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## Master of Science in Information Technology and Management

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### Degree Requirements

The University's general degree requirements are discussed [here](#).

The M.S. degree in ITM requires a minimum of 36 credit hours, consisting of basic business courses, IT foundation courses, area concentration courses, and electives. The business core courses are designed to provide incoming students with the context to better appreciate and understand the complex issues that occur at the interface between IT and business. The IT foundation courses cover the essentials of IT knowledge that any student must possess before branching out into one of the three concentrations. The concentrations provide in-depth knowledge of the technology and technology management issues in each area. In addition, students may choose approved electives that maximize their individual educational and professional goals.

Students must maintain a 3.0 grade point average in both core courses and in aggregate courses to qualify for the M.S. degree.

#### **Basic Business Core Courses (minimum of 9 credit hours from the following courses)**

AIM 6201 Financial Accounting  
AIM 6202 Managerial Accounting  
FIN 6301 Financial Management  
MECO 6303 Business Economics  
MKT 6301 Marketing Management  
OPRE 6301 Quantitative Introduction to Risk and Uncertainty in Business  
OPRE 6302 Operations Management  
OB 6301 Organizational Behavior

#### **IT Foundation Courses (12 credit hours)**

MIS 6316 Telecommunications  
MIS 6323 Object Oriented Systems  
MIS 6326 Database Management Systems  
MIS 6308 Systems Analysis and Project Management

#### **(I) Information Technology Management and Consulting Concentration (9 credit hours)**

MIS 6360 Software Engineering Economics  
MIS 6319 Enterprise Resource Computing  
MIS 6358 Distributed Computing Architectures and Middleware Technologies

#### **(II) E-Business Information Technology Concentration (9 credit hours)**

MIS 6355 Information Technologies for E-Business

MIS 6330 Information Technology Security and Audit  
MIS 6302 Strategic Impact of Information Technology

**(III) Telecommunications Management Concentration (9 credit hours)**

MIS 6325 Advanced Telecommunications  
MIS 6327 Analysis and Design of Telecommunication Networks  
MIS 6329 Contemporary Issues in Telecommunications

**Approved Electives (6 credit hours)**

A list of approved electives is available from Advising. Any course from another concentration area in the ITM degree may be used as an approved elective. Also any course from the set of business background courses may be used as an approved elective.