

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

## Concentrations

### Cyber Security Concentration (12 Credits)

Code	Title	Credits
<b>Required Course</b>		
IT 603	Overview of Information Security	3
<b>Concentration Courses</b>		
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
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- 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