

AGRICULTURE: LIVESTOCK PRODUCTION (AGLI)

AGLI 12 Exotic Animal Management

3 Units (Degree Applicable)

Lecture: 54

Care and management of exotic and alternative livestock species with emphasis on identification, health maintenance, handling techniques, nutrition and reproduction. Includes analysis of industry trends and principal marketing uses of exotic animals.

AGLI 14 Swine Production

3 Units (Degree Applicable, CSU)

Lecture: 36 Lab: 54

Study of the principles and practices in the purebred and commercial pork production industries; emphasis on the importance of breeds, breeding principles, selection, nutrition, environmental management, health, marketing and recordkeeping to ensure scientifically-based management decisions and consumer product acceptance.

AGLI 16 Horse Production and Management

4 Units (Degree Applicable, CSU, UC)

Lecture: 54 Lab: 54

Selection, utilization, and management of the light horse. Emphasis is on evaluation, health care, and handling skills.

AGLI 17 Sheep Production

3 Units (Degree Applicable, CSU)

Lecture: 36 Lab: 54

Survey of the sheep and goat industries; management of commercial, purebred and small farm flocks; selecting, feeding, breeding, and basic care of small ruminants plus marketing of sheep, goats and their products. Laboratory and field trips required.

AGLI 18 Horse Ranch Management

4 Units (Degree Applicable, CSU)

Lecture: 54 Lab: 54

Skills and procedures used in the management of an equine business. Includes business plans and record keeping, staff and financial management, horse care and training, and farm design for a variety of horse operations.

AGLI 19 Horse Hoof Care

2 Units (Degree Applicable, CSU)

Lecture: 18 Lab: 54

Proper horse hoof care; shoeing, trimming, and disease recognition and control.

AGLI 20 Horse Behavior and Training

2 Units (Degree Applicable)

Lecture: 18 Lab: 54

Corequisite: AGLI 16

Breaking and starting young horses. Concentrates on halter training of foals, ground work on yearlings, and green-breaking two-year-olds and up. Includes lunging techniques, driving, and breaking to a saddle. Training in collection, turning, backing, leads, and trailer loading.

AGLI 30 Beef Production

3 Units (Degree Applicable, CSU, C-ID #: AG-AS 108 L)

Lecture: 36 Lab: 54

Purebred and commercial beef cattle production; emphasis on the importance of breeds, breeding principles, selection, nutrition, environmental management, health, marketing, and recordkeeping to ensure scientifically based management decisions and consumer product acceptance as applied to beef cattle. Laboratory required. Field trips required.

AGLI 34 Livestock Judging and Selection

2 Units (Degree Applicable, CSU, UC)

Lecture: 18 Lab: 54

Study of form and appearance of farm animals as related to their function. Includes judging of breeding and terminal livestock as well as carcass evaluation. May require field trip.

AGLI 96 Animal Sanitation and Disease Control

3 Units (Degree Applicable, CSU)

Lecture: 54

Prevention and control of infectious diseases affecting domestic animals including basic disease concepts, transmission of infectious diseases, principles of sanitation, and fundamentals of immunology.

AGLI 96L Animal Sanitation and Disease Control Laboratory

0.5 Units (Degree Applicable, CSU)

Lab: 27

Corequisite: AGLI 96

Application and development of biosecurity protocols, stressing humane handling and housing, use of disinfectants, and parasite control of domestic animals in the animal sanitation and control lab.

AGLI 97 Artificial Insemination of Livestock

2 Units (Degree Applicable)

Lecture: 18 Lab: 54

Theory and application of artificial insemination of domestic animals, including semen evaluation and processing, heat synchronization, and pregnancy diagnosis.