

**ANIMAL SCIENCE DEPARTMENT**

Professors: Bell (Chairman), Ball, Glim, Hixson, Ilg, Rousek, Selkirk

Associate Professors: D. M. Nelson, Pflueger

Assistant Professor: D. D. Nelson

Instructor: Briggs

Part-time: B. Campbell, Kelly, Larsen, W. Smith, Young

The Animal Science Department offers majors in agribusiness, agricultural science, animal husbandry, dairy husbandry, poultry husbandry, and preprofessional training for veterinary medicine.

The *agribusiness* major with an option in animal science prepares students for positions in areas such as agricultural sales, including veterinary supplies, feeds; appraising for insurance companies and banks; management, credit, accounting and other office work; and general farming.

The *agricultural science* major with an option in animal science prepares students for highly science-oriented job objectives and provides the necessary undergraduate courses for students seeking advanced degrees.

The *animal husbandry* major prepares students for occupations in farming where beef cattle, sheep, swine and horse enterprises are an important part of the industry. Many graduates in this department are engaged in the livestock and farming business or in other agribusiness occupations. The department maintains purebred herds of Hereford, Shorthorn and Angus beef cattle; a purebred flock of Rambouillet, Columbia, and Hampshire sheep; four breeds of swine—Berkshire, Hampshire, Yorkshire, and Duroc; and a complement of registered quarter horses.

The *dairy science* major with *dairy husbandry* option trains students for commercial dairy farming enterprises, dairy herd management, milk testing, fieldwork for breeding associations, dairy sanitation, and for other agribusiness occupations. 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 training in dairy husbandry.

The *poultry husbandry* major prepares students for occupations in commercial egg production, fryer operations, breeder flock management, hatchery, processing, and sales positions with feed companies. Many graduates operate their own turkey and poultry farms. The poultry plant 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.

The *preveterinary* program provides the first two years of training required in veterinary medicine (see *Preprofessional Programs*).

The dairy industry option of the dairy science major is described under the Agricultural Industry and Education Department.

**SUPERVISED PROJECTS**

The agriculture 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 with the Fresno State College Agricultural Foundation 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