# Naveen Jindal School of Management

## Information Technology and Systems (BS)

### Degree Requirements (120 semester credit hours)

Four-Year Degree Plan [Example]

*This is an example only. Please see your advisor to develop your individual plan.*

### Freshman Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>SCH</th>
<th>Spring Semester</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>040 Core Course</td>
<td>3</td>
<td>BA 1320 Business in a Global World</td>
<td>3</td>
</tr>
<tr>
<td>BLAW 2301 Business and Public Law</td>
<td>3</td>
<td>or ECON 2301 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1301 U.S. History Survey to Civil War</td>
<td>3</td>
<td>HIST 1302 United States History Survey from the Civil War</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1325 Applied Calculus I</td>
<td>2</td>
<td>MATH 1326 Applied Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>RHET 1302 Rhetoric</td>
<td>2</td>
<td>OPRE 3333 Quantitative Business Analysis or MATH 2333 Matrices, Vectors, and Their Application</td>
<td>3</td>
</tr>
<tr>
<td>BA 1100 Business Basics</td>
<td>1</td>
<td>ITSS 3311 Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>or ITSS 3200 Introduction to Business Professional Development and Business Communication</td>
<td>0-1</td>
<td>ITSS 3100 Professional Development</td>
<td>0-1</td>
</tr>
<tr>
<td>UNIV 1010 Freshman Seminar</td>
<td>1</td>
<td>16-17</td>
<td>15-16</td>
</tr>
</tbody>
</table>

### Sophomore Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>SCH</th>
<th>Spring Semester</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2301 Introductory Financial Accounting</td>
<td>3</td>
<td>030 Core Course</td>
<td>3</td>
</tr>
<tr>
<td>COMM 1315 Public Speaking</td>
<td>3</td>
<td>ACCT 2302 Introductory Management Accounting</td>
<td>3</td>
</tr>
<tr>
<td>or COMM 1311 Survey of Oral and Technology-based Communication</td>
<td>3</td>
<td>GOVT 2305 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2302 Principles of Microeconomics</td>
<td>3</td>
<td>ITSS 4300 Database Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>ITSS 3300 Information Technology for Business</td>
<td>3</td>
<td>ITSS 4330 Systems Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>ITSS 3312 Object-Oriented Programming</td>
<td>3</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

### Junior Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>SCH</th>
<th>Spring Semester</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>030 Core Life &amp; Physical Sciences</td>
<td>3</td>
<td>BCOM 3310 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>050 Core Course</td>
<td>3</td>
<td>FIN 3320 Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 2306 State and Local Government</td>
<td>3</td>
<td>OBHR 3310 Organizational Behavior or OBHR 3330</td>
<td>3</td>
</tr>
<tr>
<td>OPRE 3360 Managerial Methods in Decision Making Under Uncertainty</td>
<td>3</td>
<td>OPRE 3310 Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>or STAT 3360 Probability and Statistics for Management and Economics</td>
<td>3</td>
<td>Upper Level Guided Elective or ITSS 4V90 ITSS Internship</td>
<td>3</td>
</tr>
<tr>
<td>ITSS 4351 Foundations of Business Intelligence</td>
<td>3</td>
<td>ITSS 4090 Information Technology and Systems Internship</td>
<td>0</td>
</tr>
<tr>
<td>or UNIV 2020 Core Curriculum Assessment</td>
<td>0</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

### Senior Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>SCH</th>
<th>Spring Semester</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCOM 4350 Advanced Business Communications</td>
<td>3</td>
<td>IMS 3310 International Business</td>
<td>3</td>
</tr>
<tr>
<td>MKT 3300 Principles of Marketing</td>
<td>3</td>
<td>ITSS 4370 Information Technology Infrastructure Management</td>
<td>3</td>
</tr>
<tr>
<td>ITSS 4360 Network and Information Security</td>
<td>3</td>
<td>ITSS 4390 Information Systems Capstone or Upper Level Guided Elective</td>
<td>3</td>
</tr>
<tr>
<td>Upper Level Guided Elective</td>
<td>3</td>
<td>10</td>
<td>12</td>
</tr>
<tr>
<td>or ITSS 4090 Information Technology and Systems Internship</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Upper Level Guided Elective\textsuperscript{9,12} or \textit{ENTP 4340} Social Sector Engagement and Community Outreach\textsuperscript{12,13} or \textit{MKT 4360} Social Marketing\textsuperscript{12,13} or \textit{BA 4095} Social Sector Engagement and Community Outreach Practicum\textsuperscript{12,13} Free Elective\textsuperscript{8} 1 3 0 15 13

NOTES:

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.

Curriculum Requirements can be fulfilled by other approved courses from accredited 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.

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

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

- BA 1320 or ECON 2301 fulfills Major Preparatory and 080 Social and Behavioral Science Core Curriculum requirements
- MATH 1326 fulfills Major Preparatory and 090 Component Area Option Core Curriculum requirements
- BA 1310 or ECON 2302 fulfills Major Preparatory and 090 Component Area Option Core Curriculum requirements

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

Students may substitute MATH 2418 or CS 2305.

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

Free Electives: 1 semester credit hours are required for the B.S. in Information Technology and Systems INTS Upper Level Guided Electives: 12 semester credit hours from one of the following options:

1. Business Intelligence and Analytics Track - ITSS 4352, ITSS 4353, ITSS 4355, ITSS 4356
2. Enterprise Systems Track - ITSS 4340, ITSS 4353, ITSS 4343, (ACCT 4342 or ITSS 4342)
3. General Track - Any ITSS upper level course, excluding ITSS 4301 Database Systems, that is not part of the BS INTS major preparatory or major related courses may be used to satisfy the 12 hours of guided elective credit.

Internship (Practicum) required for all JSOM majors. ITSS 4090 Information Technology and Systems Internship for 0 credit hours fulfill degree requirement. ITSS 4V90 ITSS Internship for credit hours (1-3) can apply towards free or guided electives. ITSS 4390 Information Systems Capstone may also be used to satisfy the internship requirement. For more information, visit https://jindal.utdallas.edu/career-management-center/internships.

ITSS 4390 Information Systems Capstone may also be used to satisfy the internship requirement. Students may also choose to take a 3 credit hour internship to satisfy the ITSS 4390 Information Systems Capstone requirement. Community Engagement Experience required for all JSOM majors in fall 2018 catalog or later. Requirement fulfilled by (ENTP 4340 or IMS 4335 Social Sector Entrepreneurship and Community Engagement, or MKT 4360 Social Marketing) for 3-hour upper level guided elective; or BA 4095 Social Sector Engagement and Community Outreach Practicum for 0-hour degree requirement only. For more information, visit https://jindal.utdallas.edu/undergraduate-programs/community-service/.

BA 4095 Social Sector Engagement and Community Outreach Practicum is required, if not completing (ENTP 4340 or IMS 4335 Social Sector Entrepreneurship and Community Engagement, or MKT 4360 Social Marketing) for 3-hour guided elective credit. Will be registered for BA 4095 for 0 hours, in the semester when student completes 100 service hours. For more information, visit https://jindal.utdallas.edu/undergraduate-programs/community-service/.

Be sure to check prerequisites of Level 2 courses

120 semester credit hours required for graduation

This plan is a resource tool only; it does not replace your degree plan or academic advising.

Updated: 2019-10-25 17:00:02 v9.3f5249