



**ARKANSAS STATE**  
UNIVERSITY

**Eight-Semester Degree Plan**  
**Bachelor of Science in Agriculture**  
**Major in Animal Science**  
**Emphasis in Pre-Veterinary Medicine**  
**2024-2025**

Year 1							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ANSC 1613/1621	Intro to Animal Science/ Lab	4		AGRI 1231	Professional Business Communications in Agriculture	1	
ENG 1003	Composition I	3	x	ENG 1013	Composition II	3	x
AGRI 1221	Professions in Agriculture	1		MATH 1033 or MATH 1054	Plane Trigonometry	3-4	
MATH 1023	College Algebra	3	x	BIOL 1003/1001	Biological Science/ Lab	4	x
COMS 1203	Oral Communication	3	x	ART / MUS/ THEA 2503	Choose 1: Fine Arts: Visual/ Music/ Theater	3	x
Free Elective	Free Elective	1		Free Elective	Free Elective	0-1	
<b>Total Hours:</b>		<b>15</b>		<b>Total Hours:</b>		<b>15</b>	
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
PSSC 1303	Intro to Plant Science	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 I/ Lab	4	
CHEM 1013/1011	General Chemistry I/ lab	4	x	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		AGEC 1003	Intro to Ag Business	3	
<b>Total Hours:</b>		<b>15</b>		<b>Total Hours:</b>		<b>16</b>	
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		Elective	Elective	2	
AGRI 3233 or STAT 3233 or TECH 3773	Applied Ag Statics or Applied Statistics, or 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	
<b>Total Hours:</b>		<b>16</b>		<b>Total Hours:</b>		<b>16</b>	

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</i> <i>Biology of the cell &amp; lab</i>	4		ANSC 4683	Reproductive Physiology	3	
ANSC Elective	Upper level ANSC elective	3		CHEM 4243	Biochemistry	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	
PSSC 2813	Soils	3					
Elective	Elective	2		ANSC 4003	Current Issues in Animal AG	3	
<b>Total Hours:</b>		<b>15</b>		<b>Total Hours:</b>		<b>12</b>	
<b>Total Upper-Level Hours:</b>		<b>45</b>		<b>Total Degree Hours:</b>		<b>120</b>	

[University General Requirements for Baccalaureate degrees](#)