

BBA-BUSINESS AND DATA ANALYTICS CONCENTRATION

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/)		
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 or MGT 324	Business Data Analytics I	3
	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 and Data Analytics Concentration		
CS 495	Computer Science Capstone	3
MGT 476	Business Data Analytics II	3
CS 482	Parallel Modeling and Simulation	3
MIS 305	Electronic Commerce	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 ¹	3
ECON 2302	Principles of Microeconomics	3
MATH 1342	Elementary Statistical Methods ¹	3
Minimum Hours for Degree		120

¹ Satisfies Core Curriculum

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 <small>requires minimum grade of 'C', Satisfies Core Curriculum</small>	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
ACCT 430	Business Ethics	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
SCM 324	Business Data Analytics I	3
Fall Total Semester Credit Hours		15
SPRING		
MKT 363	Marketing	3
CS 482	Parallel Modeling and Simulation	3
CS 495	Computer Science Capstone	3
New Course - Data Warehousing		3
MGT 476	Business Data Analytics II	3
Spring Total Semester Credit Hours		15
Total Fourth Year Semester Credit Hours		30
Minimum Hours for Degree		120

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