

Master of Science in Computer Science Security of Computer Systems & Networks Non-Thesis Track	
FOUNDATION REQUIREMENTS: 15 Credits*	Credits
CS501B: Program Development	3.0
CS502: Theoretical Foundations of Computer Science	3.0
CS503: Data Structures and Algorithms	3.0
CS505: Operating Systems Concepts	3.0
CS509: Advanced Object-Oriented Programming and Design	3.0
PROGRAM REQUIREMENTS: 30 Credits	Credits
CS512: Algorithm Design	3.0
CS514: Networks	3.0
CS517: Database Design and Management	3.0
CS518: Fundamentals of Computer Security and Cryptography	3.0
CS520: Introduction to Intelligent Systems	3.0
CS628: Security of e-Systems & Networks	3.0
CS635: Wireless Network Systems and Security	3.0
Choose: 6 credits from CS511 or higher	6.0
Choose 3 Credits from the Following Courses:	3.0
CS-525: Simulation	
CS-526: Performance Evaluation	
CS-528: Database and Transactions Security	
CS-533: Database System Implementation	
CS-535: Telecommunications	
CS-537: Client-Server Interfaces	
CS-550: Computer System Architecture	
CS-551: Parallel Processing	
TOTAL CREDITS FOR THE MASTER OF SCIENCE IN COMPUTER SCIENCE - SECURITY OF COMPUTER SYSTEMS & NETWORKS NON-THESIS TRACK = 45.0	

***Up to 15 credits may be waived upon evaluation of prior academic preparation**