

**Dale Bumpers College of Agricultural, Food & Life Sciences**  
**EIGHT-SEMESTER DEGREE COMPLETION PROGRAM**

**B.S.A. – Animal Science (ANSC - Prevet)\*\***

2012-2013

ANSC Requirements: 6-12 hours Communication; 3 hours History; 3 hours Mathematics; 17 hours Physical and Biological Sciences; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 22 hours departmental core; 13 hours Animal Science electives; 16 hours Discipline-related electives; 23-29 hours general electives. **Bold** – Course meets University Core.

Pre-requisites, co-requisites, or recommended courses are in parentheses.

Fall Semester	Spring Semester																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course</th> <th style="text-align: right;">Hours</th> </tr> </thead> <tbody> <tr> <td>ANSC 1001L Intro to Animal Science Lab</td> <td style="text-align: right;">1</td> </tr> <tr> <td>ANSC 1032 Intro to Animal Sciences</td> <td style="text-align: right;">2</td> </tr> <tr> <td>ANSC 1041 Intro to Companion Animal</td> <td style="text-align: right;">1</td> </tr> <tr> <td><b>OR ANSC 1051 Intro to Livestock Industry</b></td> <td></td> </tr> <tr> <td><b>ENGL 1013 Composition I unless exempt***</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Math 1203 College Algebra</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Chem 1103 Univ. Chemistry I</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Chem 1101L Univ. Chemistry I Lab</b></td> <td style="text-align: right;">1</td> </tr> <tr> <td><b>Total Semester Hours</b></td> <td style="text-align: right;"><b>14</b></td> </tr> </tbody> </table>	Course	Hours	ANSC 1001L Intro to Animal Science Lab	1	ANSC 1032 Intro to Animal Sciences	2	ANSC 1041 Intro to Companion Animal	1	<b>OR ANSC 1051 Intro to Livestock Industry</b>		<b>ENGL 1013 Composition I unless exempt***</b>	3	<b>Math 1203 College Algebra</b>	3	<b>Chem 1103 Univ. Chemistry I</b>	3	<b>Chem 1101L Univ. Chemistry I Lab</b>	1	<b>Total Semester Hours</b>	<b>14</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course</th> <th style="text-align: right;">Hours</th> </tr> </thead> <tbody> <tr> <td>ANSC 2252L Intro to Livestock &amp; Meat Evaluation (Pre-ANSC 1032)</td> <td style="text-align: right;">2</td> </tr> <tr> <td><b>ENGL 1023 Composition II (continuation of ENGL 1013)</b> unless exempt***</td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>BIOL 1543/1541L Biology 1 &amp; Lab</b></td> <td style="text-align: right;">4</td> </tr> <tr> <td><b>AGEC 1103 Principles of Agri</b> Microeconomics (Pre-MATH 1203)</td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Chem 1123 Univ. Chemistry II</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Chem 1121L Univ. Chemistry II Lab</b></td> <td style="text-align: right;">1</td> </tr> <tr> <td><b>Total Semester Hours</b></td> <td style="text-align: right;"><b>16</b></td> </tr> </tbody> </table>	Course	Hours	ANSC 2252L Intro to Livestock & Meat Evaluation (Pre-ANSC 1032)	2	<b>ENGL 1023 Composition II (continuation of ENGL 1013)</b> unless exempt***	3	<b>BIOL 1543/1541L Biology 1 &amp; Lab</b>	4	<b>AGEC 1103 Principles of Agri</b> Microeconomics (Pre-MATH 1203)	3	<b>Chem 1123 Univ. Chemistry II</b>	3	<b>Chem 1121L Univ. Chemistry II Lab</b>	1	<b>Total Semester Hours</b>	<b>16</b>
Course	Hours																																				
ANSC 1001L Intro to Animal Science Lab	1																																				
ANSC 1032 Intro to Animal Sciences	2																																				
ANSC 1041 Intro to Companion Animal	1																																				
<b>OR ANSC 1051 Intro to Livestock Industry</b>																																					
<b>ENGL 1013 Composition I unless exempt***</b>	3																																				
<b>Math 1203 College Algebra</b>	3																																				
<b>Chem 1103 Univ. Chemistry I</b>	3																																				
<b>Chem 1101L Univ. Chemistry I Lab</b>	1																																				
<b>Total Semester Hours</b>	<b>14</b>																																				
Course	Hours																																				
ANSC 2252L Intro to Livestock & Meat Evaluation (Pre-ANSC 1032)	2																																				
<b>ENGL 1023 Composition II (continuation of ENGL 1013)</b> unless exempt***	3																																				
<b>BIOL 1543/1541L Biology 1 &amp; Lab</b>	4																																				
<b>AGEC 1103 Principles of Agri</b> Microeconomics (Pre-MATH 1203)	3																																				
<b>Chem 1123 Univ. Chemistry II</b>	3																																				
<b>Chem 1121L Univ. Chemistry II Lab</b>	1																																				
<b>Total Semester Hours</b>	<b>16</b>																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course</th> <th style="text-align: right;">Hours</th> </tr> </thead> <tbody> <tr> <td>ANSC 2781 Career Preparation &amp; Development</td> <td style="text-align: right;">1</td> </tr> <tr> <td>ANSC 3032 Animal Physiology I (Pre- BIOL 1543 and Chem 1123)</td> <td style="text-align: right;">2</td> </tr> <tr> <td>MATH 1213 Trigonometry</td> <td style="text-align: right;">3</td> </tr> <tr> <td>COMM 1313 Fundamentals of Communication</td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>History Core Elective</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td>BIOL 1603/1601L Zoology &amp; Lab</td> <td style="text-align: right;">4</td> </tr> <tr> <td><b>Total Semester Hours</b></td> <td style="text-align: right;"><b>16</b></td> </tr> </tbody> </table>	Course	Hours	ANSC 2781 Career Preparation & Development	1	ANSC 3032 Animal Physiology I (Pre- BIOL 1543 and Chem 1123)	2	MATH 1213 Trigonometry	3	COMM 1313 Fundamentals of Communication	3	<b>History Core Elective</b>	3	BIOL 1603/1601L Zoology & Lab	4	<b>Total Semester Hours</b>	<b>16</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course</th> <th style="text-align: right;">Hours</th> </tr> </thead> <tbody> <tr> <td>ANSC 3042 Animal Physiology II (Pre-ANSC 3023)</td> <td style="text-align: right;">2</td> </tr> <tr> <td><b>Fine Arts/Humanities Core Elective</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td>CHEM 2613/2611L Organic Physiological Chemistry (Pre-CHEM 1074/1071L <b>OR</b> CHEM 1123/1121L)</td> <td style="text-align: right;">4</td> </tr> <tr> <td>BIOL 2013 General Microbiology (Pre-BIOL 1543/1541L and 2 semesters of general chemistry)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BIOL 2011 L General Microbiology Lab</td> <td style="text-align: right;">1</td> </tr> <tr> <td>ANSC 3143 Animal Nutrition (Pre-CHEM 1074/1071L)</td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Total Semester Hours</b></td> <td style="text-align: right;"><b>16</b></td> </tr> </tbody> </table>	Course	Hours	ANSC 3042 Animal Physiology II (Pre-ANSC 3023)	2	<b>Fine Arts/Humanities Core Elective</b>	3	CHEM 2613/2611L Organic Physiological Chemistry (Pre-CHEM 1074/1071L <b>OR</b> CHEM 1123/1121L)	4	BIOL 2013 General Microbiology (Pre-BIOL 1543/1541L and 2 semesters of general chemistry)	3	BIOL 2011 L General Microbiology Lab	1	ANSC 3143 Animal Nutrition (Pre-CHEM 1074/1071L)	3	<b>Total Semester Hours</b>	<b>16</b>				
Course	Hours																																				
ANSC 2781 Career Preparation & Development	1																																				
ANSC 3032 Animal Physiology I (Pre- BIOL 1543 and Chem 1123)	2																																				
MATH 1213 Trigonometry	3																																				
COMM 1313 Fundamentals of Communication	3																																				
<b>History Core Elective</b>	3																																				
BIOL 1603/1601L Zoology & Lab	4																																				
<b>Total Semester Hours</b>	<b>16</b>																																				
Course	Hours																																				
ANSC 3042 Animal Physiology II (Pre-ANSC 3023)	2																																				
<b>Fine Arts/Humanities Core Elective</b>	3																																				
CHEM 2613/2611L Organic Physiological Chemistry (Pre-CHEM 1074/1071L <b>OR</b> CHEM 1123/1121L)	4																																				
BIOL 2013 General Microbiology (Pre-BIOL 1543/1541L and 2 semesters of general chemistry)	3																																				
BIOL 2011 L General Microbiology Lab	1																																				
ANSC 3143 Animal Nutrition (Pre-CHEM 1074/1071L)	3																																				
<b>Total Semester Hours</b>	<b>16</b>																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course</th> <th style="text-align: right;">Hours</th> </tr> </thead> <tbody> <tr> <td>Chem 3813 Intro to Biochemistry (Pre- CHEM 3613/3611L or CHEM 3713/3712L or CHEM 2613/2611L)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PHYS 2013 College Physics I (Pre – Math 1203 and 1213 or equivalent)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PHYS 2011L College Physics I Lab</td> <td style="text-align: right;">1</td> </tr> <tr> <td>BIOL 2404 Comparative Vertebrate Anatomy (Pre – BIOL 15433 and 1541L)</td> <td style="text-align: right;">4</td> </tr> <tr> <td>ANSC 3433 Reproductive Physiology</td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Communication Intensive Core Course</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Total Semester Hours</b></td> <td style="text-align: right;"><b>17</b></td> </tr> </tbody> </table>	Course	Hours	Chem 3813 Intro to Biochemistry (Pre- CHEM 3613/3611L or CHEM 3713/3712L or CHEM 2613/2611L)	3	PHYS 2013 College Physics I (Pre – Math 1203 and 1213 or equivalent)	3	PHYS 2011L College Physics I Lab	1	BIOL 2404 Comparative Vertebrate Anatomy (Pre – BIOL 15433 and 1541L)	4	ANSC 3433 Reproductive Physiology	3	<b>Communication Intensive Core Course</b>	3	<b>Total Semester Hours</b>	<b>17</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course</th> <th style="text-align: right;">Hours</th> </tr> </thead> <tbody> <tr> <td>ANSC Production/Management*</td> <td style="text-align: right;">2</td> </tr> <tr> <td>ANSC 3133 Animal Breeding &amp; Genetics (Pre- ANSC 1032)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>ANSC Elective (Preferably ANSC 3333 or ANSC 3013)</td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Social Science Core Elective</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td>PHYS 2033 College Physics II (Pre – PHYS 2013)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PHYS 2131L College Physics II Lab</td> <td style="text-align: right;">1</td> </tr> <tr> <td><b>Total Semester Hours</b></td> <td style="text-align: right;"><b>15</b></td> </tr> </tbody> </table>	Course	Hours	ANSC Production/Management*	2	ANSC 3133 Animal Breeding & Genetics (Pre- ANSC 1032)	3	ANSC Elective (Preferably ANSC 3333 or ANSC 3013)	3	<b>Social Science Core Elective</b>	3	PHYS 2033 College Physics II (Pre – PHYS 2013)	3	PHYS 2131L College Physics II Lab	1	<b>Total Semester Hours</b>	<b>15</b>				
Course	Hours																																				
Chem 3813 Intro to Biochemistry (Pre- CHEM 3613/3611L or CHEM 3713/3712L or CHEM 2613/2611L)	3																																				
PHYS 2013 College Physics I (Pre – Math 1203 and 1213 or equivalent)	3																																				
PHYS 2011L College Physics I Lab	1																																				
BIOL 2404 Comparative Vertebrate Anatomy (Pre – BIOL 15433 and 1541L)	4																																				
ANSC 3433 Reproductive Physiology	3																																				
<b>Communication Intensive Core Course</b>	3																																				
<b>Total Semester Hours</b>	<b>17</b>																																				
Course	Hours																																				
ANSC Production/Management*	2																																				
ANSC 3133 Animal Breeding & Genetics (Pre- ANSC 1032)	3																																				
ANSC Elective (Preferably ANSC 3333 or ANSC 3013)	3																																				
<b>Social Science Core Elective</b>	3																																				
PHYS 2033 College Physics II (Pre – PHYS 2013)	3																																				
PHYS 2131L College Physics II Lab	1																																				
<b>Total Semester Hours</b>	<b>15</b>																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course</th> <th style="text-align: right;">Hours</th> </tr> </thead> <tbody> <tr> <td>ANSC Electives (Preferably ANSC 3123 or ANSC 3152/3151)</td> <td style="text-align: right;">6</td> </tr> <tr> <td>ANSC production/management*</td> <td style="text-align: right;">2</td> </tr> <tr> <td>General Elective</td> <td style="text-align: right;">6</td> </tr> <tr> <td><b>Total Semester Hours</b></td> <td style="text-align: right;"><b>14</b></td> </tr> </tbody> </table>	Course	Hours	ANSC Electives (Preferably ANSC 3123 or ANSC 3152/3151)	6	ANSC production/management*	2	General Elective	6	<b>Total Semester Hours</b>	<b>14</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course</th> <th style="text-align: right;">Hours</th> </tr> </thead> <tbody> <tr> <td>ANSC production/management*</td> <td style="text-align: right;">2</td> </tr> <tr> <td>General Electives*</td> <td style="text-align: right;">7</td> </tr> <tr> <td><b>Fine Arts/Humanities Core Elective</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Social Science Core Elective</b></td> <td style="text-align: right;">3</td> </tr> <tr> <td><b>Total Semester Hours</b></td> <td style="text-align: right;"><b>16</b></td> </tr> <tr> <td><b>TOTAL HOURS</b></td> <td style="text-align: right;"><b>124**</b></td> </tr> </tbody> </table>	Course	Hours	ANSC production/management*	2	General Electives*	7	<b>Fine Arts/Humanities Core Elective</b>	3	<b>Social Science Core Elective</b>	3	<b>Total Semester Hours</b>	<b>16</b>	<b>TOTAL HOURS</b>	<b>124**</b>												
Course	Hours																																				
ANSC Electives (Preferably ANSC 3123 or ANSC 3152/3151)	6																																				
ANSC production/management*	2																																				
General Elective	6																																				
<b>Total Semester Hours</b>	<b>14</b>																																				
Course	Hours																																				
ANSC production/management*	2																																				
General Electives*	7																																				
<b>Fine Arts/Humanities Core Elective</b>	3																																				
<b>Social Science Core Elective</b>	3																																				
<b>Total Semester Hours</b>	<b>16</b>																																				
<b>TOTAL HOURS</b>	<b>124**</b>																																				

\*See specific course for prerequisites.

\*\*The University of Arkansas cannot be responsible for changes in admission requirements to veterinary schools. Courses listed in this check sheet apply only to Louisiana State University. Student must visit with an advisor for requirements for other vet schools.

\*\*\*Students who are exempt may take general electives.

For graduation, students must complete 124 hrs with at least 39 hrs of Junior or Senior level, 30 hrs within Bumpers College and 9 hrs other than ANSC, minimum GPA 2.0, maximum 25% D's and no more than 68 hrs of Freshman and Sophomore transfer courses.