M.S. IN INFORMATION SYSTEMS, MANAGEMENT TRACK, THESIS TRACK (IS.M.TT.MS)

Code	Title	Credits
Foundation Requirements (6 credits) [1]		
BA-513	MBA Accounting	1.5
BA-514	Managerial Accounting	1.5
BE-511	Microeconomics	1.5
BE-512	Macroeconomics	1.5
Program Requirements (30 credits)		
CS-501A	Computer Programming Essentials	3
SE-505	Principles of Software Engineering	1.5
SE-511	Object-Oriented Analysis	1.5
MIS-623	Management Information Systems	3
MIS-565	Software System Requirements	3
MIS-525	Information System Architecture	3
MIS-550	Software Project Management	3
Select two of the following:		6
BK-520	Foundations of Marketing Management	
BL-631	Legal Environment of Business	
BM-635	Human Resource and Organizational Development	
CS-518	Fundamentals of Computer Security and Cryptography	
CS-628	Security of E-Systems and Networks	
MIS-551	Software Organization Management	
SE-602	Technology Assessment	
SE-603	MOST Implementation	
SE-615	Usability Engineering/Human-Computer Interaction	
MIS-514	Networks	
MIS-575	Software Verification, Validation and Maintenance	
MIS-691	Management Information System Thesis I	3
MIS-692	Management Information System Thesis II	3
Total Credits		**36**

[1] *Up to 6 credits may be waived upon evaluation of prior academic preparation*

Admission Requirements

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 GPA in the major. Candidates should have an undergraduate degree in computer science, software engineering, information technology, information science, or business administration or majored in a field that requires a substantial component of software development and/or business administration.

2. Applicants to the Technology track must have completed courses equivalent to Program Development I and II, Introduction to Management, Principles of Software Engineering, and Data Structures and Algorithms.

3. Applicants to the Management track must have completed courses equivalent to Managerial Accounting, Financial Accounting, and Microeconomics and Macroeconomics.

4. Applicants who have not completed one or more of these courses will be evaluated on a case by case basis. They may be required to complete foundation courses.