

# 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 high school diploma or GED
- GPA of 2.0 or higher
- Official transcripts from all previously attended schools
- Completed application with Carolina University

### Graduation Requirements

In order to become a candidate for graduation a student:

1. Shall have completed a minimum of 30 credit hours at CU;
2. Shall have maintained a minimum academic average of C (higher for some programs);
3. Shall have passed all courses in his/her curriculum and made a C or better in key courses designated as essential in each program;
4. Shall have completed at least 24 of the final 30 hours with Carolina University.

### Degree Requirements

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

### Courses

#### Professional Core

<a href="#">CYB 500 - Computer Security</a>	3 Credit Hours
<a href="#">CYB 510 - Network Security</a>	3 Credit Hours
<a href="#">CYB 520 - Ethics, Legal Issues, and Policy</a>	3 Credit Hours
<a href="#">CYB 530 - Applied Cryptography</a>	3 Credit Hours
<a href="#">CYB 620 - Issues in Security, Privacy, and Anonymity</a>	3 Credit Hours

#### Master's Thesis/Project

<a href="#">CYB 690 - Master's Thesis/Project I</a>	3 Credit Hours
<a href="#">CYB 695 - Master's Thesis/Project II</a>	3 Credit Hours

#### Electives

<a href="#">CYB 540 - Information Policy</a>	3 Credit Hours
<a href="#">CYB 640 - Wireless and Mobile Security</a>	3 Credit Hours
<a href="#">CYB 630 - Advanced Cryptography</a>	3 Credit Hours
<a href="#">CYB 699 - Special Topics</a>	3 Credit Hours