About the Major
This program focuses on the information technological foundations of computer information systems including areas such as database systems, human-computer interaction, data and computer communications, artificial intelligence, information security, computer graphics, and software engineering. It is designed to give students a thorough knowledge of the field and to provide an enduring foundation for future professional growth. The program blends theory and practice into a learning experience that develops skills applicable to complex real-world problems. An optional concentration in Information Security is available.

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
- Database Analyst/Administrator
- Network Administrator
- PC Applications Specialist
- Systems Analyst/Programmer
- Telecommunications Specialist
Core courses and electives are listed below. Students must take all ten core courses and two electives. If the thesis option is elected, student must take all ten core courses plus six thesis credits. Students who wish to take an additional elective must request approval from the program office prior to registration. Plans for the thesis option must be made with and approved by the program office.

**Core Courses** (three credits each)

- CISC 610  Programming Languages
- MMIS 625  Introduction to Computer Graphics
- MCIS 630  Database Systems
- CISC 640  Operating Systems
- CISC 650  Computer Networks
- MCIS 665  Web Services
- CISC 670  Artificial Intelligence
- MMIS 671  Decision Support Systems
- CISC 680  Software Engineering
- CISC 685  Interaction Design

**Electives** (three credits each)

- MMIS 623  Information Privacy and Ethics
- MCIS 652  Information Security
- MMIS 654  Electronic Commerce on the Internet
- MMIS 681  Multimedia Systems
- MCIS 683  Secure Computer Systems
- MCIS 684  Applied Cryptography
- MCIS 685  Database Security
- MCIS 686  Advanced Network Security
- MCIS 687  Information Security Project
- MCIS 691  Special Topics in Computer Information Systems

**Concentration in Information Security** (42 total credits, three credits each, required courses)

- CISC 610  Programming Languages
- MCIS 630  Database Systems
- CISC 640  Operating Systems
- CISC 650  Computer Networks
- MCIS 665  Web Services
- CISC 670  Artificial Intelligence
- MMIS 671  Decision Support Systems
- CISC 680  Software Engineering
- CISC 685  Interaction Design
- MCIS 683  Secure Computer Systems
- MCIS 684  Applied Cryptography
- MCIS 685  Database Security
- MCIS 686  Advanced Network Security
- MCIS 687  Information Security Project

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**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, programs, 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.

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**For further information**

- Visit the Office of Admissions online at www.scis.nova.edu or email scisinfo@nova.edu.
- Call the Office of Admissions at 954-262-2001 or 800-986-2247, ext. 22001
- Visit our campus at 3301 College Avenue, Fort Lauderdale, FL 33314
- Apply Online at www.scis.nova.edu/applyonline