

Master of Science in Computer Science Security of Computer Systems & Networks - ThesisTrack	
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 and Networks	3.0
Choose 3 credits from among: CS525, CS526, CS528, CS533, CS537, CS550, CS551, or CS635	3.0
Choose: 3 credits from CS511 or higher	3.0
CS691: Computer Science Thesis I	3.0
CS692: Computer Science Thesis II	3.0

**TOTAL CREDITS FOR THE MASTER OF SCIENCE IN COMPUTER SCIENCE -
SECURITY OF COMPUTER SYSTEMS & NETWORKS - THESIS TRACK = 45.0**

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