

## 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 <sup>^</sup>	Managerial Communication. Prereq: C or better in ENGL 1301 & 1302.	Upper Division Core
BECO 3310 <sup>^</sup>	Applied Business Economics. Prereq: C or better in ECO 2305.	
BLAW 3391 <sup>^</sup>	Business Law I. Prerequisite: C or better in ENGL 1301 and 1302.	
FIN 3320 <sup>^</sup>	Financial Management. Prereq: C or better in ACCT 2300, ACCT 2301, ECO 2305 and MATH 2345.	
ISQS 3344 <sup>^</sup>	Introduction to Production and Operations Management. Prereq: C or better in ISQS 2340 and MATH 2345.	
MGT 3370 <sup>^</sup>	Organization and Management. Prereq: C or better in MATH 1331.	
MKT 3350 <sup>^</sup>	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 <sup>^</sup>	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
ISQS 3360	Information Security. Prereq: C or better in ISQS 3345.	
ISQS 4350 <sup>^</sup>	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.	OR  Data Analytics Track
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.

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.