BBA-BUSINESS INFORMATION SYSTEMS CONCENTRATION

The Business Information Systems concentration prepares our students to maximize the utilization of systems in the business world. As the world business community goes more cyber, updated systems skills are needed to maximize the profitability of the business. College of Business students in the Business Information Systems concentration at Texas A&M University-Texarkana learn foundational information systems skills that employers will capitalize upon to improve their business operations. Students learn project management skills that are demanded of the skilled BIS professional in the business community. Students learn the fundamentals of designing security in web based business systems. Students explore the foundations of data mining and analysis, providing optimal information to management teams. In addition, College of Business BIS students learn how to use this information to enhance their critical thinking skills, to communicate findings to stakeholders, and to draw sound conclusions from the data extracted. BIS graduates from the College of Business find opportunities for employment in many areas including banking and financial institutions, industrial companies, and service companies. The skills gained by A&M-Texarkana business graduates provide a sustained competitive advantage for companies, both locally and in the global marketplace.

Degree Requirements

Students should refer to their DegreeWorks degree audit in their Web for Students account for more information regarding their degree requirements.

Code	Title	Hours
Major Requirements		
General Education Requirements (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		42
Business Administration College Core Courses		
ACCT 430	Business Ethics	3
FIN 354	Financial Management	3
GBUS 310	Business Communications	3
GBUS 440	International Business (EL)	3
MGT 395	Principles of Management	3
MGT 439	Business Strategy and Policy	3
MGT 465	Production and Operations Management	3
MIS 360	Essentials of Management Information Systems	3
MKT 363	Marketing	3
SCM 324	Business Data Analytics I	3
or MGT 324	Business Data Analytics I	
Department Core		
CS 355	Python Programming	3
CS 352	Java Programming I	3
CS 353	Java Programming II	3
CS 361	Database Systems and Design	3
CS 465	Computer Security	3
CS 430	Mobile App Development	3
Business Information Systems Concentration		
MIS 302	Enterprise Resource Planning	3
CS 481	Software Project Management	3
CS 484	DevOps and Software Testing	3
CS 495	Computer Science Capstone	3
College Core-Business Introductory courses		
ACCT 2301	Principles of Accounting I	3
ACCT 2302	Principles of Accounting II	3
BUSI 2301	Business Law	3
ECON 2301	Principles of Macroeconomics [2]	3
ECON 2302	Principles of Microeconomics [2]	3
MATH 1342	Elementary Statistical Methods	3
Minimum Hours for Degree		**120**

[2] Satisfies Core Curriculum

3   Upper Division Business Electives include 300 & 400 level courses from Accounting, General Business, Finance, Management, Management Information Systems, Marketing & Supply Chain Management

Note: A minimum of 54 upper division hours (300 and 400 level courses) are required for this degree. Resident credit totaling 25% of the hours is required for the degree. A minimum GPA of 2.0 is required in three areas for graduation: Overall GPA, Institutional GPA, and Major GPA.

4 Year Plan
First Year

Code	Title	Hours
FALL		
ENGL 1301	Composition I requires minimum grade of 'C', Satisfies Core Curriculum	3
HIST 1301	United States History I Satisfies Core Curriculum	3
MATH 1314	College Algebra satisfies core curriculum	3
Language, Philosophy and Culture Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		3
Component Area Option B of the Core Curriculum (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		3
UNIV 1100	University Foundations	1
Fall Total Semester Credit Hours		**15-16**
SPRING		
ENGL 1302	Composition II satisfies core curriculum; minimum grade of 'B' or higher	3
or ENGL 2311	Technical Writing & Communication	
HIST 1302	United States History II satisfies core curriculum	3
SPCH 1315	Public Speaking satisfies core curriculum	3
or COMM 1307	Introduction to Mass Communication	
or COMM 1311	Introduction to Communication Studies	
MATH 1342	Elementary Statistical Methods satisfies core curriculum	3
MIS 360	Essentials of Management Information Systems	3
Spring Total Semester Credit Hours		**15**
Total First Year Semester Credit Hours		**30-31**

Second Year

Code	Title	Hours
FALL		
Life and Physical Sciences Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		3-4
PSCI 2305	U.S. Government and Politics	3
Creative Arts Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		3
CS 355	Python Programming	3
GBUS 310	Business Communications	3
Fall Total Semester Credit Hours		**15**
SPRING		
Life and Physical Sciences Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		
ECON 2301	Principles of Macroeconomics satisfies core curriculum	3
BUSI 2301	Business Law	3
PSCI 2306	State and Local Government	3
CS 361	Database Systems and Design	3
Spring Total Semester Credit Hours		**15**
Total 2nd Year Semester Credit Hours		**30**

Third Year

Code	Title	Hours
FALL		
ACCT 2301	Principles of Accounting I	3

CS 352	Java Programming I	3
MGT 395	Principles of Management	3
MKT 363	Marketing	3
Upper or Lower Division Electives to satisfy degree requirements		3
Fall Total Semester Credit Hours		**15**
SPRING		
CS 353	Java Programming II	3
FIN 354	Financial Management	3
CS 465	Computer Security	3
ACCT 2302	Principles of Accounting II	3
ECON 2302	Principles of Microeconomics	3
Spring Total Semester Credit Hours		**15**
Total Third Year Semester Credit Hours		**30**

Fourth Year

Code	Title	Hours
FALL		
MGT 439	Business Strategy and Policy	3
MGT 465	Production and Operations Management	3
GBUS 440	International Business (EL)	3
CS 430	Mobile App Development	3
MIS 302	Enterprise Resource Planning	3
Fall Total Semester Credit Hours		**15**
SPRING		
ACCT 430	Business Ethics	3
CS 481	Software Project Management	3
CS 484	DevOps and Software Testing	3
CS 495	Computer Science Capstone	3
SCM 324	Business Data Analytics I	3
Spring Total Semester Credit Hours		**15**
Total Fourth Year Semester Credit Hours		**30**
Minimum Hours for Degree		**120**