Cybersecurity

Master of Science

Description

Students entering the Master of Science in Cybersecurity program are required to have completed a baccalaureate degree from a college or university accredited by an accepted accrediting body within the area of information and computing technology. Students may also demonstrate experience by completing an undergraduate major in a discipline related to information technology, including but not limited to business information systems, computer engineering, computer science, data communication, information management, information technology, mathematical and physical sciences, and software engineering.

Admissions Requirements

- A bachelor's degree or equivalent from a recognized college or university
- GPA of 2.7 or higher
- Official transcripts from all previously attended schools
- Completed application with Carolina University

Graduation Requirements

- The maximum time limit to complete the program is four years or 150% of the credits, whichever the student reaches first.
- A minimum of 18 credit hours must be completed at CU.
- Up to 50% of the required credit hours can be transferred.
- Graduation is contingent upon the completion of 36 hours of prescribed courses with a minimum cumulative GPA of 3.00.

Degree Requirements

9 Credit Hours of electives from graduate level courses in Computer Science, Computer Engineering, or Electrical Engineering.

Courses

Professional Core

CYB 500 - Computer Security
3 Credit Hours
CYB 510 - Network Security
3 Credit Hours
CYB 520 - Ethics, Legal Issues, and Policy
3 Credit Hours
CYB 530 - Applied Cryptography

3 Credit Hours
[CYB 620 - Issues in Security, Privacy, and Anonymity](#)
3 Credit Hours

Master's Thesis/Project

[CYB 690 - Master's Thesis/Project I](#)
3 Credit Hours
[CYB 695 - Master's Thesis/Project II](#)
3 Credit Hours

Electives (Choose 9 Credit hours)

[CYB 540 - Information Policy](#)
3 Credit Hours
[CYB 640 - Wireless and Mobile Security](#)
3 Credit Hours
[CYB 630 - Advanced Cryptography](#)
3 Credit Hours
[CYB 699 - Special Topics](#)
3 Credit Hours