

**2023-2024 Degree Map-Bachelor of Science in Agricultural Business-Pre-Veterinary Medicine Option**

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/>

**Graduate School Information:** Through proper advising and taking courses in proper sequence, students can meet the minimum course requirements for entrance into Louisiana State University, University of Missouri, Oklahoma State University, Tuskegee Institute, and other institutions offering the D.V.M degree in two years.

#Prerequisite Courses: ENGL 0303 \_\_\_\_\_ MATH 0803 \_\_\_\_\_ MATH 0903 \_\_\_\_\_ MATH 1110 \_\_\_\_\_

Sample Schedule		Milestones/Notes	
Semester 1	Hrs.	Grade	Semester 1
ENGL 1013- Comp I (ACTS=ENGL 1013)	3	#	
BIOL 1114- Principles of Biology (ACTS= BIOL 1014)	4		Milestone
COMS 1003- Intro to Computer Based Systems	3	#	
MATH 1113- College Algebra	3	#	Milestone
AGAS 1014- Principles of Animal Science	4		Milestone
AGBU 1001- Agriculture Orientation	1		
<b>Total hours</b>	<b>18</b>	<b>GPA</b>	

Semester 2		Semester 2	
Semester 2	Hrs.	Grade	Semester 2
ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#	
BIOL 2124- Principles of Zoology (ACTS= BIOL 1054)	4		Milestone
CHEM 2124/2120- General Chemistry I (ACTS= CHEM 1414)	4	#	Milestone
AGBU 1013- Principles of Agri. Business	3		
<b>Total hours</b>	<b>14</b>	<b>GPA</b>	

Semester 3		Semester 3	
Semester 3	Hrs.	Grade	Semester 3
Fine Arts & Humanities	3		
CHEM 2134/2130- General Chemistry II (ACTS= CHEM 1424)	4		Milestone
PHYS 2014/2000- Algebra-Based Physics I (ACTS= PHYS 2014)	4		Fall Only
COMM 2173- Business and Professional Speaking	3		COMM 2003 may substitute
AGBU 2063- Principles of Agricultural Macroeconomics	3		
<b>Total hours</b>	<b>17</b>	<b>GPA</b>	

Semester 4		Semester 4	
Semester 4	Hrs.	Grade	Semester 4
ACCT 2033- Fundamental Accounting Concepts	3		Milestone
BLAW 2033- Legal Environment of Business <b>or</b>	3		BLAW 2033(ACTS=BLAW 2003)
AGBU 3033- Legal Environment of Agri Bus			
PHYS 2024/2010- Algebra-Based Physics II (ACTS= PHYS 2024)	4		Milestone, Spring Only
AGAS 2084- Feeds and Feeding	4		Milestone
AGBU 2073- Principles of Agriculture Microeconomics	3		
<b>Total hours</b>	<b>17</b>	<b>GPA</b>	<b>PVET 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 by searching keyword "ACTS" at <https://adhe.edu/>

Fine Arts and Humanities	U.S. History & Government
ART 2123 Experiencing Art (ACTS=ARTA1003) MUS 2003 Introduction to Music (ACTS=MUSC1003) TH 2273 Introduction to Theatre (ACTS=DRAM 1003) ENGL/JOUR 2173 Introduction to Film ENGL 2003 Introduction to World Literature (ACTS=ENGL2113) ENGL 2013 Intro. to American Literature (ACTS=ENGL2653) PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103) PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003) 1013 from SPAN, FR, GER, JPN, CHIN, or LAT 1023 from SPAN, FR, GER, JPN, CHIN, or LAT LEAD 2003 Ethics in Leadership	HIST 1903 Survey of American History HIST 2003 U.S. History to 1877 (ACTS=HIST2113) HIST 2013 U.S. History since 1877 (ACTS=HIST2123) POLS 2003 American Government (ACTS=PLSC2003)
<b>University Honors students should consult Course Catalog for appropriate Fine Arts/Humanities, US History/Government and Social Science options for University Honors Curriculum.</b>	

Sample Schedule		Milestones/Notes	
Semester 5	Hrs.	Grade	Semester 5
Fine Arts & Humanities	3		
U.S. History/Government	3		
CHEM 3254- Fundamentals of Organic Chemistry	4		
AGAS 4203- Livestock and Poultry Nutrition	3		
AGBU 3213- Career Development in Agriculture	3		
<b>Total hours</b>	<b>16</b>	<b>GPA</b>	

Visit Vet Schools of choice to learn more about programs, deadlines, and admission process.

Semester 6		Semester 6	
Semester 6	Hrs.	Grade	Semester 6
CHEM 3264- Mechanistic Organic Chemistry	4		
ENGL 2053- Technical Writing (ACTS= ENGL 2023)	3		
STAT 2163- Intro to Statistical Methods (ACTS=MATH 2103)	3		
AGAS 3933- Animal Breeding and Genetics	3		
<b>Total hours</b>	<b>13</b>	<b>GPA</b>	<b>APPLY FOR GRADUATION</b>

Semester 7		Semester 7	
Semester 7	Hrs.	Grade	Semester 7
AGAS 3004- Reproduction in Farm Animals	4		
AGBU 4003- Agri-Business Management	3		
AGBU 4013- Agricultural Marketing	3		
AGBU 4973- Senior Seminar In Agriculture Business	3		
<b>Total hours</b>	<b>13</b>	<b>GPA</b>	Submit applications to Vet Colleges before deadline.

Semester 8		Semester 8	
Semester 8	Hrs.	Grade	Semester 8
BIOL 3054- Microbiology	4		
CHEM 3344- Principles of Biochemistry	4		
AGBU 4023- Agricultural Finance	3		<b>Graduation Requirements:</b> Min. hours 3000-4000 level courses: 40 No more than 4 PE activity hours Min. hours required:122 2.00+ GPA
AGBU 4033- Agricultural Policy	3		
<b>Total Hours</b>	<b>14</b>	<b>GPA</b>	

General Electives: 0

# indicates a "C" or better is required