

**Take the  
next big step  
in your career journey.**



Enrollment Intakes: September | January | May  
Fully Online (Global Access) | Full-Time | Part-Time  
Rolling Admissions - Apply Anytime

## Master of Science in Computer Science - Cybersecurity

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Fully Online & Flexible Learning

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Industry-Aligned Specializations

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Global Business Curriculum

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Real-World Capstone Project

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Collaborative & Interdisciplinary Approach

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Career-Ready Skills in Leadership, Tech, & Analytics

The Master of Science in Computer Science (MS) - Cyber Security at Florida Coastal University is an advanced, industry-relevant program designed to develop future-ready cyber security professionals. It blends deep technical knowledge with hands-on experience to prepare students for today's fast-evolving, technology-driven threat landscape.

Focused on network defense, ethical hacking, threat intelligence, cloud security, and digital forensics, the Cyber Security specialization equips students to identify vulnerabilities, secure critical systems, and implement advanced security solutions. Graduates are prepared to lead in cyber defense, security architecture, risk assessment, and digital forensics with confidence and integrity.



### Program Overview

The Master of Science in Computer Science - Cybersecurity program is structured as a 36-credit hour fully online degree that integrates foundational computer science knowledge with advanced specialization in cybersecurity.

It is designed to develop a comprehensive understanding of network defense, cryptography, ethical hacking, and digital forensics, while also addressing the ethical and practical implications of cybersecurity in the modern world. Students gain valuable exposure to real-world technology scenarios through security labs, threat simulations, capstone projects, and interactive coursework - all delivered via a flexible, student-centered online platform.

The program includes:

- 12 credit hours of core courses
- 18 credit hours in a cybersecurity specialization
- 06 credit hours of capstone project work

### Why choose this program?

- Focused on real-world cyber security skills like threat detection, ethical hacking, and risk management
- Combines advanced computer science and information security knowledge with intensive hands-on labs
- Includes simulations, cyber ranges, and capstone projects for practical, real-world experience
- Prepares you for analytical and leadership roles in cyber defense, security operations, and incident response
- Builds problem-solving, decision-making, and analytical capabilities tailored to the cyber security and emerging technology sector



**Florida  
Higher  
Education**

**Creating  
Opportunities  
within State**





### Why Florida Coastal University?

- **Approved:** Provisionally by the Commission for Independent Education (CIE), Florida
- **Affordable Tuition:** Designed for ambitious professionals, without financial burden
- **Work-Life-Academia Balance:** Learn at your own pace from anywhere in the world
- **Job-Aligned Curriculum:** Built for practical impact and career transformation
- **Global Network Access:** Connect with peers, alumni, and faculty across industries.

### Career Pathways

Graduates of the Master of Science in Computer Science (MS) - Cyber Security program are equipped with advanced technical expertise and industry-aligned skills that prepare them for a wide range of specialized career opportunities across technology-driven domains. Students can pursue the following roles:

- Cyber Security Analyst / Specialist
- Ethical Hacker / Penetration Tester
- Security Operations Center (SOC) Manager
- Digital Forensics Investigator
- Information Security Architect



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### Curriculum Structure

- 12 credits of core business courses
- 18 credits in cybersecurity specialization
- 06 credits Capstone Project

### Capstone Experience

The Capstone Seminar and Project are the culmination of the MSCS program. Students work on real-world cybersecurity challenges or cutting-edge research aligned with their specialization. Deliverables include:

- Problem identification and literature review
- Design and development of a solution prototype
- Final presentation and report submission
- Faculty and peer feedback integration

### Email us at

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