

Animal Science, Preprofessional

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 choices. At Fresno State we emphasize all aspects of the livestock industry. You will receive actual hands-on experience at each of the livestock units. Traveling and working directly with people in the industry are critical parts of our undergraduate program. California State University, Fresno is a leader in higher education with advanced technology and outstanding faculty. Join the leader!

Career Opportunities

The Preprofessional option provides a science-oriented curriculum in the discipline of basic animal science and preveterinary medicine. Students in Preprofessional Science become prepared for postbaccalaureate study related to science, research, and the technical aspects of animal science. The Preveterinary Medicine emphasis provides a structured program of courses in animal science and related biological/physical sciences that will prepare students for admission to schools of veterinary medicine and for employment in many areas of the animal health industry. Students will be prepared for careers such as:

Animal Nutritionist
Animal Researcher
Director of Agricultural Research
Feed Technologist
Laboratory Technician
Control Specialist
Product Development Specialist
Technical Service
Animal Health Researcher
Animal Health Specialist
Embryo Transfer Technician
Pharmaceutical Salesperson
Veterinarian
Veterinary Health Consultant
Veterinary Laboratory Technician
Veterinary Supply Company Representative

Required Animal Sciences Courses

Introduction to Animal Science
Feeds and Feeding
Environmental Management of Farm Animals
Animal Genetics
Animal Nutrition
Anatomy and Physiology of Farm Animals
Animal Reproduction
Infectious Diseases of Domestic Animals
Meat Science
Animal Science Seminar
Computer skills course
Introductory Microbiology
Three units from the following:
Undergraduate Research
Livestock and Dairy Evaluation
Independent Study
Agricultural Internship
Select two courses from the following:
Beef Cattle Production
Swine Production

Sheep Production
Horse Production
Dairy Cattle Production
Poultry Production

Additional Requirements Preprofessional

Select one course from the following:
Advanced Beef Management
Advanced Swine Management
Advanced Horse Management
Advanced Dairy Farm Management
Artificial Insemination — Embryo Transfer
Introductory Biology
Elementary Organic Chemistry
General Biochemistry

Preveterinary Medicine

Introductory Biology
General Chemistry and Qualitative Analysis
Organic Chemistry
Elementary Organic Chemistry
General Physics
Preveterinary Orientation
General Biochemistry

Any additional requirements as required by veterinary school.

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
Animal Sciences/
Preprofessional

FRESNO STATE

Discovery. Diversity. Distinction.

Animal Science, Preprofessional

**For additional
information, write**

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Department of
Animal Sciences
and Agricultural
Education**

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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.

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