

## 2022-2023 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/catalog/>

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

#Prerequisite Courses: ENGL 0303 \_\_\_\_\_ MATH 0803 \_\_\_\_\_ MATH 1003 \_\_\_\_\_ MATH 0903 \_\_\_\_\_ 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 2243-Calculus for Bus & Econs (ACTS=MATH 2203)	3		***May omit pre-req. of MATH 1113 if math ACT is 22 or >.	
COMM 2173-Business/Prof. Speaking <b>or</b>	3			
COMM 2003-Public Speaking				
Fine Arts and Humanities	3			
<b>Total hours</b>	<b>16</b>	<b>GPA</b>		
Semester 2	Hrs.	Grade	Milestones/Notes	Semester 2
ENGL 1023-Comp II (ACTS=ENGL 1023)	3	#		
Science with a Lab	4			
*BLAW 2033-Legal Environment of Business	3			
MATH 2223-Quantitative Business Analysis	3		Milestone	
*BDA 2003-Business Problem Solving	3	#		
<b>Total hours</b>	<b>16</b>	<b>GPA</b>		

Semester 3	Hrs.	Grade	Milestones/Notes	Semester 3
*ACCT 2004/2000-Accounting Principles I & Lab (ACTS=ACCT 2003)	4	#		
*ECON 2003-Principles of Economics I (ACTS=ECON 2103)	3			
STAT 2163-Intro to Stat. Methods <b>or</b>	3	#		
PSY/SOC 2053-Stat for Behavioral Sciences				
Fine Arts and Humanities	3			
BDA 3013-Business Spreadsheet Modeling Fall Only	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			
U.S. History/Government	3			
ENGL 2053-Technical Writing	3		Milestone	
<b>Total hours</b>	<b>16</b>	<b>GPA</b>	<b>BDA ADVISOR ASSIGNED</b>	

### Shading indicates courses that would directly apply to the ABA-Business Admin degree.

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 <https://www.adhe.edu/students-parents/colleges-universities/transfer-info.-for-students/>

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 since 1877 (ACTS=HIST2123)
JOUR 2173 Introduction to Film	POLS 2003 American Government (ACTS=PLSC2003)
ENGL 2183 Honors Introduction to Film	<b>Science with Lab</b>
ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)	BIOL 1014- Intro. to Biological Science (ACTS= BIOL1004)
ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)	BIOL/PHSC 1004- Principles of Environmental Science
ENGL 2023 Honors World Literature	GEOL 1014- Physical Geology (ACTS= GEOL 1114)
PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)	PHSC 1013/1021- Physical Sci/Lab (ACTS= PHSC 1004)
PHIL 2043 Honors Introduction to Philosophy	
PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003)	

### 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.	
MGMT 3003-Management & Organizational Behavior	3			
BDA 3003-Data Analytics Apps Development Fall Only	3	#		
BDA 3033-Data Modeling and Management Fall Only	3	#		
Approved Electives	3			
<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
ECON 3093-Econometrics	3			
MGMT 3103-Operations Management	3			
Approved Elective	6			
BDA 3053- Business Data Analysis Spring only	3	#		
<b>Total hours</b>	<b>15</b>	<b>GPA</b>	<b>APPLY FOR GRADUATION</b>	

Semester 7	Hrs.	Grade	Milestones/Notes	Semester 7
Approved Elective	6			
Elective	2			
FIN 3063-Business Finance	3			
MGMT 4013-Management Information Systems	3			
<b>Total hours</b>	<b>14</b>	<b>GPA</b>		

Semester 8	Hrs.	Grade	Milestones/Notes	Semester 8
MKT 3153-Marketing Research and Analysis Spring Only	3		<b>Graduation Requirements:</b> Min. hours 3000-4000 level courses: 40 No more than 4 PE activity hours Min. hours required:120 2.00+ GPA	
MGMT 4083-Business Policy	3			
MGMT 4203-Project Management Spring Only	3			
BDA 4003-Business Intelligence Spring Only	3			
<b>Total hours</b>	<b>12</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

Advanced Electives
MKT 4013 Digital Metrics
FIN 4033 Financial Modeling
COMS 1333 Web Publishing
COMS 2104 Foundations of Computer Programming I (Prereq COMS 1403/1411)
Support Electives
MKT 3063 Social Media Marketing
PHIL 3103 Logic
HIM 4063 Organization and Administration (Prereq HIM 3023)
MGMT 4103 Supply Chain Management