

## Animal Sciences and Agricultural Education

### Faculty

Arthur A. Parham, *Chair*  
 Anne V. Rodiek, *Graduate Coordinator*  
 Richard A. Rogers, *Agricultural  
 Education Credentialing Coordinator*  
 John A. Jacobs            Michael W. Thomas  
 Randy C. Perry            Scott A. Williamson  
 Jon D. Robison

The faculty members represent diverse specializations in the disciplines of animal science and teacher training. With doctoral degrees from many of the nation's outstanding agricultural universities, the faculty have combined philosophies of undergraduate education, research, curriculum development, industry relations, and career placement into a unique program. Their experience combines the practical and theoretical aspects of the animal sciences to provide an education second to none. Students are assigned an adviser who assists in both academic and career planning on an individual basis. The faculty place a high priority on strong adviser-advisee relationships.

### Bachelor of Science Degree Requirements

#### *Animal Sciences Major*

Options: Basic Science, Production Management.

*Units*

#### **General Education ..... 51**

(including 9 upper-division units, to be taken no sooner than the term in which 60 units of coursework are completed)

#### **CORE**

Category 3: Ag Ec 71 or Plant 99 (recommended)

#### **BREADTH**

Division 1: Chem 1A (required by vet schools) or Chem 3A (required)

Division 2: Biol 10, BioSci 1A or Zool 10 (required)

Division 3: Plant 105 (recommended)

Division 4: Nutr 53 (recommended)

Division 8: Ag Ec 1 (required for production management, recommended for Basic Science)

#### **CAPSTONE**

Agriculture and Government Policy Cluster (recommended): Ag Ec 150 and Phil 125 or Pl Si 150

#### **Major ..... 68-75**

(including 20 upper-division units)

#### **Animal Science Core..... (51)**

Ag Ec 76 or IS 50; Micro 20 or 140; A Sci 1, 11, 35, 65, 101, 125, 135, 145, 155, 165, 171, 186, and at least 3 units from the following: A Sci 180, or 181, or 190, or 196

Select two production courses from the following: A Sci 21, 31, 41, 51, 61, 91

#### **Production Management Option**

##### **Career specialization ..... 17-24**

Select one: Livestock Business Management, Dairy Science, Equine Science, or Meat Technology

##### **Livestock Business Management**

Select 12 units from the following: Ag Ec 28 or BA 18; Ag Ec 31 or Acct 4A; Ag Ec 110 or 110N or 120; Ag Ec 117, 130, 160 or 164; A Sci 81, 156

Select one course from the following: A Sci 121, 131, 151, 161, 172

##### **Dairy Science**

Ag Ec 110N or 117 or 120; FSc 3; A Sci 146, 156, 161, 163

##### **Equine Science**

Ag Ec 110N or 117 or 120; A Sci 151, 156, 185T (topics related to equine)

Select two from the following: A Sci 52, 53, 54, 55

##### **Meat Technology**

A Sci 172; Chem 8, 150; FSc 1 or 3, 110, 125, 178

#### **Basic Science Option**

##### **Career specialization ..... 14-24**

Select one: Basic Animal Science or Prevetterinary Medicine

##### **Basic Animal Science**

A Sci 156; Bio Sci 1B; Chem 8 and 150

Select one course from the following: A Sci 121, 131, 151, 161, 172

##### **Prevetterinary Medicine**

BioSci 1B; Chem 1B; Chem 8 or 128 A/B; Chem 109 or 129A/B; Physics 2A

#### **Additional requirements ..... 1-3**

Upper-division writing skills

#### **Electives ..... 0-15**

Courses supplementary to the major are strongly recommended.

#### **Total minimum requirements ..... 128**

(including 40 upper-division units)

#### *Advising Notes*

1. Mandatory advising is required of all students in the degree program. See the department secretary for the name of your assigned adviser.
2. New students should request an option check sheet from the department office.
3. All students should make an appointment with their assigned faculty adviser prior to registration each semester.
4. *CR/NC* grading is not permitted for courses included in the major unless the courses have been designated *CR/NC* grading only.
5. Fifty-one units of General Education may be exceeded depending upon the selection of courses.
6. Some General Education courses in CORE and BREADTH may be double counted to simultaneously satisfy major as well as General Education requirements.
7. The upper-division writing skills requirement can be met by passing the university examination (UDWE) or by taking an approved upper-division writing skills course, to be taken no sooner than the term in which 60 units are completed. One unit of credit in Engl 100W may be earned for passing the exam if requested by the student; three to four units of credit will be earned by obtaining a letter grade of C or higher in an approved course.
8. One semester prior to graduation make an appointment with your faculty adviser to prepare an official Certification of Major Requirements form.
9. Prevetterinary medicine students should consult their faculty adviser regarding