

2018

Doctor of Philosophy in Information Assurance

Nova Southeastern University

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Information Assurance

DOCTOR OF PHILOSOPHY

NOVA SOUTHEASTERN
UNIVERSITY

NSU
Florida

Program Features

- You need a minimum of 64 credit hours.
- Unique format offers flexibility to working professionals.
- The information assurance degree 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

- chief information security officer
- college/university faculty member
- information security consultant
- research and development
- vice president of information security

Learn More
cec.nova.edu

Ph.D. in Information Assurance

The Information Assurance doctoral (DIA) program is a comprehensive, multidisciplinary, research program that prepares graduates for key positions in academia; in federal, state, and local government agencies; and in business and industry.

The uniquely structured cluster program combines traditional and online instruction to give professionals the opportunity to pursue graduate study while continuing to work in their current positions. Each student must complete three core courses, two security elective courses, three general elective doctoral courses, and a doctoral research dissertation. The Ph.D. in information assurance degree program is recognized by the U.S. National Security Agency (NSA) and the Department of Homeland Security (DHS).

Admissions Requirements

- online application (apply.nova.edu)
- \$50 application fee (nonrefundable)
- an earned master's degree with a GPA of at least 3.25 from a regionally accredited institution and with an appropriate major
- sealed official transcripts from all institutions attended
- a résumé/curriculum vitae (CV)
- essay
- three letters of recommendation

International students should visit cec.nova.edu/admissions for additional requirements.



Information Assurance

DOCTOR OF PHILOSOPHY

Curriculum | Minimum Credits: 64

DEGREE PROGRAM COURSES

This program consists of both required and elective core courses, totaling 32 credits. Each student must complete three core courses, two security elective courses, three general elective doctoral courses, and a doctoral research dissertation.

Core Courses (4 credits each)

ISEC 700	Research Seminar in Information Assurance
ISEC 730	Network Security and Cryptography
ISEC 755	Security Management

Security Elective Courses

Select two courses.

ISEC 765	Managing Risk in Secure Systems
ISEC 775	Information Privacy
ISEC 740	Secure Systems Analysis and Design
ISEC 750	Information Protection

General Elective Courses (4 credits each)

Select three elective courses.

RESD 705	Quantitative Research Methods
RESD 710	Qualitative Research Methods
RESD 720	Multivariate Research Methodology
DISS 720	Human-Computer Interaction
CISD 730	Operating Systems
DISS 735	Knowledge Management
DISS 750	Database Systems
CISD 750	Database Management Systems
CISD 760	Artificial Intelligence
CISD 770	Software Engineering

* CISD courses require Masters degree in Computer Science or permission from the professor

RESEARCH REGISTRATIONS (4 credits each)

Each student will be required to complete two or more sections of ISEC 885 Doctoral Research.

These courses will be taken at the end of the student's coursework. These directed study courses will enable the student, with the support of a faculty adviser, to identify a viable research topic and conduct preliminary research that will lead to formal candidacy for the student.

ISEC 885	Doctoral Research in Information Assurance
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DISSERTATION REGISTRATIONS

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

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

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, gender, gender identity, military service, veteran status, 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. 08-086-18_06PGA

Admissions

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Fort Lauderdale, Florida 33314-7796
cec.nova.edu/admissions
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cecinfo@nova.edu

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