

CYBERSECURITY MANAGEMENT

MASTER OF SCIENCE (M.S.)

NSU Florida

At a Glance

- 10 courses | 30 credit hours
- degree completion in 12–14 months as a full-time student
- degree completion in 16–24 months as a working professional

Program Formats

- Fort Lauderdale/Davie Campus
- online

Program Highlights

- The CCE 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.
- Receive quality instruction from CCE faculty members—all of whom hold Ph.D. degrees and are experts in their respective fields of research/application.

Future Opportunities

Under the category of Oversee and Govern, within the National Institute of Standards and Technology, explore careers such as:

- chief information security officer (CISO)
- information systems security manager (ISSO)
- cybersecurity program manager (OPM#801)
- information systems security manager (OPM#722)
- IT program manager (OPM#802)
- cyber policy and strategy planner (OPM#752)

Learn More
computing.nova.edu

Become an Authority in Cybersecurity Management.

Dive into security policy development and compliance, and emerge with the necessary skills and abilities to develop organizational policies related to information assurance/cybersecurity defense and the analysis of operational systems for compliance with related laws and policies. Nova Southeastern University's (NSU's) College of Computing and Engineering (CCE) gives you the flexibility to obtain the Master of Science (M.S.) in Cybersecurity Management either online or at the Fort Lauderdale/Davie Campus.

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 nondegree students.

NSU is designated as a National Center of Academic Excellence in Cyber Defense (CAE/CD) education, and NSU's CCE 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.

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

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



CYBERSECURITY MANAGEMENT

MASTER OF SCIENCE (M.S.)

Curriculum | Total Credits: 30

PREREQUISITE COURSES

Credits

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	3
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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 before registration. Students who opt to complete a thesis must first take 9 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

MMIS	621	Information Systems Project Management	3
MMIS	623	Ethics in Computing	3
MSIT	630	Database Systems	3
MMIS	653	Telecommunications and Computer Networking	3
MMIS	680	Human-Computer Interaction	3
ISEC	615	Fundamentals of Cybersecurity	3
ISEC	635	Information Security Operations Management	3
ISEC	655	Information Security Governance	3
ISEC	675	Information System Auditing	3
ISEC	695	Information Security Management Project	3

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 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. 05-015-20MCP

Admissions

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