

business

Animal Science Laboratory Units: Theoretical instruction in animal sciences is enhanced through practical application at the various laboratory units.

Animal Husbandry Laboratory: The department operates breeding programs with Hereford and Angus beef cattle, a purebred flock of Rambouillet, Columbia, and Hampshire sheep, four breeds of swine, Berkshire, Hampshire, Yorkshire, and Duroc, and a herd of registered quarter horses. Feeding facilities are available at the livestock units for commercial feeding and research projects.

Dairy Husbandry Laboratory: The department maintains three breeds of purebred dairy cattle—Holsteins, Guernseys, and Jerseys. A Grade A dairy barn, dry feed lots, bull barn, fitting and showing barn, and a cow and calf barn provide excellent facilities for practical and specialized scientific training in dairy husbandry.

Poultry Husbandry Laboratory: Includes a central hatchery with cold storage facilities for egg handling, grading and candling; commercial egg production and pedigree pens; brooding facilities for conventional type houses and wire floor cage houses; and poultry processing facilities. Game birds, waterfowl, pigeons, and rabbits are maintained for laboratory work.

Meats Laboratory: The abattoir serves as a fully equipped meats laboratory including a killing room, meat cutting facilities, meat smoker, and freezing and cold storage facilities.

Veterinary Laboratory: The department maintains a veterinary hospital, including holding pens, for practical training in animal health care.

Feed Mill Laboratory: The department maintains a feed mill, including modern pelleting and mixing facilities, for practical training in feed mill operation and management. Feed grains and hay grown and harvested as a part of the instructional program in plant science are processed in the feed mill laboratory and delivered for feeding at the various animal units.

SUPERVISED PROJECTS

The agricultural sciences program is unique in that it provides opportunity for students to gain both theoretical training and practical experience in farming while pursuing their college programs. The supervised project experience is designed to supplement the lecture and laboratory assignments, giving students greater opportunity to develop the practical side of farming. The college owns all of the necessary equipment for student projects. A rental fee is charged for use of equipment. Proficiency in operating equipment must be demonstrated before projects may be undertaken. Students sign contracts wherein they agree to perform the labor required in caring for their projects. The Agricultural Foundation serves as a banking agency in providing the money a student will or may need for project materials. Students must submit records on each enterprise to the Agricultural Foundation and share the profit or loss with the Foundation according to established percentages.

In the Animal Science Department, students may feed out steers, lambs, pigs, fryers or turkeys, or have commercial egg production projects. Animal science students may, with prior approval of the department, engage in self-financed projects.

COURSES

Note: Active immunization against tetanus (available through the Student Health Service) is a prerequisite for registration in any laboratory course in agriculture and for any student employment on the College Farm.

ANIMAL SCIENCE (A Sci)

10. Animal Science (3) (Former AH 1)

Types and breeds of farm animals and poultry in the United States; world distribution, adaptation, production methods; foods and products produced by farm animals, their use by humans. (2 lecture, 3 lab hours)