Naveen Jindal School of Management

Information Technology and Systems (BS)

Bachelor of Science in Information Technology and Systems

Degree Requirements (120 semester credit hours)

View an Example of Degree Requirements by Semester

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, McClain Watson

Assistant Professors: Mehmet Ayvacı, Emily Choi, Rebecca Files, Bernhard Ganglmair, Dorothee Honhon, Kyle Hyndman, Atanu Lahiri, Sheen Levine, Bin Li, Jun Li, Meng 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, Steven Xiao, Shengqi Ye, Nir Yehuda, Zhe (James) Zhang, Xiaofei Zhao

Clinical Assistant Professors: Athena Alimirzai, 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.
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: 77 semester credit hours

Major Preparatory Courses: 15 semester credit hours beyond Core Curriculum

- ACCT 2301  Introductory Financial Accounting  
- ACCT 2302  Introductory Management Accounting  
- BLAW 2301  Business and Public Law  
- ECON 2301  Principles of Macroeconomics  
- ECON 2302  Principles of Microeconomics  
- MATH 1325  Applied Calculus I  
- MATH 1326  Applied Calculus II  
- OPRE 3333  Quantitative Business Analysis  
  or MATH 2333  Matrices, Vectors, and Their Application  
- STAT 3360  Probability and Statistics for Management and Economics  
  or OPRE 3360  Managerial Methods in Decision Making Under Uncertainty

Major Core Courses: 26 semester credit hours

- BA 1100  Business Basics and ITSS 3100  Professional Development  
  or ITSS 3200  Introduction to Business Professional Development and Business Communication  
- 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: 24 semester credit hours

- ITSS 3311  Introduction to Programming  
- ITSS 3312  Object-Oriented Programming  
- ITSS 4300  Database Fundamentals
Guided Electives: 12 semester credit hours

A practicum experience is required; the student has the option of zero to 3 semester credit hours, depending on the particular internship, and preference for additional electives.

ITSS 4V90 ITSS Internship
ITSS 4090 Information Technology and Systems Internship

Choose from the following to fulfill remaining Guided Elective semester credit hours: Any ITSS upper level course that is not part of the ITS Core Curriculum may be used as elective credit. This includes ITSS 4V95 Seminar Series in Information Systems.

OR choose Track A or B:

A. Business Intelligence and Analytics Track
   ITSS 4353 Business Analytics
   ITSS 4352 Introduction to Web Analytics
   ITSS 4354 Advanced Big Data Analytics
   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: 1 semester credit hours

Free Electives: 1 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.

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.

7. JSOM freshmen are required to take BA 1100 and ITSS 3100. Transfer students and students new to
JSOM are required to take ITSS 3200.

Updated: 2017-07-11 16:20:45 v9.ed2dc7