mathematics.</p>	<p>Schedule an appointment with Career Services for information on building your résumé and cover letter.</p> <p>Begin exploring options you have for internships by attending career fairs and building your career network.</p>	<p>Gain experience by pursuing an internship.</p> <p>Explore graduate schools, if you desire to continue your education.</p>	<p>Identify and ask individuals if they will write letters of reference/recommendation for you.</p> <p>Finalize your résumé and cover letter.</p> <p>Plan a time to meet with the Career Services Director to practice through a mock interview.</p>	