CYBERSECURITY MANAGEMENT
DOCTOR OF PHILOSOPHY (PH.D.)

NSU Florida

At a Glance

- With the M.S. pathway, earn a Ph.D. degree with a minimum of 51 credits.
  With the B.S. pathway, earn a Ph.D. degree with a minimum of 66 credits.
- Program offers a flexible and unique format for working professionals.

Program Formats

- Unique format includes a blend of on-campus and online activities.

Program Highlights

- The cybersecurity management degree is part of the Center for Information Protection, Education, and Research (CIPhER) that is recognized by the U.S. National Security Agency.
- Receive quality instruction from CCE faculty members—all of whom hold Ph.D. degrees and are experts in their respective fields of research/application.
- Work on course assignments and research, as well as participate in online activities between on-campus sessions.

Future Opportunities

Explore careers, such as

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

Learn More
computing.nova.edu

Grow Your Potential in Cybersecurity Management

Gain a comprehensive and multidisciplinary approach to cybersecurity with NSU's Ph.D. in Cybersecurity Management, a doctoral program that prepares you for key positions in academia, business, government, and industry.

Offered by NSU's CCE, the Ph.D. in Cybersecurity Management is a uniquely structured cluster program that combines traditional and online instruction to give you the opportunity to pursue graduate studies while continuing to work in your current position.

NSU's Ph.D. in Cybersecurity Management is designed for students with a bachelor's or master's degree in cybersecurity management or a closely related field. The M.S. to Ph.D. and B.S. to Ph.D. pathways emphasize both technically intensive and management-focused security courses to provide a comprehensive approach to the study of information security and cybersecurity management.

Get the NSU edge.

Admissions Requirements

- online application (*apply.nova.edu*)
- $50 application fee (nonrefundable)
- an earned bachelor's or master's degree with a GPA of at least 3.20 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

College of Computing and Engineering (CCE)

CYBERSECURITY MANAGEMENT

DOCTOR OF PHILOSOPHY (PH.D.)

2022–2023 Curriculum | Minimum Credits: 51 Credits (M.S. to Ph.D.) | 66 Credits (B.S. to Ph.D.)

The Ph.D. in Cybersecurity Management program has two curriculum pathways.

M.S. TO PH.D. CURRICULUM

Required Core Courses

Each student must complete 5 core courses (3 credits each, for a total of 15 credits).

ISEC	635	Information Systems Operations Management
ISEC	655	Information Security Governance
ISEC	675	Information System Auditing
ISEC	700	Research Seminar in Cybersecurity Management
RESD	700	Research Methods

Students must substitute an elective for any of the following core courses for which they have passed an M.S. course equivalent from a National Center of Academic Excellence in Cybersecurity within the past five years.

MMIS	621	Information Systems Project Management
MMIS	623	Ethics in Computing
MSIT	630	Database Systems
MMIS	636	Computer-Supported Cooperative Work
MMIS	642	Data Warehousing
MMIS	643	Data Mining
MMIS	644	UX Strategy for Social Media
MMIS	653	Telecommunication and Computer Networking
MMIS	671	Data Analytics
MMIS	680	Human Computer Interaction
CISC	685	Interaction Design
MMIS	690	Special Topics in Information Systems
MMIS	692	Data Analytics Project
ISEC	615	Fundamentals of Cybersecurity
ISEC	695	Information Security Project

B.S. TO PH.D. CURRICULUM

Required Core Courses

Each student must complete 10 core courses (3 credits each, total 30 credits).

MMIS	621	Information Systems Project Management
MMIS	623	Ethics in Computing
MSIT	630	Database Systems
MMIS	653	Telecommunication and Computer Networking
MMIS	680	Human Computer Interaction
ISEC	615	Fundamentals of Cybersecurity
ISEC	635	Information Security Operations Management
ISEC	675	Information System Auditing
ISEC	700	Research Seminar in Cybersecurity Management
RESD	700	Research Methods

DOCTORAL RESEARCH COURSE (4 credits each)

In both pathways, each student will be required to complete at least three doctoral research courses 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

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 student catalog that are in effect when the student enters the program.

Admissions

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