





# Cybersecurity // MAJOR MAP

Bachelor of Science



Southwest Baptist  
UNIVERSITY

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	CAREER POSSIBILITIES
 <b>Grow ACADEMICALLY</b>	<p>Investigate introductory courses like CIS 1033 Foundations of Computer Science and CIS 1163 Introduction to Cybersecurity.</p> <p>Familiarize yourself with your department by getting to know the professors and students.</p>	<p>Explore career goals with your advisor and consider a double major, adding a minor, or even an early entrance into the MBA program during your senior year.</p> <p>Begin researching and applying for relevant internships. During this year, discover more about business by engaging in courses that make up the CIS Core.</p>	<p>Consider what internships are available.</p> <p>Continue engaging in CIS Core classes like CIS 3013 Digital Forensics, CIS 3023 Network Security, and CIS 3033 Secure Software.</p> <p>Strive to be in the top 20% of your class for entrance into Delta Mu Delta Honor Society.</p>	<p>CIS 4462 Applied Software Engineering I and CIS 4472 Applied Software Engineering II will bring your CIS academic experiences together and prepare you for your desired career path upon graduation.</p>	<p>Systems Administrator</p> <p>Security Analyst</p> <p>Security Architect</p> <p>Security Software Developer</p> <p>Cryptanalyst</p> <p>Security Engineer</p> <p>Security Administrator</p> <p>Cryptographer</p> <p>Security Consultant</p> <p>IT Technician</p> <p>Penetration Tester</p> <p>Source Code Auditor</p> <p>Security Auditor</p> <p>Forensic Expert</p>
 <b>Pursue SERVANT LEADERSHIP</b>	<p>Participate in student organizations and professional associations like Association for Computing Machinery (ACM), Sentrepact, and Future Business Leaders of America (FBLA) Collegiate.</p> <p>Each year, engage in Cyberhealth Day where you will perform security checks and remove viruses from community members' computers.</p>	<p>Take more responsibility in your extra-curricular activities. Engage in your student organization and consider a leadership role within ACM, Sentrepact, or PBL.</p> <p>Apply to be a cybersecurity mentor for CIS Department.</p>	<p>Demonstrate servant-leadership by making new members feel welcome and pursuing project 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 to learn about global service opportunities.</p> <p>Participate in service opportunities with ACM, Sentrepact, and PBL throughout the year.</p>	<p>Compete and travel with ACM, Sentrepact, or FBLA.</p> <p>Are you interested in studying abroad? Ask your advisor or Career Services about study abroad opportunities.</p>	<p>Compete and travel with ACM, Sentrepact, or FBLA.</p> <p>Consider taking an international trip with the SBU MBA program.</p>	<p>Assess what opportunities, locally and globally, are available upon graduation.</p>	
 <b>Plan for YOUR FUTURE</b>	<p>Discuss your career interests with an advisor and identify your goals.</p> <p>Apply for CPP scholarships.</p>	<p>Attend the CPP career fair held each semester.</p> <p>Pursue internship opportunities by networking at career fairs held on campus.</p>	<p>Explore graduate schools if you desire to continue your education. Consider the option of continued education at SBU through the MBA program.</p>	<p>Identify and ask individuals if they will write you letters of reference/recommendation.</p> <p>Finalize your résumé and cover letter.</p>	