

**Master of Science in Computer Science Security of Computer Systems & Networks
- 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 Elective:		6.0
Take 6 credits Designated with Course*Type CISEL		
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 Security of Computer Systems & Networks
- Thesis Track = 42.0**

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