

## 2017-2018 Degree Map-Bachelor of Science in Business Administration-Business Data Analytics

This map is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in four years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at <http://www.atu.edu/academics/catalog/>.

**Employment Information:** Market Research Analyst, Operations Research Analyst, Data Analyst, Logistics Analyst, and Securities/Commodities Sales Agent.

#Prerequisite Courses: ENGL 0303 \_\_\_ ENGL 0404 \_\_\_ READ 0103 \_\_\_ MATH 0803 \_\_\_ MATH 1003 \_\_\_ MATH 0903 \_\_\_ MATH 0900 \_\_\_ MATH 1113 \_\_\_ MATH 1110 \_\_\_

**Sample Schedule**

Semester 1	Hrs.	Grade	Milestones/Notes	Semester 1
ENGL 1013-Comp I (ACTS=ENGL 1013)	3	#		
BUAD 1111-Intro to Business	1			
BUAD 2003-Business Information Systems	3	#		
MATH 2223-Quantitative Business Analysis	3	#	***May omit pre-req. of MATH 1113 if math ACT is 22 or >.	
General Elective	3			
<b>Total hours</b>	<b>13</b>	<b>GPA</b>		

Semester 2	Hrs.	Grade	Milestones/Notes	Semester 2
ENGL 1023-Comp II (ACTS=ENGL 1023)	3	#		
COMM 2173-Business & Professional Speaking	3		COMM 2003 may substitute.	
*BLAW 2033-Legal Environment of Business	3			
MATH 2243-Calculus for Bus & Econs (ACTS=MATH 2203)	3	#	Milestone	
*BDA 2003-Business Problem Solving	3	#		
<b>Total hours</b>	<b>15</b>	<b>GPA</b>		

Semester 3	Hrs.	Grade	Milestones/Notes	Semester 3
ACCT - 2000-Accounting Principles I Lab	0		Co-Requisite for ACCT 2003	
*ACCT 2003-Accounting Principles I (ACTS=ACCT 2003)	3		Milestone	
*ECON 2003-Principles of Economics I (ACTS=ECON 2103)	3		Milestone	
*BUAD 2053-Business Statistics (ACTS=BUSI 2103)	3		Milestone	
BUAD 3023-Business Communications	3			
BDA 2013-Business Spreadsheet Modeling	3			
<b>Total hours</b>	<b>15</b>	<b>GPA</b>		

Semester 4	Hrs.	Grade	Milestones/Notes	Semester 4
*ACCT 2013-Accounting Principles II (ACTS=ACCT 2013)	3		*Must complete 18 hrs of COB foundation courses to enroll in 3000-4000 level business courses.	
*ECON 2013-Principles of Economics II (ACTS=ECON 2203)	3			
Science with lab	4			
US History & Government	3			
BDA 3053-Business Data Analysis	3	#	Milestone	
<b>Total hours</b>	<b>16</b>	<b>GPA</b>	<b>BDA ADVISOR ASSIGNED</b>	

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed at <http://acts.adhe.edu/>

Fine Arts and Humanities	U.S. History & Government
ART 2123 Experiencing Art (ACTS=ARTA1003)	HIST 1903 Survey of American History
MUS 2003 Introduction to Music (ACTS=MUSC1003)	HIST 2003 United States History to 1877 (ACTS=HIST2113)
TH 2273 Introduction to Theatre (ACTS=DRAM 1003)	HIST 2043 Honors United States History to 1877
ENGL 2173 Introduction to Film	HIST 2013 United States History from 1877 (ACTS=HIST2123)
JOUR 2173 Introduction to Film	POLS 2003 American Government (ACTS=PLSC2003)
ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)	<b>Science with Lab</b>
ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)	BIOL 1014- Intro. to Biological Science (ACTS= BIOL1004)
ENGL 2023 Honors World Literature	BIOL/PHSC 1004- Principles of Environmental Science
PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)	GEOL 1014- Physical Geology (ACTS= GEOL 1114)
PHIL 2043 Honors Introduction to Philosophy	PHSC 1013/1021- Physical Sci/Lab (ACTS= PHSC 1004)

**Sample Schedule**

Semester 5	Hrs.	Grade	Milestones/Notes	Semester 5
MKT 3043-Principles of Marketing	3		Must complete a min. of 54 hrs & cumulative GPA of 2.00 to enroll in COB 3000-4000 level courses.	
ECON 3093-Econometrics	3			
MGMT 3003-Management & Organizational Behavior	3			
BDA 3003-Data Analytics Apps Development	3	#		Fall Only
BDA 3033-Data Modeling and Management	3	#		Fall Only
<b>Total hours</b>	<b>15</b>	<b>GPA</b>	50% of COB courses must be completed at Tech.	

Semester 6	Hrs.	Grade	Milestones/Notes	Semester 6
Science with lab	4			
ACCT 3063-Managerial Acct or ACCT 4023-Cost Acct (Spring Only)	3			
MGMT 3103-Operations Management	3			
**BDA Elective	3			
**BDA Elective	3			
<b>Total hours</b>	<b>16</b>	<b>GPA</b>		<b>APPLY FOR GRADUATION</b>

Semester 7	Hrs.	Grade	Milestones/Notes	Semester 7
Fine Arts & Humanities	3			
Fine Arts & Humanities	3			
ECON 3003-Money & Banking	3			
MGMT 4013-Management Information Systems	3			
FIN 3063-Business Finance	3			
<b>Total hours</b>	<b>15</b>	<b>GPA</b>		

Semester 8	Hrs.	Grade	Milestones/Notes	Semester 8
MKT 4153-Research Methods Spring Only	3			
MGMT 4083-Business Policy	3			
MGMT 4203-Project Management	3			
BDA 4003-Business Intelligence Spring Only	3			
**BDA Elective	3			
<b>Total hours</b>	<b>15</b>	<b>GPA</b>		

General Electives: 3 hours 1000-4000 level

COB = College of Business

\*\*BDA Electives: Choose from MGMT 3113, BDA 4031-3, BDA 4073 (only 3 hrs BDA 4031-3 allowed)

# indicates a "C" or better is required

Social Sciences	Speech Courses
HIST 1503 World Civilization to 1500 (ACTS=HIST1113)	ECON 2013 Principles of Economics II (ACTS=ECON2203)
HIST 1513 World Civilization since 1500 (ACTS=HIST1123)	SOC 1003 Introductory Sociology (ACTS=SOCI1013)
HIST 1543 Honors World Civilization to 1500	PSY 2003 General Psychology (ACTS=PSYC1103)
HIST 2003 U.S. History to 1877 (ACTS=HIST2113)	ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013)
HIST 2013 U.S. History since 1877 (ACTS=HIST2123)	ANTH 2003 Cultural Anthropology (ACTS=ANTH2013)
HIST 2043 Honors U.S. History to 1877	GEOG 2013 Regional Geography of the World (ACTS=GEOG2103)
HIST 1903 Survey of American History	AMST 2003 American Studies
POLS 2003 American Government (ACTS=PLSC2003)	<b>Speech Courses</b>
ECON 2003 Principles of Economics I (ACTS=ECON2103)	COMM 1003 Intro to Speech Comm
ECON 2103 Honors Principles of Economics I	COMM 2003 Public Speaking
	COMM 2173 Business and Professional Speaking