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. 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
**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, below.
- MMIS 627 Enterprise Technologies and Infrastructures
- MMIS 654 Electronic Commerce on the Internet
- MMIS 665 Information Systems Strategy

**Business Intelligence/Analytics, required courses**
- 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, required courses**
- 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, required 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

**Enterprise Systems, required courses**
- 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, required 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

**Learning Technology, required courses**
- MITE 628 Learning Design
- MITE 655 Foundations of Learning Technology
- MITE 661 E-Learning
- MMIS 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.

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