

**Degree: Bachelor of Science**

**Major: Animal Science Emphasis: Pre-Veterinary**

**2011-2012**

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. Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. A minimum of 129 credit hours, of which 45 hours must be upper division credit (3000-4000 level), is required for this degree (developmental courses are excluded). Mandatory state and institutional assessment exams will be required during your degree program.

Year 1				Year 1			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ENG 1003	Composition I	3	X	ENG 1013	Composition II	3	X
AGRI 1213	Seminar: Making Connections	3		SCOM 1203	Oral Communications	3	X
MATH 1023	College Algebra	3	X	CHEM 1013	General Chemistry I	3	X
PSSC 1303*	Intro to Plant Science	3		CHEM 1011	General Chemistry I Lab	1	X
ANTH 2233 or GEOG 2613 or HIST 1013 or 1023	Intro to Cul Anthro or Intro to Geog or World Civ to 1660 or since 1660	3	x	ART, MUS or THEA 2503	Fine Arts Visual, Musical or Theatre	3	X
PE 1002 or NRS 2203	Concepts of Fitness (or 3 hrs)	2	x	Social Sci.	Course not previously taken in this category - See Gen Ed List (must take ECON 2313 or 2333)	3	X
<b>Total Hours</b>		<b>17</b>		<b>Total Hours</b>		<b>16</b>	
Year 2				Year 2			
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		AGEC 1003*	Intro to Agricultural Business	3	
ANSC 1621	Intro to Animal Science Lab	1		Arts and Humanities	Course not previously taken in this category - See Gen Ed List	3	X
Social Sci.	Course not previously taken in this category - See Gen Ed List (must take ECON 2313 or 2333)	3	X	Social Sci.	Course not previously taken in this category - See Gen Ed List (must take ECON 2313 or 2333)	3	X
BIO 2103 AND 2101 OR BIO 4104	Microbiology for Nursing and Allied Health AND Lab OR Microbiology	4	X	PSSC 2813*	Soils	3	
CHEM 1023 AND 1021 OR CHEM 1052	General Chem II AND Lab OR Fund of Chemistry Concepts (4 or 2 hrs)	4		AGRI 2213 or BIO 3103	Genetic Improv Plants/Animals or Genetics	3	
AGRI 3233 or ECON 2113 or STAT 3233*	Applied Ag Statistics or Bus Stats I or Applied Stats	3					
<b>Total Hours</b>		<b>18</b>		<b>Total Hours</b>		<b>15</b>	
Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
Humanities	See Gen Ed List	3	X	ANSC 3613	Traditional Mgmt of Dom Animals	3	

<b>BIO 1303 AND 1301 OR BIO 2013 AND 2011</b>	Biology of Animals AND Lab OR Biology of the Cell AND Lab	3		<b>CHEM 3103 AND 3101</b>	Organic Chem I AND Lab	4	
<b>ANSC 3203 Or 3653 OR 4613 OR 4623 OR 4643</b>	Small Animal Care OR Meat Science & Proc OR Horse Prod OR Beef Prod OR Tech of Farm Animal Prod (Must take 2 courses, total)	3		<b>ANSC 3203 Or 3653 OR 4613 OR 4623 OR 4643</b>	Small Animal Care OR Meat Science & Proc OR Horse Prod OR Beef Prod OR Tech of Farm Animal Prod (Must take 2 courses, total)	3	
<b>Elective</b>	See Advisor	3		<b>MATH 1033 OR 1054</b>	Plane Trig OR PreCalculus (3-4 hours)	3	
<b>PHYS 2054</b>	Gen Physics I	4		<b>Elective</b>	Upper level Agri course	3	
<b>Total Hours</b>		<b>16</b>		<b>Total Hours</b>		<b>16</b>	
<b>Year 4</b>				<b>Year 4</b>			
<b>Fall Semester</b>				<b>Spring Semester</b>			
<b>Course No.</b>	<b>Course Name</b>	<b>Hrs</b>	<b>Gen Ed</b>	<b>Course No.</b>	<b>Course Name</b>	<b>Hrs</b>	<b>Gen Ed</b>
<b>AGRI 3723</b>	Agri Conn: Tech Intrep and Prof Pres	3		<b>ANSC 4683</b>	Theriogenology	3	
<b>PHYS 2064</b>	General Physics II	4		<b>Elective</b>	Upper level Agri course	3	
<b>ANSC 3633</b>	Vet Anatomy & Phys	3		<b>Agri Core</b>	<sup>1</sup> 3 credits from Agri Core	3	
<b>ANSC 4673</b>	Digestive Phys and Nut of Animals	3		<b>Elective</b>	See Advisor (2-4 hours, depending on CHEM or BIO selections)	3	
				<b>CHEM 4243</b>	Biochemistry	3	
<b>Total Hours</b>		<b>13</b>		<b>Total Hours</b>		<b>15</b>	
<b>Total Jr/Sr Hours</b>		<b>45</b>		<b>Total Degree Hours</b>		<b>126</b>	
<b>Graduation Requirements:</b>							
Completion of HIST 2763 or HIST 2773 or POSC 2103							
English Proficiency (Grade of C or better in ENG 1003 and ENG 1013)							
<sup>1</sup> At least 3 credits from the following list (Agri Core):							
TECH 2453, Solid Works I OR TECH 2883, Introduction to Quality Control OR							
TECH 3863, Industrial Safety OR FDST 2203, Introduction to Food Science OR							
AGRI 2213, Genetic Improvement of Plants and Animals OR BIOL 3013, Genetics OR							
PSSC 3503, Agriculture Spatial Technologies I OR							
AGED 3453, Agricultural Structural Systems OR							
AGED 445V, Practicum in Agricultural Communications OR							
AGED 4473, International Agriculture Study Tour							
* Must be completed by Sophomore Year							
2.00 GPA in Major							
2.00 GPA at ASU							
2.00 GPA Overall							
Maximum of 31 hours via correspondence, extension, examination, PLA, Military or similar means;CLEP (30 hrs max)							
<b>45 JR/SR Hours after completing 30 hours</b>							
126 Total Credit Hours							
18 of last 24 hours must be ASU-Jonesboro courses							
Minimum of 57 hours from 4-year institutions							
32 Resident Hours if completing second degree and first degree was not from ASU-J							