

INFORMATION SYSTEMS

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

- Concentrations include data analytics, information assurance and cybersecurity management, and user experience (UX) and human-computer interaction.
- The security concentration is recognized 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

Explore careers, such as:

- chief information officer (CIO)
- cybersecurity analyst/director of IT security/chief information security officer
- data scientist/business intelligence analyst
- information systems manager
- project manager
- systems analyst
- user experience designer/researcher

Learn More
computing.nova.edu

Solve Real-World Problems.

Master the ability to apply information technology to the design, retention, and dissemination of information for management planning and decision-making with the Master of Science (M.S.) in Information Systems program at Nova Southeastern University's (NSU's) College of Computing and Engineering (CCE).

Emerge as a leader in key areas such as project management, database systems and data warehousing, user experience (UX) and human-computer interaction, information assurance and cybersecurity management, and data analytics and business intelligence.

Theory and practice are blended into a learning experience that develops skills applicable to complex, real-world problems. The program is designed to give you a thorough knowledge of the field and to provide you with an enduring foundation for professional growth.

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 SYSTEMS

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
------	-----	---	---

The Master of Science in Information Systems has three concentration options, along with a no concentration option. Students must complete 30 credits. Core courses, concentrations, and electives are listed below.

DEGREE PROGRAM COURSES

Core Courses

ISEC	615	Fundamentals of Cybersecurity	3
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	671	Data Analytics	3
MMIS	680	Human-Computer Interaction	3

Data Analytics Concentration

MMIS	642	Data Warehousing	3
MMIS	643	Data Mining	3
MMIS	692	Data Analytics Project	3

Information Assurance and Cybersecurity Management Concentration

ISEC	675	Information System Auditing	3
ISEC	695	Information Security Management Project	3
<i>Choose one of the following:</i>			
ISEC	635	Information Security Operations Management	3
ISEC	655	Information Security Governance	3

User Experience(UX)/Human-Computer Interaction Concentration

CISC	685	Interaction Design	3
MMIS	636	Computer-Supported Cooperative Work	3
MMIS	644	UX Strategy for Social Media	3

No Concentration Option (3 courses, 3 credits each)

Select a mix of courses from the concentrations mentioned previously, and/or any offerings of 600-level courses prefixed MMIS or ISEC as electives.

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. 05-014-20MCP

Admissions

3301 College Avenue
Fort Lauderdale, FL 33314-7796
computing.nova.edu/admissions
(954) 262-2031 • 800-986-2247, ext. 22031
computing@nova.edu

NSU
Florida

College of Computing
and Engineering
NOVA SOUTHEASTERN
UNIVERSITY