Texas Tech University
Jerry S. Rawls College of Business

# Information Technology

Upper Division Requirements and Schedule for BBA Degree

Catalog Years 2023-2024

Student Name: _____  GPA: _____  Date: _____

R Number: _____  Graduation Date: _____  Advisor: _____

| Program Requirements | * 120 Hours |
|---|---|
| | * A minimum 2.75 TTU GPA is required to take any business course. |

| **Upper Division Core** | | |
|---|---|---|
| **PCOM 3373^** | **Managerial Communication.** *Prereq: C or better in ENGL 1301 & 1302.* | Upper Division Core |
| **BECO 3310^** | **Applied Business Economics.** *Prereq: C or better in ECO 2305.* | |
| **BLAW 3391^** | **Business Law I.** *Prerequisite: C or better in ENGL 1301 and 1302.* | |
| **FIN 3320^** | **Financial Management.** *Prereq: C or better in ACCT 2300, ACCT 2301, ECO 2305 and MATH 2345.* | |
| **ISQS 3344^** | **Introduction to Production and Operations Management.** *Prereq: C or better in ISQS 2340 and MATH 2345.* | |
| **MGT 3370^** | **Organization and Management.** *Prereq: C or better in MATH 1331.* | |
| **MKT 3350^** | **Introduction to Marketing.** *Prereq: C or better in ECO 2305 and MATH 1331.* | |

| **Major Courses** | | |
|---|---|---|
| **ISQS 3345** | **Analytics and Development with Python.** | IT Core (12 hours) |
| **ISQS 3348^** | **Database Management Systems.** | |
| **ISQS 3358** | **Business Intelligence.** *Prereq: C or better in ISQS 3345 and ISQS 3348. (CL)* | |
| **ISQS 4349** | **Information Systems Analysis and Design.** *Prereq: C or better in ISQS 3345 and ISQS 3348.* | |
| **ISQS 3349** | **Data Communication and System Security.** *Prereq: C or better in ISQS 3345.* | Systems Track  OR  Data Analytics Track |
| **ISQS 3360** | **Information Security.** *Prereq: C or better in ISQS 3345.* | |
| **ISQS 4350^** | **Information Systems Project Management.** *Prereq: C or better in ISQS 4349.* | |
| **ISQS 4351** | **Web Design Implementation.** *Prereq: C or better in ISQS 4349.* | |
| **ISQS 4370** | **Data Mining.** *Prereq: C or better in MATH 2345 and ISQS 3345.* | |
| **ISQS 3352** | **Data Visualization.** *Prereq: C or better in ISQS 3345.* | |
| **ISQS 4371** | **Analytics for Optimal Decision Making.** *Prereq: C or better in ISQS 4370.* | |
| **ISQS 4373** | **Simulation for Business Analytics.** *Prereq: C or better in ISQS 4370.* | |

| **Electives** | | |
|---|---|---|
| **Free Electives** | _____ | 12 hours |
| | _____ | |
| | _____ | |
| | _____ | |

57 hrs.    <u>Additional Notes:</u>  **Courses marked with a ^ are also offered through a Rawls Study Abroad program.**

**Systems Track**    Focuses on knowledge of information systems and technology. Students can gain expertise in analysis and design of information systems, management of information security, and network administration and development.

**Data Analytics Track**    Focuses on utilizing data and analytical tools to assist business decision making. Students will gain expertise in data management, processing and analysis, data mining and advanced modeling.