

# Information Systems

## DOCTOR OF PHILOSOPHY



### Program Features

- 64 credit hours
- Unique format offers flexibility to working professionals.
- The security concentration is recognized by the U.S. National Security Agency and the Department of Homeland Security.
- Students receive quality instruction from CEC faculty members—all of whom hold Ph.D. degrees and are experts in their respective fields of research/application.

### Program Formats

- Unique format includes a blend of on-campus and online activities.
- On-campus sessions are held quarterly over an extended weekend at the Fort Lauderdale/Davie Campus.
- Between on-campus sessions, students work on course assignments and research, as well as participate in online activities.

### Career Opportunities

- college/university faculty members
- information systems manager
- information systems security engineer
- research information specialist

**Learn More**  
[cec.nova.edu](http://cec.nova.edu)

## Ph.D. in Information Systems

The Information Systems doctoral (DISS) program is especially well-suited to professionals working in areas such as information system planning, information security, systems analysis and design, project management, information system administration, information science, or software engineering.

The uniquely structured Ph.D. in 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. It provides information technology professionals with the knowledge and ability to develop creative solutions to substantive, real-world problems in information systems. Each student must complete eight courses, two research courses, and a dissertation.

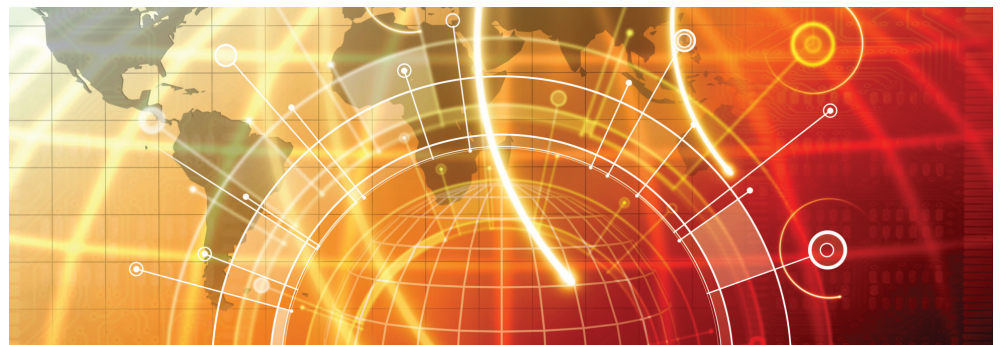
The optional information security concentration is recognized by the U.S. National Security Agency and the Department of Homeland Security.

### Admissions Requirements

- ✓ completed online application for admission ([apply.nova.edu](http://apply.nova.edu))
- ✓ nonrefundable, \$50 application fee
- ✓ conferred master's degree with an appropriate major from a regionally accredited institution
- ✓ sealed official transcripts from all prior institutions
- ✓ overall graduate GPA of 3.25 or greater on a 4.0 scale
- ✓ résumé/curriculum vitae (CV) providing a short account of the applicant's academic background and professional experience.
- ✓ two essays (personal/research)
- ✓ three letters of recommendation

The college may require additional documentation or a phone interview to support the application. An applicant may submit standardized test scores or any additional documentation to strengthen his or her application.

International students should visit [cec.nova.edu/admissions](http://cec.nova.edu/admissions) for additional requirements.



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## Curriculum

Total Credits: 64

The Ph.D. in Information Systems program requires completion of at least 64 credits, 32 of which are for courses, and at least 32 are for research and dissertation. To help students plan their studies, course plans are available for students pursuing both on-campus (full-time) study and the cluster format.

### DEGREE PROGRAM COURSES

#### General Information Systems (two courses; 4 credits each)

Choose two courses.

DISS	720	Human-Computer Interaction
DISS	735	Knowledge Management
DISS	750	Database Systems

#### Research Methods (two courses; 4 credits each)

Choose two courses.

RESD	705	Quantitative Research Methods
RESD	710	Qualitative Research Methods
<b>OR</b>		
RESD	720	Multivariate Research Methodology

#### IS Research Seminar—Core (two courses; 4 credits each)

DISS	725	Information Systems Development
DISS	726	Foundations of Information Systems—Social Perspectives

#### IS Research Seminar—Electives (two courses; 4 credits each)

Choose two courses

DISS	710	Analytics and Business Intelligence
ISEC	755	Information Security Management
ISEC	765	Managing Risk in Secure Systems*
ISEC	775	Information Privacy*

\* Required for students pursuing the concentration in Information Security

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, 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. 08-029-16\_08MCS

## Admissions

3301 College Avenue  
Fort Lauderdale, Florida 33314-7796  
[cec.nova.edu/admissions](http://cec.nova.edu/admissions)  
(954) 262-2005 • 800-986-2247, ext. 22005  
[cecinfo@nova.edu](mailto:cecinfo@nova.edu)

## RESEARCH REGISTRATIONS

Students are required to complete two sections of DISS 898 Directed Research, before entering candidacy.

NOTE: Students beginning fall 2014 or later will instead take two or more sections of DISS 885 Doctoral Research.

Students must register for the course with a particular faculty member as directed in the course description. Directed Research/Doctoral Research registrations must be in sequence, not in parallel. Students are further advised to wait for the second year of study before registering for Directed Research/Doctoral Research.

DISS	885	Doctoral Research (4 credits each)
DISS	898	Directed Research (4 credits each)

### Dissertation Registrations

Students must complete 24 credits of dissertation registrations (three registrations of DISS 901). Students who do not complete the dissertation within 24 credits will register for DISS 920 Continuing Dissertation until the dissertation is complete.

DISS	901	Doctoral Dissertation (8 credits each)
DISS	920	Continuing Dissertation (4 credits each)