

## ANIMAL SCIENCE DEPARTMENT

Professors: Bell, Hixson, D. M. Nelson, Rousek, Selkirk

Associate Professors: Hoversland (Chairman), D. D. Nelson

Assistant Professor: Dilley

Adjunct Professor: Ensminger

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The Department of Animal Science offers programs of study in the animal sciences including beef, swine, sheep, horse, dairy, and poultry husbandry. The courses offered deal with the application of various principles of biological and physical sciences to animals. This includes management and production factors as related to environmental interrelationships, cultural modifications and adaptation, protection against pests and diseases, utilization, marketing, and research and development pertaining to the future. Students specializing in animal science may prepare for careers in business, government, foreign service, or the livestock industry where they may be engaged in consultation, management, production, research, teaching, advanced degrees, and other related professional services including veterinary medicine.

The courses offered in the disciplinary areas listed below provide the necessary background to prepare students for career objectives.

*Animal Science (A Sci)* provides in-depth study in subject areas designed to complement the livestock and poultry disciplines in preparing students for work opportunities in nutrition, reproduction, health, and related areas.

*Animal Husbandry (A Sci)* prepares students for positions in livestock production, management, and agricultural businesses where beef cattle, sheep, swine, and horse enterprises are an important part of the industry.

*Dairy Husbandry (A Sci)* trains students for commercial dairy farming enterprises, dairy herd management, milk quality control, field work for breeding associations, dairy sanitation, artificial breeding, and other agribusiness occupations.

*Poultry Husbandry (A Sci)* prepares students for occupations in commercial egg production, fryer operations, breeder flock management, hatchery management, processing, and sales positions with companies supplying the poultry industry. Graduates may operate their own turkey and poultry farms.

In addition, a selected variety of animal science and agricultural economics courses will provide the necessary background for the following career objective.

*Animal Science-Agricultural Business.* A combination of courses designed to train students in the important features of animal science and business.

**Programs of Study:** the Department of Animal Science provides competent advisers for students pursuing career objectives in, *but not limited to*, the following areas:

### *Career Objective*

### *Suggested Major*

Ranching	Agricultural science
Feed lot management	Agricultural business
Animal research	Agricultural science
Veterinary medicine	Agricultural science
Agricultural sales: feed, pharmaceuticals	Agricultural business or agricultural science
Dairy herd management	Agricultural business or agricultural science
Breeder, or field work with breed associations	Agricultural business or agricultural science
Foreign service in animal sciences	Agricultural science
Poultry management	Agricultural science or agricultural business
Animal nutrition: feed processing, research	Agricultural science
Meat technology: consumer products	Agricultural science or agricultural business
Artificial insemination: breeder, research	Agricultural science
Livestock judging, fair associations	Agricultural science or agricultural business