

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.

<b>FAES 1100 and Department Seminar</b>	.5, .5	<b>Social Science 1 (RURLSOC 1500 or SOCIOL 1101)</b>	3
<b>Writing Level 1 (ENGLISH 1110)</b>	3	<b>Social Science 2 (AEDECON 2001 or ECON 2001)</b>	3
<b>Writing Level 2 (ANIMSCI 2367) or See Approved CFAES GE List</b>	3	<b>Historical Study (See Approved CFAES GE List)</b>	3
<b>AGRCOMM 3130 or COMM 2110</b>	3	<b>Culture &amp; Ideas or Historical Study (See Approved CFAES GE List)</b>	3
<b>MATH 1148</b>	4	<b>Literature (See Approved CFAES GE List)</b>	3
<b>Data Analysis (ANIMSCI 2260)</b>	3	<b>Art (See Approved CFAES GE List)</b>	3
<b>ANIMSCI 3140</b>	3	<b>Contemporary Issues (See Approved CFAES GE List)</b>	3
<b>Biological Science (BIOLOGY 1113)</b>	4		
<b>Physical Science:(CHEM 1110 or 1210)</b>	5	<b>Major</b>	40
<b>Additional Science</b>	3-5	<b>Minor<sup>1</sup> (cannot select a minor in Equine Science, Animal Nutrition, Dairy Science, Human &amp; Animal Interaction, Animal Pre-Veterinary Medicine, or Animal Sciences)</b>	12
Biology 1114		<b>Internship</b>	2
Chemistry 1220		<b>Free Electives</b>	12-14
Microbiology 4000.01 or 4000.02		<b>TOTAL CREDIT HOURS</b>	121
Molecular Genetics 4500			
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
Production Course 1 (see below)*		4
Production Course 2 (see below)**		3-4
Animal Industries Selection (see below)***		2-3
ANIMSCI Electives <sup>2</sup>		8-10

\*Production Course 1 Options (a minimum of one lecture and lab combined course or a lecture and individual lab course for 4 credits total<sup>3</sup>)

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 <sup>4</sup>	3
d) A long-term study abroad (see below) <sup>5</sup>	
e) Two short-term study abroad experiences (see below) <sup>6</sup>	
f) ANIMSCI 4189 Field Exp. (requires approval; letter graded)	3
g) MEATSCI/ANIMSCI 5810 Branded Meat Products	4

\*\*\*Animal Industries Selection (one of the following)

ANIMSCI 3100 Introduction to Animal Growth and Development	3
ANIMSCI 3101 Equine Facilities Management and Marketing	3
ANIMSCI 4105 Domestication, Form, and Function of Dogs	3
ANIMSCI 3147 Milk Secretion	2
ANIMSCI 3306 Introduction to Poultry Science and Evaluation	2
ANIMSCI 4400 Animal Welfare and Behavior in Livestock Industries	3
ANIMSCI 5031 Ruminant Nutrition	3
ANIMSCI 5032 Nonruminant Nutrition	3
ANIMSCI 5033 Feeding Management & Records Analysis for Dairy Cattle	3

<sup>1</sup> Students with a large animal interest are encouraged to pursue the Production Agriculture Minor.

<sup>2</sup> No more than 6 hrs of ANIMSCI 3488, 4193, and 4999 combined can count toward graduation

<sup>3</sup> 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.

<sup>4</sup> Prerequisite of Biochem 4511

<sup>5</sup> A long-term study abroad includes a 6-week minimum abroad in ANIMSCI or the AZP abroad program (INTLSTDS 5797)

<sup>6</sup> 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