M.S. in Information Systems

The M.S. in Information Systems program at the College of Computing and Engineering (CCE) focuses on the application of information technology to the design, collection, retention, and dissemination of information for management planning and decision-making.

The program concentrates on 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/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 students a thorough knowledge of the field and to provide 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 cec.nova.edu/admissions for additional requirements.
Information Systems
MASTER OF SCIENCE

Curriculum | Total Credits: 30

PREREQUISITE COURSES
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 credits)

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
(7 courses, 3 credits each)
ISEC 615 Fundamentals of Cybersecurity
MMIS 621 Information Systems Project Management
MMIS 623 Ethics in Computing
MMIS 630 Database Management and Applications
MMIS 653 Telecommunications and Computer Networking
MMIS 671 Fundamentals of Analytics and Business Intelligence
MMIS 680 Human-Computer Interaction

Business Intelligence/Data Analytics Concentration
(3 courses, 3 credits each)
MMIS 642 Data Warehousing
MMIS 643 Data Mining
MMIS 692 Capstone Project in Business Intelligence

Information Assurance and Cybersecurity Management Concentration
(3 courses, 3 credits each)
ISEC 675 Information System Auditing
ISEC 695 Information Security Management Project
Choose one of the following.
ISEC 635 Information Security Operations Management
ISEC 655 Information Security Governance

User Experience(UX)/Human-Computer Interaction Concentration
(3 courses, 3 credits each)
CISC 685 Interaction Design
MMIS 636 Computer-Supported Cooperative Work
MMIS 644 UX Strategy for Social Media

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 Graduate 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.

Admissions
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