TEXAS TECH UNIVERSITY
JERRY S. RAWLS COLLEGE OF BUSINESS ADMINISTRATION

MANAGEMENT INFORMATION SYSTEMS MAJOR

TELECOMMUNICATIONS/NETWORKING TRACK

Upper Division Requirements and Schedule for BBA Degree
120 Hours
Catalog Year 2012-2013; 2013-2014
A minimum 2.75 Tech GPA is required for this major.
A minimum of 60 hours must be earned at Texas Tech University to qualify for graduation with honors.

**Upper Division Core**

18 Hours – Minimum grades of C are required

- **BLAW 3391** Business Law I. Prerequisite: Minimum grade of C in ENGL 1301 and 1302 and minimum 2.75 Tech GPA
- **FIN 3320** Financial Management. Prerequisite: ACCT 2300, 2301, ECO 2301, ECO 2302, MATH 2345 and minimum 2.75 Tech GPA
- **ISQS 3344** Introduction to Production and Operations Management. Prerequisite: ISQS 2340, MATH 2345 and minimum 2.75 Tech GPA
- **MGT 3350** Introduction to Marketing. Prerequisite: ECO 2301 and minimum 2.75 Tech GPA
- **MGT 3370** Organization and Management. Prerequisite: Minimum 2.75 Tech GPA
- **MGT 3373** Managerial Communication. Prerequisite: ISQS 2340 and minimum grade of C in ENGL 1301 and 1302 and minimum 2.75 Tech GPA

**Major Courses**

30 Hours – Minimum grades of C are required

- **ISQS 3346** Internet Programming. Prerequisite: ISQS 2340 with a minimum grade of C
- **ISQS 3348** Database Management Systems. Prerequisite: ISQS 2340 with a minimum grade of C
- **ISQS 3349** Introduction to Data Communication Systems. Prerequisite: ISQS 2340 with minimum grade of C
- **ISQS 3351** Telecommunications Security using Linux. Prerequisite: ISQS 3349 with minimum grade of C (fall only)
- **ISQS 3358** Business Intelligence. Prerequisite: ISQS 3346 and 3348 with a minimum grade of C
- **ISQS 3360** Telecommunications Securities Theory. Prerequisite: ISQS 3349 with a minimum grade of C and concurrent with ISQS 3351 (fall only)
- **ISQS 4348** Systems Analysis. Prerequisite: ISQS 3348; Co-requisite ISQS 4350
- **ISQS 4349** Information Systems Design. Prerequisite: ISQS 4348
- **ISQS 4350** Information Systems Project Management. Co-requisite: ISQS 4348
- **ISQS 4385** Strategic IT and Telecommunications Management. Prerequisite: final semester

*or ISQS 4383 – Joomla or Mobile App Development

**Upper Level Economics or Computer Science Requirement**

3 Hours – Minimum grade of C is required

- **BECO 4310** Applied Business Economics. Prerequisite: ECO 2301 & 2302 with a minimum grade of C

OR any junior/senior level ECO course except ECO 3323 & 4332 will meet this requirement; OR any junior/senior level Computer Science course as approved by the department. Students interested in the Accelerated Program are advised to take an Economics course.

**Restricted Elective**

3 Hours – Minimum grade of C is required

- **ISQS 4382** Internship in Information Systems and Quantitative Sciences

**Non-Business / Non-Economics Electives**

6 Hours or enough to complete the 120-hour requirement – Minimum grades of D are required

Courses can be taken in the Lower Division and are eligible for pass/fail.

**Schedule the above courses as follows:**

All courses are not offered each semester and only a limited number of courses are taught in the summer (due to funding restrictions and available faculty).

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<th>5th Semester</th>
<th>6th Semester</th>
<th>7th Semester</th>
<th>8th Semester</th>
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<tbody>
<tr>
<td>FIN 3320</td>
<td>BLAW 3391</td>
<td>Jr/Sr ECO or CS course – 3 hours</td>
<td>ISQS 4349</td>
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<td>ISQS 3349</td>
<td>ISQS 3344</td>
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<td>ISQS 3346</td>
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<td>ISQS 3358</td>
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<tr>
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<td>MGT 3350</td>
<td>Non BA/non-ECO elective – 3 hours</td>
<td>Non BA/non-ECO elective – 3 hours</td>
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Submit Intent to Graduate

Rev. 08/23/2013