

# Agricultural Education - Agricultural Communications Option, B.S.

## DEPARTMENT

### Department of Animal Sciences and Agricultural Education

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BS in Agricultural Education - Agricultural Communications Option, B.S.  
BS in Agricultural Education - Teacher Preparation Option, B.S.  
MN in Animal Sciences, Minor  
MS in Agricultural Science, M.S.  
PREB in Pre Veterinary Prerequisites  
BS in Animal Science - Production Mgt Option-Livestock and Poultry Mgt Emphasis, B.S.  
BS in Animal Science - Production Mgt Option-Dairy Science Emphasis, B.S.  
BS in Animal Science - Production Mgt Option-Equine Science Emphasis, B.S.  
BS in Animal Science - Production Mgt Option-Meat Technology Emphasis, B.S.  
BS in Animal Science - Science Option-Preprofessional Emphasis, B.S.  
BS in Animal Science - Science Option-Pre Veterinary Emphasis, B.S.  
CRED in Agriculture Specialist Credential  
Courses Offered

### Animal Sciences and Agricultural Education

Prepare for the future in agricultural sciences, technology, and management with a degree in animal sciences or agricultural education. The Department of Animal Sciences and Agricultural Education offers options in agricultural communications, teacher preparation, science, and production management. The science option has career specialization in the areas of preprofessional (basic) animal science and preveterinary medicine. The production management option offers career specialization in the areas of dairy science, equine science, meat technology and livestock business management. Courses integrate animal evaluation, behavior, disease, environmental management, genetics, health, marketing, muscle biology, nutrition, physiology, production, and reproduction.

The agricultural education major is designed to equip students for careers as agricultural communication specialists or secondary agriculture teachers. Specializations may be developed in agricultural business, animal sciences, plant sciences, or mechanized agriculture.

### Instructional Facilities

Instruction in the animal science disciplines is enhanced through practical application at the various farm laboratory units on-campus. The Beef, Dairy, Horse, Meats, Poultry, Sheep, and Swine units are maintained by our faculty and students to support this educational purpose and provide a unique, hands-on learning experience for our students. In addition, veterinary and physiology laboratories are utilized to complement on-campus education. A 4,300-acre livestock and range management facility and another 800 acres of rangeland in the Sierra foothills are available.

## REQUIREMENTS

### Bachelor of Science Degree Requirements

#### Agricultural Education Major

Options: Agricultural Communications, Teacher Preparation

#### 1. Major requirements (54-60 units)

Select Teacher Preparation or Agricultural Communications

#### *Agricultural Communications Core (45 units)*

#### **Agricultural Economics (3 units)**

Select 3 units from: AGBS 28, 31, 117, 120, 150

**Agricultural Education (6 units)**

AGED 66, 166

**Animal Science (9 units)**

ASCI 1

Select 6 units from: ASCI 11, 21, 31, 35, 41, 51, 61, 81, 91

**Food Science and Nutrition (3 units)**

Select 3 units from: ASCI 71, ENOL 15

**Mass Communication and Journalism (9 units)**

MCJ 1, 2, 172 or 173

**Mechanized Agriculture (3 units)**

Select 3 units from: MEAG 1, 20, 50

**Plant Science (9 units)**

Select 9 units from: PLANT 20, 30, 40, 130; VIT 1

**Soil and Water (3 units)**

Select 3 units from: PLANT 71, 171, 172

**Agricultural Communications Career Specialty (15 units)**

Select one: Advertising, Broadcast Journalism, Multimedia Production, Print Journalism, Public Relations (see Agricultural Communications Option check sheet available in the department office.)

**Additional requirements**

Agricultural education majors must take the following courses, which also satisfy General Education requirements. These courses amount to 13 units of the 49 unit G.E. requirement.

**BREADTH**

Area B1: CHEM 3A

Area B2: BIOL 10, 11, or 12

Area D3: AGBS 1

Area E1: ASCI 67

**2. General Education requirements (49 units)****3. Other requirements (6 units)**

Upper-division writing and Multicultural and International (MI)

**4. Sufficient elective units to meet required total units (varies)**

Courses supplementary to the major are strongly recommended.

**5. Total minimum requirements (120 units)\***

\* G.E. and MI courses can be double counted with major requirements. The writing requirement may be met by taking the upper-division writing exam. See advisor for details.

**Advising Notes**

- See advising notes 1-6 following animal sciences major.
- Teacher preparation majors seeking the Agriculture Specialist Credential must also take AGED 187 and AGED 189.
- Contact the Kremen School of Education and Human Development for admission and program requirements for the Single Subject Credential.
- Agriculture courses titled Tours or Lectures may be used to satisfy upper-division unit requirements but may not be counted to satisfy agricultural education core or specialized field requirements in the major.
- Candidates for the Agriculture Specialist Credential must possess 3,000 hours or two years of occupational experience in agriculture. (For details, consult the agricultural education credentialing coordinator.)

**FACULTY**

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

For faculty phone numbers and e-mail, see the campus directory.

For more on the faculty, see the faculty pages.

The faculty pages are updated by the department or program.