

Agricultural Education

The Department of Animal Sciences and Agricultural Education

The Department of Animal Sciences and Agricultural Education invites you to consider the opportunities that await you at California State University, Fresno. As a student in our department, you will find a wide variety of career opportunities. The agricultural education major, teacher preparation option, prepares you to teach agriculture in the secondary schools. You will develop your skills in supervising the FFA and the students projects which are a vital part of an agricultural education program. You will participate in the local, regional, and state leadership development programs of your profession. Fresno State gives you an opportunity to complete your field experience in top-rated secondary agriculture programs. You will develop knowledge and competence in all basic areas of agriculture and gain advanced skills in plant science, mechanized agriculture, animal science, or agricultural business.

Advanced technology and our outstanding faculty are what make California State University, Fresno a leader in higher education — join the leader!

Career Opportunities

The Agricultural Education major prepares students for positions as agricultural education teachers.

Required Agricultural Education Courses

Farm Accounting
Agribusiness Management
Intro to Animal Science
Meat Animal Selection and Evaluation
Intro to Crop Science
Intro to Ornamental Horticulture
Fruit Species of California
Soils in Environment
Intro to Ag Mechanics
Ag Welding
Small Engines
Range Ecology and Management

Select one of the following:

Beef Production
Swine Production
Sheep Production
Dairy Production
Poultry Production

Additional Specialization Courses

Students will select one specialty area for which they must complete 15 units. The specialty areas are as follows:

Agricultural Business
Animal Science
Mechanized Agriculture
Plant Science

Additional Requirements

Orientation to Agricultural Education
Introduction to Agricultural Education
Agricultural Resource and Computer Applications

Contact Us

Please contact us if any of our students or faculty can be of further assistance. The Department of Animal Sciences and Agricultural Education is committed to a progressive education program through practical experience.

Mandatory advising is required for all students.

California State University, Fresno

Department of Animal Sciences and Agricultural Education

559.278.2971

B.S. in Agricultural Education

FRESNO STATE

Discovery. Diversity. Distinction.

Agricultural Education

Teacher Education Core

39 units

Agricultural Business

Farm Accounting (AGBS 31)
Agribusiness Management (AGBS 120)

Agricultural Engineering Technology

Intro to Ag Mechanics (MEAG 1)
Metallurgical Processes (MEAG 50)
Small Gasoline and Diesel Engines
(MEAG 114)

Animal Sciences

Introductory Animal Sciences (ASCI 1)
Livestock Selection and Evaluation (ASCI 11)
Select one of the following:
ASCI 21, 31, 41, 61, 91

Natural Resources and Forestry

Range Ecology and Management (CRSC 105)

Plant Science

Intro to Crop Science (CRSC 1)
Intro to Orn Hort (OH 1)
Fruit Species of Calif (HORT 110)
Soils in Environment (SW 100N)

Subject Matter Specialization Areas

(Select one) 15 units

Animal Sciences Specialization

Select 6 units from: ASCI 21, 31, 41, 61, or 91

Select 9 units from:

Feeds and Feeding (ASCI 35)
Advanced Beef Management (ASCI 121)
Advanced Swine Management (ASCI 131)
Animal Nutrition (ASCI 135)
Advanced Dairy Farm Management (ASCI 161)
Advanced Meat Science (ASCI 171)
Advanced Dairy and Livestock Evaluation
(ASCI 181)

Plant Science Specialization

Plant Propagation (PLANT 107)
Micropropagation (PLANT 108)
Row Crops (CRSC 101)
Floral Design (OH 4)
Greenhouse and Nursery Production (OH 104)
Cereal and Forage Crops (CRSC 102)
Vegetable Production (CRSC 111)

Agricultural Engineering Tech Specialization

Farm Machinery and Equipment (MEAG 20)
Farm Tractors and Equipment (MEAG 3)
Electro-Hydraulics (MEAG 103)
Power Transmissions (MEAG 113)
Advanced Farm Machinery (MEAG 120)
Power Systems Technology (MEAG 112)
Irrigation Systems (SW 111)

Additional Degree Requirements

9 units

Intro to Teaching (EHD 50) or Ag Education
Orientation (AGED 50)
Upper-Division Writing Skills *W* course exam
Intro to Ag Education (AGED 135)
Ag Resources and Computer Applications
(AGED 150)

69 total major units

(including 20 upper-division units)

**For additional
information, write**

**California State
University, Fresno
Department of
Animal Sciences and
Agricultural Education**

2415 East San Ramon
M/S AS75
Fresno, California
93740-8033

Visit or call

**Department of
Animal Sciences and
Agricultural Education**

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Room 232
559.278.2971

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PLEASE NOTE: This document is for general informational purposes only. The information is subject to change; consult the appropriate department or an academic adviser. Entering freshmen must follow the revised General Education program effective fall 1999 and thereafter. The university catalog and schedule of courses are available online at www.fresnostate.edu/ClassSchedule and www.fresnostate.edu/catalog.

Revised 5/15