

INFORMATION TECHNOLOGY

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 application development, data analytics, and information assurance and cybersecurity management.
- 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

- software developer
- business intelligence analyst
- information technology specialist
- web developer
- systems analyst

Learn More
computing.nova.edu

Master Today's Computing Technologies and Resources.

Gain a thorough knowledge of organizational information systems, application technologies, and systems infrastructure with the Master of Science (M.S.) in Information Technology program at Nova Southeastern University's (NSU's) College of Computing and Engineering (CCE). Available in both in-person and online formats, NSU's M.S. in Information Technology is designed within an organization and societal context through the selection, creation, application, integration, and administration of today's computing technologies and resources.

Take advantage of five core courses in database systems, platform technologies, telecommunications and networking, software development, and security technologies. Then, get a tailored approach by choosing one of three concentrations for specialized training: application development, data analytics, or information assurance and cybersecurity management; if you choose the no-concentration option, you will need to take five elective courses.

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 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 TECHNOLOGY

MASTER OF SCIENCE (M.S.)

Curriculum | Total Credits: 30

PREREQUISITE COURSES

Applicants who do not have an adequate background 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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The Master of Science in Information Technology 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	653	Telecommunications and Computer Networking	3
MSIT	630	Database Systems	3
MSIT	650	Platform Technologies	3
MSIT	660	Software Development	3

Application Development Concentration

CISC	668	Mobile Application Development	3
CISC	685	Interaction Design	3
MSIT	665	Web Services	3

Data Analytics Concentration

MMIS	642	Data Warehousing	3
MMIS	643	Data Mining	3
MMIS	671	Data Analytics	3

Information Assurance and Cybersecurity Management Concentration

ISEC	635	Information Security Operations Management	3
ISEC	655	Information Security Governance	3
ISEC	675	Governance System Auditing	3

No Concentration Option (5 courses, 3 credits each)

Select a mix of courses from Concentrations and/or Electives

Electives (3 credits each)

Students select any 600-level courses at the college prefixed MMIS, MSIT, or ISEC (except MMIS 630 or ISEC 600, 620, 640, 650, or 660).

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. 05-016-20MCP

Admissions

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