

Arkansas State University –Jonesboro
 Bachelor of Science Agriculture
Major: Animal Science
Emphasis: Pre-Veterinary Medicine
 2014-2015

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 who have 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 division 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.**

Year 1				Year 1			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs.	Gen Ed	Course No.	Course Name	Hrs.	Gen Ed
ANSC 1613	Intro. Anim. Sci.	3		AGEC 1003	Intro. Ag. Business	3	
ANSC 1621	Lab. Intro. Anim. Sci.	1		PSSC 1303	Intro. Plant Science	3	
AGRI 1213	Making Connections	3		ENG 1013	Composition II	3	X
ENG 1003	Composition I	3	X	HIST 1013/1023; SOC 2013; PSY 2013; POSC 1003; GEO 2613; JOURN 1003	Choose: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication	3	X
MATH 1023	College Algebra	3	X	MATH 1033 or 1054	Plane Trigonometry or Precalculus	3-4	
ART/MUS/THEA	Fine Arts Visual, Music, or Theater	3	X				
Total Hours		16		Total Hours		15-16	

Year 2				Year 2			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs.	Gen Ed	Course No.	Course Name	Hrs.	Gen Ed
ECON 2313 or 2333	Prin Macroeconomics or Economic Issues and Concepts	3	X	HIST 2763 or 2773 or POSC 2103	US History to 1876/since 1876, Intro to US Government	3	X
CHEM 1013/1011 or CHEM 1043/1041	Gen Chem I/Lab or Fund Concepts of Chem/Lab (consult your advisor)	4	X	BIO 2013/1011 or BIO 1303/1301	Biology of the Cell/Lab or Biology of Animals/Lab (consult your advisor)	4	X
ENG 2003 or 2013 or PHIL 1303	Intro to Lit I or II or Intro to Philosophy	3	X	PSSC 2813	Soils	3	
ANSC 3633	Vet Anatomy and Physiology	3		CHEM 1023/1021 or CHEM 1052	Gen Chem II/Lab or Concepts of Chem II (consult your advisor)	2-4	
SCOM 1203	Oral Communications	3	X	Elective	Depends on course selective – CONSULT YOUR ADVISOR	1	
Total Hours		16		Total Hours		13-15	

Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs.	Gen Ed	Course No.	Course Name	Hrs.	Gen Ed
ANSC 3613	Nutritional Mgmt of Animals	3		ANSC 4673	Dig Physiology of Animals	3	
ANSC (upper-level)	**See list of courses at the end of this plan and consult with your advisor	3		ANSC (upper-level)	**See list of courses at the end of this plan and consult with your advisor	3	
CHEM 3103/3101	Organic Chem I and Lab	4		PHYS 2064	Physics II	4	
PHYS 2054	Physics I	4		AGRI 2213 or BIO 3013	Genetic Improvement of Plants and Animals or Genetics	3	
				AGRI 3723 or STAT 3233 or ECON 3113	Applied Ag Stat, Applied Stat or Business Stat	3	
Total Hours		14		Total Hours		16	

Year 4				Year 4			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs.	Gen Ed	Course No.	Course Name	Hrs.	Gen Ed
BIOL 4104 or BIO 2103/2101	Microbiology or Microbiology for Nursing/Lab	4		ANSC (upper-level)	**See list of courses at the end of this plan and consult with your advisor	3	
Electives	Electives (consult your advisor)	11		ANSC 4683	Theriogenology	3	
				AGRI 3723	Agricultural Connections	3	
				CHEM 4243	Biochemistry	3	
Total Hours		15		Total Hours		12	
TOTAL JR/SR HOURS = 45				TOTAL DEGREE HOURS = 120			

Note the following additional requirements for a baccalaureate degree:

- Must have a minimum of 32 semester hours through Arkansas State University – Jonesboro
- Must have a minimum of 45 semester hours of upper-level (junior-senior level) courses after earning 30 degree credits (**UPPER-LEVEL COURSE COMPLETED BY A STUDENT BEFORE HE/SHE HAS EARNED 30 DEGREE-CREDIT HOURS CANNOT BE COUNTED AS JUNIOR-SENIOR CREDIT**)
- Eighteen (18) of the last twenty-four (24) semester hours must be Arkansas State University-Jonesboro work
- Must satisfy other General Requirements for Baccalaureate degrees

**SELECT FOUR (4) OF THE FOLLOWING:	
ANSC 3203 Small Animal Care and Management	ANSC3653 Meat Science and Processing
ANSC 3663 Sheep Production	ANSC 4623 Beef Production
ANSC 4633 Disease of Farm Animals	ANSC 4743 Equine Nutrition
ANSC 4613 Horse Production	