Naveen Jindal School of Management

Bachelor of Science in Information Technology and Systems

Degree Requirements (120 semester credit hours)\(^1\)

I. Core Curriculum Requirements: 42 semester credit hours\(^2\)

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.