



**ARKANSAS STATE
UNIVERSITY**

**Eight-Semester Degree Plan
Bachelor of Science in Agriculture
Major in Animal Science
Emphasis in Pre-Veterinary Medicine
2025-2026**

Year 1							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ANSC 1613	Intro to Animal Science	3		AGRI 1231	Professional Business Communication in Agriculture	1	x
ENG 1003	Composition I	3	x	ENG 1013	Composition II	3	x
AGRI 1221	Introduction to Professions in Agriculture	1	x	MATH 1033	Plane Trigonometry or Pre-Calculus	3 or 4	x
MATH 1023	College Algebra	3	x	BIOL 1003/1001	Biological Science/ Lab	4	x
COMS 1203	Oral Communication	3	x	ANSC 1621	Introduction to Animal Science	1	x
ART / MUS/ THEA 2503	Choose 1: Fine Arts: Visual/ Music/ Theater	3		Free Elective	Free Elective	3	
Total Hours:		16		Total Hours:		15 or 16	
Year 2							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
HIST 2763/2773 or POSC 2103	US History to 1876/ since 1876 or Intro to US Government	3	x	ECON 2313 or 2333	Macroeconomics or Economic Concepts in issues	3	x
AG Core	PSSC 1303: Intro Plant Science/ GIS 2003: Intro Precision AG / PSSC 2813: Soils /AGEC 1003: Intro to Agribusiness	3		ENG 2003/2013 or PHIL 1303	World Literature to/ since 1660 or Intro to Philosophy	3	x
PHYS 2054	General Physics I	4		CHEM 1023/ 1021	General Chem I1/ Lab	4	x
CHEM 1013/1011	General Chemistry I/ lab	4		HIST 1013/1023; SOC 2013; POSC 1003; GEO2613; CMAC 1003	Choose one: World Civ to/ since 1660; Intro to sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	x
AGRI 1241	Professional Business Etiquette in Agriculture	1	x	AG Core	PSSC 1303: Intro Plant Science/ GIS 2003: Intro Precision AG / PSSC 2813: Soils/ AGECE 1003: Intro to Agribusiness	3	
Total Hours:		15		Total Hours:		16	
Year 3							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ANSC 3633	Vet Anatomy and Physiology	3		ANSC Elective	Upper level ANSC Elective	3	
STAT 3233	Applied Statistics	3		AGRI 420V or AGRI 4203 or AGRI 3103	Internships in Agriculture or Guided Research Experience or Regenerative Agriculture Fundamentals	3	
ANSC 3613	Nutritional Management Domestic Animals	3		ANSC 4673	Digestive Physiology	3	
CHEM 3103/3101	Organic Chemistry I & Lab	4		CHEM 3113/3111	Organic Chemistry II& Lab	4	
AGRI 2213 or BIO 3013	Genetic Improvement or *Genetics, Prereq of BIO 2013 & 2011 required	3		PHYS 2064	General Physics II	4	

Total Hours:		16		Total Hours:		17	
Year 4							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
BIO 2103/2101 or *BIO 4104	Microbiology for Nursing & lab or Microbiology, <i>prereq BIO 2013/2011 Biology of the cell & lab</i>	4		ANSC 4683	Reproductive Physiology	3	
CHEM 4243	Biochemistry	3		ANSC Elective	Upper level ANSC elective	3	
COMS	Principles of Argumentation OR Introduction to Interpersonal Communication OR Business and Professional Communication OR Principles of Persuasion OR Organizational Communication	3		ANSC Elective	Upper level ANSC elective	3	
AG Core	PSSC 1303: Intro Plant Science/ GIS 2003: Intro Precision AG / PSSC 2813: Soils/ AGECE 1003: Intro to Agbusiness	3					
				ANSC 4003	Current Issues in Animal AG	3	
				Free Elective	Free Elective	2 or 3	
Total Hours:		14		Total Hours:		14 or 15	
Total Upper-Level Hours:		45		Total Degree Hours:		120	

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters. A minimum of 45 hours of upper-level credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. Failure to participate in required assessments may delay graduation.

Additional Graduation Requirements:

2023-2024 BACHELORS OF SCIENCE AGRICULTURE DEGREES

For a more detailed outline of all academic requirements and regulations for the Bachelors of Science in Agriculture degrees, please see the 2023-2024 Undergraduate Bulletin.

1. At least 120 credit hours
2. 45 hours of upper level (JR/SR) credit
3. Completed all required and elective hours
4. Maintain a minimum 2.0 GPA in all sections of the degree course work
 - a. General Education
 - b. Ag Core
 - c. Major Requirements
 - d. Program Emphasis Requirements
 - e. Free Electives
5. Minimum overall 2.0 GPA (including A-State and Transfer hours)