Bachelor of Science in Management Information Systems

Degree Requirements (120 hours)

I. Core Curriculum Requirements\(^1\): 42 hours

**Communication (6 hours)**
- 3 hours Communication (RHET 1302)
- 3 hours Communication Elective (BCOM 3311)

**Social and Behavioral Sciences (15 hours)**
- 6 hours Government (GOVT 2301 and 2302)
- 6 hours American History
- 3 hours Social and Behavioral Science Elective (ECON 2301)

**Humanities and Fine Arts (6 hours)**
- 3 hours Fine Arts (ARTS 1301)
- 3 hours Humanities (HUMA 1301)

**Mathematics and Quantitative Reasoning: (6 hours)**
- 6 hours Calculus (MATH 1325 and 1326)

**Science (9 hours including at least one course with a substantial laboratory component)**

II. Major Requirements: 64 hours

**Major Preparatory Courses (18 hours)**
- ACCT 2301\(^2\) Introductory Financial Accounting
- ACCT 2302\(^2\) Introductory Management Accounting
- BLAW 2301\(^2\) Business and Public Law
- ECON 2301\(^2\) Principles of Macroeconomics\(^3\)
- ECON 2302\(^2\) Principles of Microeconomics
- MATH 1325\(^2\) Applied Calculus I\(^3, 4\)
- MATH 1326\(^2\) Applied Calculus II\(^3, 4\)
- OPRE 3333\(^2\) Quantitative Business Analysis

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1. UT Dallas 2012 Undergraduate Catalog
2. Acronyms used in the catalog have not been expanded here for clarity.
3. Certain courses have prerequisites which are not detailed in the text.
4. Some courses have co-requisites or specific requirements that are not listed.

or **MATH 2333** Matrices, Vectors, and Their Application

**STAT 3360** Probability and Statistics for Management and Economics

or **OPRE 3360** Managerial Decision Making under Uncertainty

**Major Core Courses (25 hours)**

- **MIS 3100** Professional Development
- **BCOM 3311** Business Communications
- **BCOM 4350** Advanced Business Communications
- **FIN 3320** Business Finance
- **MIS 3300** Introduction to Management Information Systems
- **OPRE 3310** Operations Management
- **OBHR 3310** Organizational Behavior
- **MKT 3300** Principles of Marketing
- **BPS 4305** Strategic Management
- **IMS 3310** International Business

**Major Related Courses (6 hours)**

- **MIS 4300** Database Fundamentals
- **MIS 4330** Systems Analysis and Design

**Guided Electives (15 hours)**

Three hours to be selected from

- **MIS 4310**, **MIS 4311**, **MIS 4312**.

Twelve hours to be selected from


**III. Elective Requirements: 14 hours**

**Advanced Electives (6 hours)**

All students are required to take at least six hours of advanced electives outside their major field of study. These must be either upper-division classes or lower-division classes that have prerequisites. Six hours may be satisfied with **OPRE 3333/MATH 2333** and **OPRE 3360/STAT 3360** counted under Major Preparatory courses.

**Free Electives (14 hours)**

Both lower- and upper-division courses may count as electives but students must
complete at least 51 hours of upper-division credit to qualify for graduation. JSOM freshman are required to take **BA 1100** Business Basics.

1. Curriculum Requirements can be fulfilled by other approved courses from accredited institutions of higher education. The courses listed in parentheses are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at UT Dallas.

2. Indicates a prerequisite class to be completed before enrolling for upper-division classes.

3. A required Major course that also fulfills a Core Curriculum requirement. Hours are counted in Core Curriculum.

4. Students may elect to substitute MATH 2413 and MATH 2414 or MATH 2417 and 2419.

5. Students may substitute MATH 2418 or CS 2305.