

**Master of Science in Computer Science Security of Computer Systems & Networks
Non-Thesis Track**

FOUNDATION REQUIREMENTS: 12 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

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-518: Fundamentals of Computer Security and Cryptography	3.0
CS-520: Introduction to Intelligent Systems	3.0
CS-611: Secure Web Services Design	3.0
Guided Electives: Take 12 credits Designated with Course*type CISEL	12.0

**Total Credits for Master of Science in Computer Science Security of Computer Systems & Networks
Non-Thesis Track = 42.0**

*Up to 12 credits may be waived upon evaluation of prior academic preparation