**Master of Science in Information Technology and Management**

**Degree Requirements**

The University’s general degree requirements are discussed [here](http://www.utdallas.edu/dept/graddean/CAT2010/FIRST40/degree_prg_policies.htm).

The M.S. degree in ITM requires a minimum of 36 credit hours, consisting of basic business courses, IT foundation courses, IT elective courses, and free 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.  The IT elective courses provide in-depth knowledge of the technology and technology management issues.  In addition, students may choose approved electives that maximize their individual educational and professional goals. The program also offers opportunities for students to concentrate in specific tracks such as ‘*Enterprise Systems*’, ‘*Healthcare Systems*’, and ‘*Information Security*’ depending on their interests and goals. The students can contact the advising office for the recommended courses for these tracks.

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)**

AIM 6305 Accounting for Managers  
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 Data Communications   
MIS 6323 Object Oriented Systems   
MIS 6326 Database Management Systems   
MIS 6308 Systems Analysis and Project Management

**IT Electives Choose 9 hours from the list of courses that have an MIS prefix, excluding MIS 6204.**

MIS 6302 Information Technology Strategy and Management   
MIS 6309 Business Data Warehousing  
MIS 6314 Systems Re-Engineering  
MIS 6317 Healthcare Informatics  
MIS 6318 Electronic Commerce  
MIS 6319 Enterprise Resource Planning   
  
MIS 6324 Business Intelligence Software and Techniques  
MIS 6325 Advanced Telecommunications  
MIS 6327 Analysis and Design of Telecommunication Networks  
MIS 6329 Contemporary Issues in Telecommunications  
MIS 6330 Information Technology Security   
MIS 6332 Advanced ERP: Sales and Distribution  
MIS 6334 Advanced Business Intelligence

MIS 6344 Web Analytics  
MIS 6352 Web Systems Design and Development  
MIS 6355 Information Technology for E-Business

MIS 6360 Software Project Management

MIS 6362 Web Services and Service Oriented Architecture  
MIS 6363 Cloud Computing

MIS 6369 Supply Chain Software

MIS 6372 Managing Outsourced IT-Enabled Services  
MIS 6378 (AIM 6378) Enterprise Systems and CRM  
MIS 6379 SAP ABAP Programming

**Free Electives (6 credit hours)**

Any course from the set of IT electives may be used as a free elective.  Also any course from the set of business core courses, or any other graduate level business course, except MIS 6204, may be used as a free elective.