

INFORMATION ASSURANCE AND CYBERSECURITY

MASTER OF SCIENCE (M.S.)

NSU Florida

At a Glance

- Earn a degree in 30 credit hours.
- Complete the program in 12–14 months as a full-time student.
- Complete the program in 16–24 months as a working professional.

Program Formats

- Program is offered at the Fort Lauderdale/Davie Campus and 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.
- 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 Protect and Defend, within the National Institute of Standards and Technology, explore careers, such as

- chief information security officer (CISO)
- information systems security officer (ISSO)
- cyber defense analyst (OPM#511)
- cyber defense infrastructure support specialist (OPM#521)
- cyber defense incident responder (OPM#531)
- vulnerability assessment analyst (OPM#541)

Learn More
computing.nova.edu

Prepare to Dominate the Cybersecurity Field

Prepare to dominate the cybersecurity field with the Master of Science (M.S.) in Information Assurance and Cybersecurity degree program at Nova Southeastern University (NSU). Gain the skills you need to design secure network infrastructures with top-tier network security engineering, and to perform security analysis of network traffic.

The National Security Agency (NSA) and its affiliated federal agencies, including the Federal Bureau of Investigation (FBI), the National Institute of Standards and Technology (NIST)/National Initiative on Cybersecurity Education (NICE), the National Science Foundation (NSF), the Department of Defense Office of the Chief Information Officer (DoD-CIO), and the U.S. Cyber Command (CYBERCOM), have designated NSU as a National Center of Academic Excellence (NCAE) in Cybersecurity and have certified that NSU's curriculum in cybersecurity meets or exceeds the requirements and standards expected of a leader in cybersecurity education.

Get the NSU edge.

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.



INFORMATION ASSURANCE AND CYBERSECURITY

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 one or more of the following 500-level graduate courses during the first two terms of the program. (Courses are 3 credits each.)

MSIT	501	Foundations of Programming, Data Structures, and Algorithms	3
CISC	501	Computer Organization and Architecture	3
CISC	502	Mathematics in Computing	3
CISC	503	Data Structures and Algorithms	3

Students must take all 10 required courses. Students who wish to take an elective (above the 10 required courses) must request approval from the program office before registration.

DEGREE PROGRAM COURSES

Required Courses (10 courses, 3 credits each)

CISC	640	Operating Systems	3
CISC	650	Computer Networks	3
CISC	680	Software Engineering	3
ISEC	615	Fundamentals of Cybersecurity	3
ISEC	620	Applied Cryptography	3
ISEC	640	Database Security	3
ISEC	650	Computer and Network Forensics	3
ISEC	660	Advanced Network Security	3
ISEC	690	Information Security Project	3
MSIT	630	Database Systems	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. 0618-2021-CCE-MCP

Admissions

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