

Texas Tech University  
Jerry S. Rawls College of Business

## Information Technology

Upper Division Requirements and Schedule for BBA Degree

Catalog Years 2025-2026

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		
<b>BECO 3310<sup>^</sup></b>	<b>Applied Business Economics.</b> <i>Prereq: C or better in ACCT 2300 and ECO 2301.</i>	Upper Division Core (21 hrs)
<b>BLAW 3391<sup>^</sup></b>	<b>Business Law and Ethics.</b> <i>Prerequisite: C or better in ENGL 1301 and 1302.</i>	
<b>FIN 3320<sup>^</sup></b>	<b>Financial Management.</b> <i>Prereq: C or better in ACCT 2300 and ECO 2301. Prereq or Coreq: ACCT 2301 and MATH 2345.</i>	
<b>MGT 3370<sup>^</sup></b>	<b>Managing People and Organizations.</b> <i>Prereq: C or better in MATH 1330.</i>	
<b>MKT 3350<sup>^</sup></b>	<b>Marketing for a Global Marketplace.</b> <i>Prereq: C or better in ECO 2301 and MATH 1330.</i>	
<b>PCOM 3373<sup>^</sup></b>	<b>Business Communication.</b> <i>Prereq: C or better in ENGL 1301 &amp; 1302.</i>	
<b>SCM 3353</b>	<b>Supply Chain and Operations Management.</b> <i>Prereq: C or better in ECO 2301 and MATH 1330.</i>	

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

Electives		
Free Electives		15 hours

60 hrs.

Additional Notes: 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.