Minors in Information Technology & Management

Cyber Security Foundations
This minor prepares students to enter the Master of Cyber Forensics and Security graduate degree

ITM 301 Introduction to Contemporary Operating Systems & Hardware I
ITM 311 Introduction to Software Development
ITMD 411 Intermediate Software Development
ITMD 421 Data Modeling and Applications
ITMO 440 Introduction to Data Networks and the Internet

Information Technology & Management
ITM 301 Introduction to Contemporary Operating Systems and Hardware I
ITMM 471 Project Management for IT Management

and any three of the following:
ITMD 361 Fundamentals of Web Development
ITMD 411 Intermediate Object-Oriented Programming
ITMD 421 Data Modeling and Applications
ITMO 440 Introduction to Data Networks & the Internet
ITMO 456 Introduction to Open Source Operating Systems

Information Technology Foundations
This minor prepares students to enter the Master of Information Technology and Management graduate degree

ITM 301 Introduction to Contemporary Operating Systems & Hardware I
ITM 311 Introduction to Software Development
ITMD 361 Fundamentals of Web Development
ITMD 421 Data Modeling and Applications
AND any 400-level ITM elective

Information Security
ITMD 421 Data Modeling and Applications
ITMS 428 Database Security
ITMO 440 Introduction to Data Networks & the Internet
ITMS 448 Cyber Security Technologies
ITMS 478 Cyber Security Management

Information System Administration
ITM 301 Introduction to Contemporary Operating Systems & Hardware I
ITMO 440 Introduction to Data Networks and the Internet
ITMO 456 Introduction to Open Source Operating Systems

and any two of the following:
ITMO 417 Shell Scripting for System Administrators
ITMO 433 Enterprise Server Administration
ITMO 450 Enterprise End-User System Administration
ITMO 444 Cloud Computing Technologies
ITMO 453 Open Source Server Administration
ITMO 454 Operating System Virtualization
ITMS 458 Operating System Security

Information System Network Management
ITMO 440 Introduction to Data Networks & the Internet
ITMO 441 Network Applications and Operations
ITMS 448 Cyber Security Technologies
ITMM 471 Project Management for IT Management

and one of the following:
ITMD 361 Fundamentals of Web Development
ITMO 444 Cloud Computing Technologies
ITMO 456 Introduction to Open Source Operating Systems

Internet Application Development
ITM 311 Introduction to Object-Oriented Programming
ITMD 361 Fundamentals of Web Development
ITMD 411 Intermediate Object-Oriented Programming
ITMD 462 Web Site Application Development

and one of the following:
ITMD 415 Advanced Software Development
ITMD 463 Intermediate Web Application Development
ITMD 465 Rich Internet Applications
ITMD 466 Web Services and Service-Oriented Architectures
ITMD 469 Topics in Application Development
TECH 465 Introduction to Social Commerce