

Master of Science in Computer Science Computer Networks Non-Thesis Track	
FOUNDATION REQUIREMENTS: 15 Credits*	Credits
CS-501B: Program Development	3.0
CS-502: Theoretical Foundations of Computer Science	3.0
CS-503: Data Structures and Algorithms	3.0
CS-505: Operating Systems Concepts	3.0
CS-509: Advanced Object-Oriented Programming and Design	3.0
PROGRAM REQUIREMENTS: 30 Credits	Credits
CS-512: Algorithm Design	3.0
CS-514: Networks	3.0
CS-517: Database Design and Management	3.0
CS-520: Introduction to Intelligent Systems	3.0
CS-535: Telecommunications	3.0
CS-635: Wireless Network Systems and Security	3.0
CS-525: Simulation	3.0
Take 3 Credits from the Following Courses: 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 CS-628: Security of E-Systems and Networks	3.0
Guided Electives: Take 6 credits from CS-511 or higher with at least 3 credits at the 600 level	6.0

Total Credits for Master of Science in Computer Science Computer Networks Non-Thesis Track = 45.0

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