About the Major
The computer information systems program combines traditional and online instruction to give professionals the opportunity to pursue graduate study while continuing to work in their current positions. The program is especially well suited to information technology professionals in business, government, industry, or education who are involved with research, design, implementation, management, evaluation, utilization, or teaching of computer information systems. It provides technology-oriented professionals with the knowledge and ability to develop creative solutions to substantive real-world problems.

Program Format
The school offers a unique Ph.D. program, called the cluster format, that includes a blend of on-campus and online activities. Students taking courses attend four cluster sessions per year, held quarterly over an extended weekend (Friday, Saturday, and half-day Sunday) at the university. Between sessions, students work on course assignments and research, and participate in online activities that facilitate frequent interaction with the faculty and with other students.

Career Opportunities
• College/University Faculty
• Information Systems Director
• Knowledge Engineer
• Research & Development
• Software Engineer
THE CURRICULUM - 64 TOTAL CREDITS

The program requires at least 64 credit hours, of which 40 are for courses and 24 are for the dissertation.

Core Courses (four credits each; select eight)
CISD 740  Data Communications and Computer Networking
Either
DCIS 750 Database Systems
Or
CISD 750 Database Management Systems
CISD 760  Artificial Intelligence
CISD 770  Software Engineering
CISD 794  Knowledge Discovery in Databases
DCIS 720  Human-Computer Interaction
DCIS 730  Network Security and Cryptography
DCIS 735  Knowledge Management
DCIS 791  Distributed Systems
DISS 710  Decision Support Systems

Research Registrations
Students are required to complete two sections (four credits each) of DCIS 898, Directed Research, before entering candidacy. Students must register for the course with a particular faculty member as directed in the course description. Students are advised to register for the two sections of Directed Research in sequence, not in parallel. Students are further advised to wait for the second year of study before registering for Directed Research. Students may repeat Directed Research with the same faculty member only with permission of that faculty member.

Dissertation Registrations
DCIS 910  Dissertation I (12 credits)
DCIS 915  Dissertation II (12 credits)
DCIS 920  Continuing Dissertation (4 credits)

CONCENTRATION IN INFORMATION SECURITY

Core Courses (four credits each)
CISD 770  Software Engineering
DCIS 730  Network Security and Cryptography
Either
DCIS 750 Database Systems
Or
CISD 750 Database Management Systems
DCIS 765  Secure Systems Analysis and Design
DISS 775  Privacy
DCIS 791  Distributed Systems

Elective Core Courses (four credits each; select two)
DISS 710  Decision Support Systems
DCIS 720  Human-Computer Interaction
DCIS 735  Knowledge Management
CISD 740  Data Communications and Computer Networking
CISD 760  Artificial Intelligence
CISD 794  Knowledge Discovery in Databases

Research Registrations
Students are required to complete two sections (four credits each) of DCIS 898, Directed Research, before entering candidacy. Students must register for the course with a particular faculty member as directed in the course description. Students are advised to register for the two sections of Directed Research in sequence, not in parallel. Students are further advised to wait for the second year of study before registering for Directed Research. Students may repeat Directed Research with the same faculty member only with permission of that faculty member.

Dissertation Registrations
DCIS 910  Dissertation I (12 credits)
DCIS 915  Dissertation II (12 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 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