# MANAGEMENT INFORMATION SYSTEMS MAJOR

## WEB APPLICATION DESIGN TRACK

Upper Division Requirements and Schedule for BBA Degree
120 Hours
Catalog Year 2009-2010; 2010-2011; 2011-2012; 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 | **Corporation Finance I.** 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 |
| MKT | 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 | 3345 | **Object Oriented Systems.** Prerequisite: ISQS 3346 with minimum grade of C |
| 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 | 3358* | **Business Intelligence**. Prerequisite: ISQS 3346 and ISQS 3348 with a minimum grade of C |
| 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 | 4361 | **Web Application Design.** Prerequisite: ISQS 3345 and ISQS 3348 |
| 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).

| 5TH SEMESTER | 6TH SEMESTER | 7TH SEMESTER | 8TH SEMESTER |
|---|---|---|---|
| FIN 3320 | BLAW 3391 | Jr/Sr ECO or CS course – 3 hours | ISQS 4349 |
| ISQS 3349 | ISQS 3344 | ISQS 4348 | ISQS 4361 |
| ISQS 3348 | ISQS 3345 | ISQS 4350 | ISQS 4382 |
| ISQS 3346 | ISQS 3358 | MGT 3370 | ISQS 4385 |
| MGT 3373 | MKT 3350 | Non-BA/non-ECO elective – 3 hours | Non-BA/non-ECO elective – 3 hours |
| | **Submit Intent to Graduate** | | |