

Management Information Systems

MASTER OF SCIENCE



Program Features

- 12 courses | 36 credit hours
- Concentrations include business intelligence/analytics, information assurance, and human-computer interaction.
- The security concentration is recognized by the U.S. National Security Agency and the Department of Homeland Security.
- Students receive quality instruction from CEC faculty members—all of whom hold Ph.D. degrees and are experts in their respective fields of research/application.

Program Formats

- Fort Lauderdale/Davie Campus
- Online

Program Highlights

- Full-time students can earn the degree in 12 months.
- Working professionals can earn the degree in 16–24 months.
- Fall and winter terms are 16 weeks.
- Summer term is 14 weeks.

Career Opportunities

- chief information officer
- information systems manager
- strategic technology consultant
- systems analyst/project leader
- telecommunications manager

Learn More
cec.nova.edu

M.S. in Management Information Systems

The M.S. in Management Information Systems (MMIS) program focuses on the application of information technology to the collection, retention, and dissemination of information for management planning and decision-making.

The program concentrates on areas such as project management, decision support systems, computer languages, client-server and distributed computing, database systems and data warehousing, telecommunications, system analysis and design, human-computer interaction, electronic commerce, information security, computer graphics, and multimedia.

The program blends theory and practice into a learning experience that develops skills applicable to complex, real-world problems. It is designed to give students a thorough knowledge of the field and to provide an enduring foundation for professional growth.

Admissions Requirements

- ✓ completed online application for admission (apply.nova.edu)
- ✓ nonrefundable, \$50 application fee
- ✓ conferred bachelor's degree with an appropriate major from a regionally accredited institution
- ✓ sealed official transcripts from all prior institutions
- ✓ overall undergraduate GPA of 2.5 or greater on a 4.0 scale (Applicant must have earned a GPA of at least 3.0 in his or her major.)
- ✓ résumé providing a short account of the applicant's academic background and professional experience

The college may require additional documentation to support the application. An applicant may submit standardized test scores or any additional documentation to strengthen his or her application.

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



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Curriculum | Total Credits: 36

PREREQUISITE COURSES

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.)

MMIS 501 Introduction to Java Programming
MMIS 520 Management Information Systems

DEGREE PROGRAM COURSES

Core Courses (four courses, 3 credits each)

MMIS 621 Information Systems Project Management
MMIS 630 Database Management and Applications
MMIS 653 Telecommunications and Computer Networking
MMIS 660 Systems Analysis and Design

No Concentration Option (three courses, 3 credits each)

Students take the listed courses, then select five more elective courses.

MMIS 627 Enterprise Technologies and Infrastructures
MMIS 654 Electronic Commerce on the Internet
MMIS 665 Information Systems Strategy

Business Intelligence/Analytics Concentration

(four courses, 3 credits each)

Students take the listed courses, then select four more elective courses.

MMIS 642 Data Warehousing
MMIS 643 Data Mining
MMIS 671 Fundamentals of Analytics and Business Intelligence
MMIS 692 Capstone Project in Business Intelligence

Information Assurance and Cybersecurity

(five courses, 3 credits each)

Students take the listed courses, then select three more elective courses.

ISEC 615 Fundamentals of Security Technologies
ISEC 635 Information Security Operations Management
ISEC 655 Information Security Governance
ISEC 675 Information System Auditing
ISEC 695 Information Security Management Project

Human-Computer Interaction Concentration

(five courses, 3 credits each)

Students take the listed courses, then select three more elective courses.

MMIS 623 Information Privacy and Ethics
MMIS 646 Data Visualization
MMIS 654 Electronic Commerce on the Internet
MMIS 656 Web Design Technologies
MMIS 680 Human-Computer Interaction

Electives (3 credits each)

Students will take three to five additional courses, depending on the concentration, to complete their 36-credit curriculum. These open electives can be selected from any courses prefixed MMIS, RESD, or MITE.

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 *Graduate Student Catalog* that are in effect when the student enters the program.

Nova Southeastern University admits students of any race, color, sexual orientation, 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. 01-070-17_04PGA

Admissions

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