Master of Science in Computer Science Computer Networks - 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
Take 3 Credits from the Following Courses: CS-518: Fundamentals of Computer Security and Cryptography CS-525: Simulation CS-526: Performance Evaluation CS-528: Database and Transactions Security CS-537: Client-Server Interfaces CS-550: Computer System Architecture CS-551: Parallel Processing CS-628: Security of E-Systems and Networks	3.0
Electives: Take 3 credits from CS-511 or higher	3.0
CS-691: Computer Science Thesis I	3.0
CS-692: Computer Science Thesis II	3.0

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

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

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