COMPUTER SCIENCE CYBERSECURITY MAJOR (B.S.)

Purpose

The Bachelor of Science in Computer Science Cybersecurity major exposes students to the computer science core body of knowledge from a Christian worldview. Equipped with a firm foundation in algorithms and problem-solving, they learn to analyze problems and design, implement, and test software solutions for the effective security of critical systems and information. Students also develop a strong background in mathematics to cultivate their reasoning abilities and manage advanced topics such as modern cryptography. Faculty help students prepare for a lifetime of service while encouraging undergraduate research and the ethical application of effective technology.

Program Learning Outcomes

The student will be able to:

- Develop computing programs and protocols to solve cybersecurity-related problems.
- Apply information technology principles and tools to provide solutions to cybersecurity-related issues.
- Evaluate the legal and ethical environment for cybersecurity applications and make informed decision based on biblical worldview.

Program of Study
Delivery Format: Online Only

- Computer Science Cybersecurity (B.S.) - Online

Career Opportunities

- Secure Developer
- Reverse Engineer
- Malware Analyst
- Threat Hunter
- Security Researcher