

# Department of Animal Science, Food and Nutrition

College of Agricultural Sciences – Bachelor of Science Degree

## Pre-Veterinary and Science Specialization

Sample Program

Other Course Offerings May Meet University Departmental Requirements

<i>University Core Curriculum Requirements</i>	40
<i>Requirements for Major in Animal Science</i>	80
• Core Requirements	35
○ Agriculture 101	1
○ Animal Science 121, 122, 215, 315, 331, 332, 337, 381, 433, one from 409, 430, 465, 485	28
○ Agribusiness Economics 204	3
○ Agricultural electives, excluding Animal Science	6
○ Physiology 208 and 201	(3+1)
○ Specialization Requirements	45
<i>Total</i>	120

<b>First Year</b>				<b>Second Year</b>			
<i>Fall Semester</i>		Hours		<i>Fall Semester</i>		Hours	
ENGL 101	Composition I	3		ANS 215	Intro to Nutrition	2	
MATH 108	College Algebra	3		CHEM 210	General Inorganic Chem	4	
UCOL 101		3		CHEM 211	General Chemistry Lab II	1	
ANS 121	Introduction to Animal Science	3		ZOOL 118/BIOL 200A		4	
ANS 122	Livestock Production Laboratory	1			Fine Arts Elective	3	
PHSL 201	Human Physiology	3			<b>Total</b>	<b>14</b>	
PHSL 208	Physiology Lab	1					
	<b>Total</b>	<b>17</b>					
<i>Spring Semester</i>		Hours		<i>Spring Semester</i>		Hours	
ENGL 102	Composition II	3		ANS 200	Companion Animal Care & Mgmt	2	
MATH 109	Trig & Analytic Geometry	3		CHEM 339 or 340, 341		5	
SPCM 101	Introduction to Oral Communication	3		ABE 204	Food, Fiber, & Natural Resources	3	
HND 101	Personal Nutrition	2			Social Science	3	
CHEM 200	Intro to Chemical Principles	4		ANS	ANS Elective	2	
CHEM 201	General Chemistry Lab I	1			<b>Total</b>	<b>15</b>	
	<b>Total</b>	<b>16</b>					
<b>Third Year</b>				<b>Fourth Year</b>			
<i>Fall Semester</i>		Hours		<i>Fall Semester</i>		Hours	
PHYS 203A	College Physics	3		ANS 485 or 465 or 430 or 409		4	
PHYS 253A	College Physics Lab	1		ANS 381, 332, 431		4	
MICRO 301	Principles of Microbiology	4			Multicultural	3	
ANS 331	Growth, Development, Physiology	4			Humanities	3	
ANS 337	Animal Health	3			<b>Total</b>	<b>14</b>	
	<b>Total</b>	<b>15</b>					
<i>Spring Semester</i>		Hours		<i>Spring Semester</i>		Hours	
PHYS 203B	College Physics	3		ANS 381, 332, 431		4	
PHYS 253B	College Physics Lab	1		ANS 415 or elective		4	
CHEM 350	Biological Chemistry	3			AG Elective	3	
ANS 315	Feeds and Feeding	3			Elective	3	
	AG Elective	2			<b>Total</b>	<b>14</b>	
	Humanities Elective	3					
	<b>Total</b>	<b>15</b>					