

Arkansas State University - Jonesboro

Bachelor of Science in Agriculture

Major: Animal Science, Emphasis: Pre-Veterinary Medicine

2013-2014

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 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. Animal Science	3		AGEC 1003	Intro. Agri. Business	3	
ANSC 1621	Lab for Intro Animal Science	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 2213; PSY 2013; POSC 1003; GEO 2613; JOUR 1003	Choose one: 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 2503	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 or Intro to US Government	3	x
CHEM 1013/1011 or CHEM 1043/1041	Gen. Chem. I/Lab or Fundamental Concepts of Chemistry/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
SCOM 1203	Oral Communication	3	x	PSSC 2813	Soils	3	x
ANSC 3633	Vet. Anatomy and Phys.	3		CHEM 1023/1021 or CHEM 1052	Gen. Chem II/Lab or Fundamental Concepts of Chemistry II (consult your advisor)	2-4	
ENG 2003 or 2013 or PHIL 1303	Intro to Lit I or II or Intro to Philosophy	3		Elective	Depends on course selection-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 Anim.	3	
ANSC (upper-level)	See list at end of this plan and consult your advisor	3		ANSC (upper-level)	See list at end of this plan and consult 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 Plant and Animals or Genetics	3	
Elective	Consult your advisor	1		AGRI 3723 or STAT 3233 or ECON 2113	Statistics course	3	
Total Hours		15		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
BIO 4104 or BIO 2103/2101	Microbiology or Microbiology for Nursing/Lab	4		ANSC (upper-level)	See list at end of this plan and consult your advisor	3	
Electives	Consult advisor	8		ANSC 4683	Theriogenology	3	
ANSC (upper-level)	See list at end of this plan and consult your advisor	3		AGRI 3723	Ag. Connections	3	
				CHEM 4243	Biochemistry	3	
				AGRI Core Elective (Upper-level)	See Agri. Core electives listed at end of this plan and consult your advisor	3	
Total Hours		15		Total Hours		15	
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 the ASU-Jonesboro campus.
- Must have a minimum of 45 semester hours of junior-senior level courses after earning 30 degree credit hours. (UPPER-LEVEL COURSES 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 24 semester hours must be Arkansas State University work.
- Must satisfy other General Requirements for Baccalaureate degrees

Ag Core Electives: AGED 3453 Ag Structural Systems, AGED 445V Practicum in Ag Communications, AGED 4473 International Ag Study Tour, AGRI 2213 Gen Imp of Plants and Animals, BIO 3013 Genetics, FDST 2203 Intro to Food Science, PSSC 3503 Ag Spatial Technologies, TECH 2453 Solid Works I, TECH 3863 Industrial Safety, TECH 4823 Quality Assurance

**SELECT FOUR OF THE FOLLOWING:

ANSC 3203	Small Animal Care and Management	ANSC 4613	Horse Production
ANSC 3653	Meat Science and Processing	ANSC 4623	Beef Production
ANSC 3663	Sheep Production		