

All students must complete two Global Issues courses in the GE (▲). All students must complete a Social Diversity requirement in the GE, which can be done by completing Rural Sociology 1500 or Sociology 1101.

FAES 1100 and Department Seminar	.5, .5	Social Science 1 (RURLSOC 1500 or SOCIOL 1101)	3
Writing Level 1 (ENGLISH 1110)	3	Social Science 2 (AEDECON 2001 or ECON 2001)	3
Writing Level 2 (ANIMSCI 2367) or See Approved CFAES GE List	3	Historical Study (See Approved CFAES GE List)	3
AGRCOMM 3130 or COMM 2110	3	Culture & Ideas or Historical Study (See Approved CFAES GE List)	3
MATH 1148	4	Literature (See Approved CFAES GE List)	3
Data Analysis (ANIMSCI 2260)	3	Art (See Approved CFAES GE List)	3
Biological Science (BIOLOGY 1113)	4	Contemporary Issues (See Approved CFAES GE List)	3
Physical Science (CHEM 1210)	5		
ANIMSCI 3140	3		
Additional Science	3-5	Major	40
Biology 1114		Minor Equivalent	15
Chemistry 1220		Internship	2
Microbiology 4000.01 or 4000.02		Free Electives	9-11
Molecular Genetics 4500		TOTAL CREDIT HOURS	121
Physics 1200			

Major Requirements **40**

Animal Sciences Core

ANIMSCI 2000	Animal Handling	2
ANIMSCI 2200.01 or 2300H	Introduction to Animal Sciences Lecture	3
ANIMSCI 2200.02	Introduction to Animal Sciences Laboratory	1
ANIMSCI 2200.03	Animal Systems	2
ANIMSCI 3130	Principles of Animal Nutrition	3
ANIMSCI 3150	Principles of Genetic Improvement	3
ANIMSCI 3160	Reproductive Physiology	3
ANIMSCI 3170	Animal Health I	2
ANIMSCI 3200	Applied Animal Bioscience Laboratory	2
ANIMSCI 3270	Animal Health II	2
Production Course 1*		4
Production Course 2**		3-4
ANIMSCI Electives ¹		9-10

*Production Course 1 Options (a minimum of one lecture and lab combined course or a lecture and individual lab course for 4 credits total²)

ANIMSCI 4001 Equine Production <u>OR</u>	4
ANIMSCI 4002.01 Beef Cattle Production and Management & ANIMSCI 4002.02 Beef Cattle Prod. and Management Lab <u>OR</u>	3 & 1
ANIMSCI 4003.01 Swine Production & ANIMSCI 4003.02 Swine Production Lab <u>OR</u>	3 & 1
ANIMSCI 4004.01 Small Ruminant and Pseudo Ruminant & ANIMSCI 4004.02 Small and Pseudo Ruminant Lab <u>OR</u>	3 & 1
ANIMSCI 4005 Companion Animal Biology and Behavior <u>OR</u>	4
ANIMSCI 4006.01 Poultry and Avian Management & ANIMSCI 4006.02 Poultry and Avian Management Lab <u>OR</u>	3 & 1
ANIMSCI 4007 Dairy Herd Management <u>OR</u>	4

**Production Course 2 Options (one of the following)

a) An additional selection from Production 1 lecture options	3-4
b) ANIMSCI 5100 Adv. Growth and Development	3
c) ANIMSCI 5530 Comp. Animal Nutrient Metabolism ³	3
d) A long-term study abroad (see below) ⁴	
e) Two short-term study abroad experiences (see below) ⁵	
f) ANIMSCI 4189 Field Exp. (requires approval; letter graded)	3
g) MEATSCI/ANIMSCI 5810 Branded Meat Products	4

Minor Equivalent – 15 hours

Select 15 credits from the list of courses below. Cannot use courses that have been taken to fulfill GE natural science or math requirements.

Bio 1114, Biochem 4511, Chem 2510, Chem 2520, Chem 2540, Math 1151, Microbiology 4000.01 or 4000.02, Mol Gen 4500, Physics 1200, Physics 1201

¹ No more than 6 hrs of ANIMSCI 3488, 4193, and 4999 combined can count toward graduation

² Students must complete a minimum of one production course lecture and one associated laboratory. For ANIMSCI 4001, 4005, and 4007 the lecture and laboratory are offered as a single course. All other production courses require enrollment in the lecture and a separate lab course. Enrollment in a 1 credit production laboratory course requires concurrent enrollment in the lecture.

³ Prerequisite of Biochem 4511

⁴ A long-term study abroad includes a 6-week minimum abroad in ANIMSCI or the AZP abroad program (INTLSTDS 5797)

⁵ Two short-term study abroad experiences include a combination of two courses from ANIM SCI 3797.01 or 3797.03 or 3797.07 or 5797.05