Bachelor of Science in Information Technology and Systems

Degree Requirements (120 semester credit hours)

I. Core Curriculum Requirements: 42 semester credit hours

Communication: 6 semester credit hours

- **COMM 1311** Survey of Oral and Technology-based Communication
- **RHET 1302** Rhetoric

Mathematics: 3 semester credit hours

- **MATH 1325** Applied Calculus I

Life and Physical Sciences: 6 semester credit hours

- Select any 6 semester credit hours from Life and Physical Sciences core courses (see advisor and degree requirements)

Language, Philosophy and Culture: 3 semester credit hours

- Select any 3 semester credit hours from Language, Philosophy and Culture core courses (see advisor)

Creative Arts: 3 semester credit hours

- Select any 3 semester credit hours from Creative Arts core courses (see advisor)

American History: 6 semester credit hours

- Select any 6 semester credit hours from American History core courses (see advisor)

Government / Political Science: 6 semester credit hours

- **GOVT 2305** American National Government
- **GOVT 2306** State and Local Government

Social and Behavioral Sciences: 3 semester credit hours

- **ECON 2301** Principles of Macroeconomics
Component Area Option: 6 semester credit hours

- **MATH 1326** Applied Calculus II
- **ECON 2302** Principles of Microeconomics

II. Major Requirements: 70 semester credit hours

**Major Preparatory Courses: 15 semester credit hours**

- **ACCT 2301** Introductory Financial Accounting\(^3\)
- **ACCT 2302** Introductory Management Accounting\(^3\)
- **BLAW 2301** Business and Public Law\(^3\)
- **ECON 2301** Principles of Macroeconomics\(^3\), \(^4\)
- **ECON 2302** Principles of Microeconomics\(^3\), \(^4\)
- **MATH 1325** Applied Calculus I\(^3\), \(^4\), \(^5\)
- **MATH 1326** Applied Calculus II\(^3\), \(^4\), \(^5\)
- **OPRE 3333** Quantitative Business Analysis\(^3\)
  
  or **MATH 2333** Matrices, Vectors, and Their Application\(^3\), \(^6\)

- **STAT 3360** Probability and Statistics for Management and Economics
  
  or **OPRE 3360** Managerial Methods in Decision Making Under Uncertainty

**Major Core Courses: 28 semester credit hours**

- **MIS 3100** Professional Development
- **BCOM 3310** Business Communication
- **BCOM 4350** Advanced Business Communication
- **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: 9 semester credit hours**
MIS 4300 Database Fundamentals
MIS 4330 Systems Analysis and Design
MIS 4390 Information Systems Capstone

Guided Electives: 18 semester credit hours

Three semester credit hours to be selected from:

MIS 4310, MIS 4312

Fifteen semester credit hours to be selected from:

BA 4199, BA 4299, MIS 4310, MIS 4312, MIS 4340, MIS 4342, MIS 4350, MIS 4351, MIS 4352, MIS 4360, MIS 4370, MIS 4V90

III. Elective Requirements: 8 semester credit hours

Free Electives: 8 semester credit hours

Both lower- and upper-division courses may count as electives but students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation.

JSOM freshmen are required to take BA 1100 Business Basics.

Each student is expected to complete a minimum of 160 hours of business-related work to fulfill the JSOM professional practicum requirement.

1. Incoming freshmen must complete and pass UNIV 1010 Freshman Seminar and the corresponding school-related freshman seminar course. Students, including transfer students, who complete their core curriculum at UT Dallas must take UNIV 2020.

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

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

4. A required Major course that also fulfills a Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.

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

6. Students may substitute MATH 2418 or CS 2305.

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