Naveen Jindal School of Management

Information Technology and Systems [BS]

Bachelor of Science in Information Technology and Systems

Degree Requirements (120 semester credit hours)

Faculty


Professor Emeritus: Dale Osborne


Clinical Associate Professors: Shawn Alborz, Larry Chasteen, Sonia Leach, Kannan Ramanathan, Carolyn Reichert, Avanti P. Sethi, Kelly Slaughter, James Szot, Mark Thouin, John McClain Watson

Assistant Professors: Mehmet Ayvaci, Emily Choi, Rebecca Files, Bernhard Ganglmair, Dorothée Honhon, Kyle Hyndman, Atanu Lahiri, Sheen Levine, Bin Li, Jun Li, Meng Li, Ningzhong Li, Xiaolin Li, Naim Bugra Ozel, Arzu Ozoguz, Anyan Qi, Alejandro Rivera Mesias, Alessio Saretto, Serdar Simsek, Gonca P. Soysal, Shaojie Tang, Christian Von-Drathen, Malcolm Wardlaw, Han (Victor) Xia, Steven Xiao, Shengqi Ye, Nir Yehuda, Jieying Zhang, Zhe (James) Zhang, Xiaofei Zhao

Clinical Assistant Professors: Athena Alimizraei, Moran Blueshtein, Judd Bradbury, John Gamino, Ayfer Gurun, Maria Hasenhuttl, Julie Haworth, Jeffery (Jeff) Hicks, Kristen Lawson, Vance Lewis, Liping Ma, Ravi Narayan, Dawn Owens, Anastasia V. Shcherbakova, Jeanne Sluder, Nassim Sohaee
Visiting Assistant Professor: Lale Guler

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: 75 semester credit hours

Major Preparatory Courses: 15 semester credit hours beyond Core Curriculum
MATH 1326 Applied Calculus II
MATH 2333 Matrices, Vectors, and Their Application

Major Core Courses: 25 semester credit hours
ITSS 3100 Professional Development
BCOM 3310 Business Communication
BCOM 4350 Advanced Business Communication
FIN 3320 Business Finance
ITSS 3300 Information Technology for Business
OPRE 3310 Operations Management
OBHR 3310 Organizational Behavior
MKT 3300 Principles of Marketing
IMS 3310 International Business

Major Related Courses: 23 semester credit hours
ITSS 3211 Introduction to Programming
ITSS 3312 Object-Oriented Programming
ITSS 4300 Database Fundamentals
ITSS 4330 Systems Analysis and Design

ITSS 4360 Network and Information Security
ITSS 4351 Foundations of Business Intelligence
ITSS 4370 Information Technology Infrastructure Management
ITSS 4390 Information Systems Capstone

Guided Electives: 12 semester credit hours

Choose 12 semester credit hours from the following:

ITSS 4353 Business Analytics
ITSS 4352 Introduction to Web Analytics
ITSS 4354 Managing Big Data
ITSS 4355 Data Visualization
ITSS 4340 Enterprise Resource Planning
ITSS 4353 Business Analytics
ITSS 4343 Integrated SCM Information Systems
ITSS 4342 Analysis and Design of Accounting Systems
ITSS 4V90 ITSS Internship

OR choose Track A or B:

A. Business Intelligence and Analytics Track

ITSS 4353 Business Analytics
ITSS 4352 Introduction to Web Analytics
ITSS 4354 Managing Big Data
ITSS 4355 Data Visualization

B. Enterprise Systems Track

ITSS 4340 Enterprise Resource Planning
ITSS 4353 Business Analytics
ITSS 4343 Integrated SCM Information Systems
ACCT 4342 Analysis and Design of Accounting Systems

III. Elective Requirements: 3 semester credit hours

Free Electives: 3 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 enroll and complete requirements of UNIV 1010 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.