

2018

Master of Science in Cybersecurity Management

Nova Southeastern University

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Cybersecurity Management

MASTER OF SCIENCE

NOVA SOUTHEASTERN
UNIVERSITY

NSU
Florida

Program Features

- 10 courses | 30 credit hours
- The CEC is recognized as a National Center of Academic Excellence in Information Assurance and Cyber Defense Education by the U.S. National Security Agency and the Department of Homeland Security.
- Students receive quality instruction from CEC faculty members—all of whom hold Ph.D. degrees and are experts in their respective fields of research/application.

Program Formats

- Fort Lauderdale/Davie Campus
- Online

Program Highlights

- Full-time students can earn the degree in 12–14 months.
- Working professionals can earn the degree in 16–24 months.

Career Opportunities

- chief information security officer
- cybersecurity program manager
- information systems security manager
- IT program manager
- vulnerability assessment analyst

Learn More
cec.nova.edu

M.S. in Cybersecurity Management

The Master of Science in Cybersecurity Management is a 30-credit program at Nova Southeastern University's College of Engineering and Computing. Offered online and on campus in South Florida, the program is designed for individuals who want to focus on security policy development and compliance by obtaining the necessary skills and abilities for the development of organizational policies related to information assurance/cybersecurity defense and the analysis of operational systems for compliance with applicable related laws and policies. If you want to focus on network security engineering to ensure the security of organizational assets from the technical perspective, then you should look at the M.S. in Information Assurance and Cybersecurity.

The National Security Agency (NSA) and the Department of Homeland Security (DHS) have certified that NSU's curriculum in information security meets or exceeds the requirements and standards expected of a leader in cybersecurity research and education. NSA and DHS recognized that NSU's graduate curriculum met the additional requirements for educational specializations in network security engineering and security policy development and compliance. Because of this recognition, federal agencies may sponsor civilian and military personnel to take the school's certified graduate courses. Individuals may apply to take one or more certified information security courses as non-degree students. NSU is designated as a National Center of Academic Excellence in Cyber Defense (CAE/CD) education, and NSU's CEC is hosting the Center for Information Protection, Education, and Research (CIPhER). The university was among the first in Florida to receive this designation in March 2005 amongst the first in the State of Florida.

Admissions Requirements

- online application (apply.nova.edu)
- \$50 application fee (nonrefundable)
- an earned bachelor's degree with a GPA of at least 2.5 from a regionally accredited institution and with an appropriate major
- sealed official transcripts from all institutions attended
- a résumé

The college may require additional documentation to support the application. An applicant may submit standardized test scores or any additional documentation to strengthen his or her application.

International students should visit cec.nova.edu/admissions for additional requirements.



Cybersecurity Management

MASTER OF SCIENCE

Curriculum | Total Credits: 30

PREREQUISITE COURSES

Applicants who do not have adequate academic backgrounds may be required to take the following 500-level graduate course during the first term of the program.

MSIT 501 Foundations of Programming, Data Structures, and Algorithms

Students must take all 10 required courses in the list that follows. Students who wish to take an elective (above the 10 required courses) must request approval from the program office prior to registration. Students who opt to do a thesis must first take first nine required courses (not including ISEC 695) and take 6 thesis credits (total 33 credits). Plans for the thesis option must be made in conjunction with, and approved by, the program office.

DEGREE PROGRAM COURSES

Required Courses (10 courses, 3 credits each)

MMIS 621	Information Systems Project Management
MMIS 623	Information Privacy and Ethics
MMIS 630	Database Management and Applications
MMIS 653	Telecommunications and Computer Networking
MMIS 680	Human-Computer Interaction
ISEC 615	Fundamentals of Cybersecurity
ISEC 635	Information Security Operations Management
ISEC 655	Information Security Governance
ISEC 675	Information System Auditing
ISEC 695	Information Security Management Project

This publication should not be viewed as a substitution for official program requirements and outcomes. A student is responsible for meeting the curriculum and program requirements in the *Graduate Student Catalog* that are in effect when the student enters the program.

Nova Southeastern University admits students of any race, color, sexual orientation, gender, gender identity, military service, veteran status, and national or ethnic origin. ■ Nova Southeastern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate's, baccalaureate, master's, educational specialist, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Nova Southeastern University. 09-046-18_01PGA

Admissions

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Fort Lauderdale, Florida 33314-7796
cec.nova.edu/admissions
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cecinfo@nova.edu

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