About the Major

This 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 future professional growth.

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, and in the NSU Tampa and Orlando campus. 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 Information Officer
• Information Systems Manager
• Strategic Technology Consultant
• Systems Analyst/Project Leader
• Telecommunications Manager
Prerequisite Courses
Applicants who do not have adequate backgrounds may be required to take one or more of the following 500-level graduate courses during the first term of the student’s program:
MMIS 501 Introduction to Java Programming
MMIS 520 Management Information Systems.

Core Courses (three 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
Students take the three courses (9 credits) listed and then select five more courses from the elective list.
MMIS 627 Enterprise Technologies and Infrastructures
MMIS 654 Electronic Commerce on the Internet
MMIS 665 Information Systems Strategy

Business Intelligence/Analytics Concentration
Students take the four courses (12 credits) listed and then select four more courses from the elective list.
MMIS 642 Data Warehousing
MMIS 643 Data Mining
MMIS 671 Fundamentals of Analytics and Business Intelligence
MMIS 692 Capstone Project in Business Intelligence

Web Management Concentration
Students take the five courses (15 credits) listed and then select three more courses from the elective list.
MMIS 650 Fundamentals of Cloud Computing
MMIS 654 Electronic Commerce on the Internet
MMIS 656 Web Design Technologies
MMIS 681 Multimedia Systems
MMIS 671 Fundamentals of Analytics and Business Intelligence

Information Security Management Concentration
Students take the five courses (15 credits) listed and then select three more courses from the elective list.
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

Enterprise Systems Concentration
Students take the four courses (12 credits) listed and then select four more courses from the elective list.
MMIS 627 Enterprise Technologies and Infrastructures
MMIS 628 Enterprise Systems and Business Processes
MMIS 642 Data Warehousing
MMIS 671 Fundamentals of Analytics and Business Intelligence

Human-Computer Interaction Concentration
Students take the five courses (15 credits) listed and then select four more courses from the elective list.
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

Learning Technology Concentration
Students take the five courses (15 credits) listed and then select four more courses from the elective list.
MITE 628 Learning Design
MITE 655 Foundations of Learning Technology
MITE 661 E-Learning
MITE 680 Human-Computer Interaction
RESD 620 Organizational Assessment and Evaluation

Electives (three credits each)
Students will take three to five additional courses, depending on the concentration, to complete their 36-credit hour curriculum. These open electives may be selected from any courses prefixed MMIS, RESD, or MITE. Students who elect a thesis replace six open elective credits with six thesis credits.

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, pro-grams, 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.

For further information
- Visit us online at www.cec.nova.edu
- Contact us at (954) 262-2005, toll free: 800-986-2247, ext. 22005 or via email at cecinfo@nova.edu
- Visit us on-campus at 3301 College Avenue, Carl DeSantis Building, Fourth Floor, Fort Lauderdale, Florida 33314
- Apply Online at www.cec.nova.edu/admissions