

# INFORMATION TECHNOLOGY MANAGEMENT, MASTER OF SCIENCE

The MS in Information Technology Management is designed for information technology and business professionals who want to combine their managerial skills and technical acumen to advance into a leadership role in the application of computing technologies. Students will acquire: a core set of technology and management knowledge; broad business and real world perspective; communication, interpersonal, and team skills; analytical and critical thinking skills; and the ability to integrate technology, business processes and people to leverage the use of computing technologies to solve critical needs of a business or organization.

The School of Professional Advancement awards the MS in Information Technology Management degree following the successful completion of 10 graduate courses comprised of seven core courses and 3 electives.

## Requirements

Please note: any Cybersecurity Management MS course is available as an elective to Information Technology Management students.

Course ID	Title	Credits
CPST 7150	The Business of IT	3
CPST 7200	Enterprise Application Arch	3
CPST 7600	Enterprise Infrastructure Arch	3
CPST 7900	Sec & Cyber Threats - IT Mgrs	3
CPST 7000	IT Governance and Policy	3
CPST 7800	Cyber Law and Policy	3
CPST 6501	IT Project Management	3
CPST 7100	Managing the IT Department	3
<b>Electives (choose 2):</b>		<b>6</b>
CPST 6320	Business Intelligence	
CPST 6500	Systems Req Dev and Test	
CPST 7250	SW Development Methods	
CPST 7850	Leading Transformational Change in IT	
ESSC 6001	Introduction to Emergency Management	
ESSC 6006	Intel Analysis and Critical Thinking	
ESSC 6013	Business Continuity	
ESSC 6018	Approaches to Counter Terrorism	
ESSC 7001	Cyber Threats and Homeland Security	
Any CSMT Course		
<b>Total Credit Hours</b>		<b>30</b>

## Homeland Security Concentration

Course ID	Title	Credits
CPST 7800	Cyber Law and Policy	3
ESSC 6006	Intel Analysis and Critical Thinking	3
ESSC 6018	Approaches to Counter Terrorism	3
<b>Total Credit Hours</b>		<b>9</b>

## Emergency Operations Concentration

Course ID	Title	Credits
CPST 7900	Sec & Cyber Threats - IT Mgrs	3
ESSC 6001	Introduction to Emergency Management	3
ESSC 6013	Business Continuity	3
<b>Total Credit Hours</b>		<b>9</b>

**Cybersecurity Concentration**

<b>Course ID</b>	<b>Title</b>	<b>Credits</b>
CSMT 7700	Cyber Network & Tele Security	3
CSMT 7870	Cyber Incident Res & Forensics	3
CPST 7900	Sec & Cyber Threats - IT Mgrs	3
<b>Total Credit Hours</b>		<b>9</b>