About the Major

This degree program was developed to address the rapidly growing global problems of maintaining and securing computer information. Important areas addressed by the programs include threats and vulnerabilities, cryptography, authentication and access control, security models, network security, trusted computer systems, distributed systems security, World Wide Web security, applications security, and security management and policies. The M.S. is recognized by the National Security Agency (NSA) based on its certification of the school’s curriculum for compliance with the requirements. As a result of this certification, Federal civilian and military personnel will be permitted to take the school’s certified graduate courses under government sponsorship, and the school is authorized to issue certificates to students who complete such courses.

Program Format

This program’s formats offer full-time students the opportunity to earn the degree in 12 months and working professionals the opportunity to earn the degree in 16-24 months. This program is available online and/or on-campus. On-campus classes are held on the main campus in Fort Lauderdale. Each class meets once a week from 6:00 p.m. to 8:00 p.m. for 16 weeks in the fall and winter terms and 14 weeks in the summer term.

Career Opportunities

- Chief Security Officer (CSO)
- Information Systems Security Officer (ISSO)
- Network Security Administrator
- Security Analyst Compliance Manager
Core courses and electives are listed below. Students must take all ten core courses and two electives. Students who wish to take an additional elective must request approval from the program office prior to registration. If the thesis option is elected, students must take all ten core courses and six thesis credits. Plans for the thesis option must be made with and approved by the program office.

**Core Courses** (three credits each)
- CISC 640 Operating Systems
- MSIT 630 Database Systems
- CISC 680 Software Engineering
- CISC 650 Computer Networks
- MSIT 665 Web Services
- ISEC 600 Secure Computer Systems
- ISEC 620 Applied Cryptography
- ISEC 640 Database Security
- ISEC 650 Computer & Network Forensics
- ISEC 660 Advanced Network Security

**Electives** (three credits each)
- CISC 610 Programming Languages
- MMIS 623 Information Privacy and Ethics
- MMIS 654 Electronic Commerce on the Internet
- CISC 670 Artificial Intelligence
- MMIS 671 Fundamentals of Analytics & Business Intelligence
- CISC 695 Interaction Design
- ISEC 690 Information Security Project

**Notice of Nondiscrimination and Accreditation**
Nova Southeastern University admits students of any race, color, sex, age, nondisqualifying disability, religion or creed, sexual orientation, or national or ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school, and does not discriminate in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school administered programs.

Nova Southeastern University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097, Telephone number: 404-679-4501) to award associate’s, bachelor’s, master’s, educational specialist, and doctoral degrees.