

**Master of Science in Computer Science Databases and Intelligent Information Systems
- 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
Take 6 Credits from the Following Courses:	6.0
CS-521: Artificial Intelligence	
CS-523: Networked Information Systems	
CS-529: Web Services and .NET	
CS-530: Knowledge-Based Systems	
CS-531: Intelligent Interfaces	
CS-533: Database System Implementation	
CS-618: Data Mining	
CS-625: Internet Crawler	
Electives:	6.0
Take 6 credits from CS-511 or higher	
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 Databases and Intelligent Information Systems
- Thesis Track = 45.0**

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