

INFORMATION TECHNOLOGY, MS

Campus: Online

As the Internet continues to impact business and society globally, the demand for professionals with the ability to understand, develop, and apply Internet technology will continue to grow. A 30 credit Pace Master of Science in Information Technology online degree (<https://online.pace.edu/graduate-programs/ms-information-technology/>) gives you the skills and knowledge to lead businesses as they face dynamic challenges.

A highly accessible and supportive faculty enthusiastically share their expertise with you in Java Enterprise Edition technology, Web server technology, e-commerce technology, cyber/Web security, and many other areas.

After fulfilling core requirements, you will embark on a curriculum that requires a concentration in Cybersecurity, and then complete a 3-credit capstone project.

Entering students need not hold an undergraduate degree in a computer-related discipline or have experience in the concentration. You will complete your degree completely online.

Code	Title	Credits
Core Requirements (9 Credits)		
<i>Required:</i>		
IS 612	Introduction to Coding	3
IT 603	Overview of Information Security	3
Select 2 from the following courses:		
IT 605	Database Management Systems	3
IT 607	Systems Development and Project Management	3
IT 610	Web Development with Contents Management Systems	3
Total Credits		15

Concentrations

Cyber Security Concentration (12 Credits)

Code	Title	Credits
Required Course		
IT 603	Overview of Information Security	3
Concentration Courses		
IT 660	Network Security	3
IT 662	Web and Internet Security	3
IT 664	Computer and Internet Forensics	3
IT 666	Information Security Management	3
IT 670	Mobile Forensics Investigation	3

Electives

Students should consult with their Academic Advisor when choosing individual courses from the current academic schedule to fulfill elective credits. Courses can be chosen provided the prerequisites are met.

Capstone Project

IT 691	Capstone Project	3
--------	------------------	---

- Students may take IT electives or any Seidenberg graduate course or graduate Lubin MBA/MGT/MAR course for which they have completed any prerequisite course and obtained the department chair's approval.

Network Administration Concentration (12 Credits)

Code	Title	Credits
IS 650	Telecommunications Management	3
IS 656	Networks: Routing & Switching	0-3
IT 640	Introduction to Cloud Computing Technology	3
IT 660	Network Security	3