

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY AND MANAGEMENT

Master of Science in Information Technology and Management (Thesis Option)

Code	Title	Credit Hours
Core Courses		(9)
Select a minimum of three credit hours from Software Development:		3
ITMD 510	Object-Oriented App Develop	3
ITMD 512	Structured/Systems Programming	3
ITMD 513	Open Source Programming	3
ITMD 515	Advanced Software Programming	3
Select a minimum of three credit hours from System Technologies:		3
ITMD 553	Enterprise Intelligent Device	3
ITMD 554	Mass-Market Intelligent Device	3
ITMD 555	Open-Source Intelligent Device	3
ITMD 565	Rich Internet Applications	3
ITMD 566	Service-Oriented Architectures	3
ITMO 533	Enterprise Server Admin	3
ITMO 540	Intro Data Networks & Internet	3
ITMO 553	Open Source System Admin	3
ITMO 554	Operating Sys Virtualization	3
ITMO 556	Intro to Open Source Software	3
ITMS 548	Cyber Security Technologies	3
ITMS 558	Operating Systems Security	3
ITMT 535	Data Center Architecture	3
ITMT 593	Embedded Systems	3
Select a minimum of three credit hours from Business Development:		3
ITMD 511	Application Dev Methodologies	3
ITMD 532	UML-Based Software Development	3
ITMD 534	Human/Computer Interaction	3
ITMD 535	Human-Computer Interaction Des	3
ITMM 537	Vendor Mgmt/Service Lvl Agrmts	3
ITMM 570	Fund of Mgmt for Tech Prof	3
ITMM 571	Project Management for ITM	3
ITMM 574	ITM Frameworks	3
ITMM 575	Networking/Telecom Management	3
ITMM 581	IT Entrepreneurship	3
ITMM 582	Business Innovation	3
ITMS 578	Cyber Security Mgmt	3
ITMT 531	OO Syst Anlys Mod & Des	3
Research Course		(5-8)
ITMT 591	Independent Study/Research	5-8
Elective Courses		(15-18)
Select 15-18 credit hours from any 500-level ITM, ITMD, ITMM, ITMO, ITMS, ITMT, or TECH courses selected with the student's adviser. ¹		15-18

Minimum degree credits required: 32

¹ Courses from other departments may be selected with adviser approval. Students may select project courses ITMT 594 or ITMT 597 as electives, but a maximum combined total of eight credit hours of ITMT 591, ITMT 594, and ITMT 597 may be applied toward the degree requirements.

Master of Science in Information Technology and Management (Master's Project Option)

Code	Title	Credit Hours
Core Courses		(9)
Select a minimum of three credit hours from Software Development:		3
ITMD 510	Object-Oriented App Develop	3
ITMD 512	Structured/Systems Programming	3
ITMD 513	Open Source Programming	3
ITMD 515	Advanced Software Programming	3
Select a minimum of three credit hours from System Technologies:		3
ITMD 553	Enterprise Intelligent Device	3
ITMD 554	Mass-Market Intelligent Device	3
ITMD 555	Open-Source Intelligent Device	3
ITMD 565	Rich Internet Applications	3
ITMD 566	Service-Oriented Architectures	3
ITMO 533	Enterprise Server Admin	3
ITMO 540	Intro Data Networks & Internet	3
ITMO 553	Open Source System Admin	3
ITMO 554	Operating Sys Virtualization	3
ITMO 556	Intro to Open Source Software	3
ITMS 548	Cyber Security Technologies	3
ITMS 558	Operating Systems Security	3
ITMT 535	Data Center Architecture	3
ITMT 593	Embedded Systems	3
Select a minimum of three credit hours from Business Development:		3
ITMD 511	Application Dev Methodologies	3
ITMD 532	UML-Based Software Development	3
ITMD 534	Human/Computer Interaction	3
ITMD 535	Human-Computer Interaction Des	3
ITMM 537	Vendor Mgmt/Service Lvl Agrmts	3
ITMM 570	Fund of Mgmt for Tech Prof	3
ITMM 571	Project Management for ITM	3
ITMM 574	ITM Frameworks	3
ITMM 575	Networking/Telecom Management	3
ITMM 581	IT Entrepreneurship	3
ITMM 582	Business Innovation	3
ITMS 578	Cyber Security Mgmt	3
ITMT 531	OO Syst Anlys Mod & Des	3
Research Course		(5-8)
ITMT 594	Special Projects in IT	5-8
or ITMT 597	Special Problem in IT	
Elective Courses		(15-18)
Select 15-18 credit hours from any 500-level ITM, ITMD, ITMM, ITMO, ITMS, ITMT, or TECH courses selected with the student's adviser. ¹		15-18

Minimum degree credits required: 32

¹ Courses from other departments may be selected with adviser approval.