

Department of Animal Science, Food and Nutrition

College of Agricultural Sciences – Bachelor of Science Degree

Equine 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

First Year			Second Year		
<i>Fall Semester</i>			<i>Fall Semester</i>		
	Hours				Hours
UCOL 101	3		ABE 204	Food, Fiber, & Natural Resources	3
ANS 121	3	Introduction to Animal Science	ANS 309	Equine Evaluation & Performance	3
ANS 122	1	Livestock Production Laboratory	ANS 331	Physiology, Growth and Development of Farm Animals	4
ANS 215	2	Introduction to Nutrition	CHEM 140a/200, 201	Chemistry	4
ANS 219	4	Intro. Horse Management	ANS 112	Intro to Horsemanship	2
MATH 108	3	College Algebra		Total	16
AH 105 or Human Health or ANS 112/212/312	2				
	18				
<i>Spring Semester</i>			<i>Spring Semester</i>		
	Hours				Hours
ENGL 101	3	Composition I	ANS 314	Forages	3
SPCM 101	3	Introduction to Oral Communication	ANS 337	Animal Health Social Science	3
AGSES 118	3	Intro to Computers in Ag	CHEM 140b/210, 211	Chemistry	4
AH 105 or ANS 112/212/312	2		ENGL 102	Composition II	3
PHSL 201	3	Human Physiology	ANS 212	Intermediate Horsemanship	2
PHSL 208	1	Physiology Lab		Total	18
	15				
Third Year			Fourth Year		
<i>Fall Semester</i>			<i>Fall Semester</i>		
	Hours				Hours
ANS 332	3	Animal Genetics	ANS 381	Animal Science Seminar	1
ABE 350 or 351	3	Humanities Elective	ANS 429	Equine Enterprise Management	2
	3	Multicultural Elective	ANS 319	Horse Handling and Horsemanship	2
HED 334	3	First Aid and CPR (optional)		Fine Arts Elective	3
ANS 312	2	Advanced Horsemanship		Electives	6
	17		ANS 112/212/312		2
				Total	14
<i>Spring Semester</i>			<i>Spring Semester</i>		
	Hours				Hours
ANS 409	4	Equine Science	ANS 419	Stable Management	3
ANS 315	3	Feeds and Feeding	ANS 250	Human Values in Livestock Production	3
ANS 431	4	Reproductive Physiology		Elective	6
	3	Humanities Elective		Total	12
	14				