

180. Undergraduate Research (1-4; max total 4)

Open to juniors and seniors. Exploratory work on a suitable agricultural problem in animal science.

190. Independent Study (1-3; max see reference)

See *Regulations and Procedures—Independent Study*.

ANIMAL HUSBANDRY (A Sci)**11. Livestock Selection and Evaluation (3) (Former AH 2)**

Basic factors involved in selection and evaluation of beef cattle, horses, sheep, and swine; relationships of live market animal traits to carcass desirability. (2 lecture, 3 lab hours)

21. Beef Husbandry (3) (Former AH 22)

Prerequisite: A Sci 10. Management of purebred and commercial beef herds; selection of breeding stock; management practices in fattening cattle; marketing slaughter and purebred cattle. (2 lecture, 3 lab hours)

31. Swine Husbandry (3) (Former AH 30)

Prerequisite: A Sci 10. Principles and practices of purebred and commercial swine husbandry; breeding, feeding, and management program. (2 lecture, 3 lab hours)

41. Sheep Husbandry (3) (Former AH 40)

Prerequisite: A Sci 10. Breeding, feeding management, and marketing of commercial and purebred sheep; breeds, setting up a program of breeding, housing, and equipment requirements; feeding and care of ewes and lambs; docking, castrating; shearing, tying, sacking, storing wool. (2 lecture, 3 lab hours)

51. Horse Husbandry (3) (Former AH 50)

Prerequisite: A Sci 10, 11. Breeds, selection, care, and feeding of light horses; their use and place in California agriculture. (2 lecture, 3 lab hours)

101. Livestock Judging (2; max total 4) (Former AH 3, 103)

Prerequisite: A Sci 10, 11, or permission of instructor. Advanced course in selection and appraisal of breeding and market livestock; animal form and its relation to function; development of accurate and precise presentation of reasons; comparative judging; conducting judging contests; selection of livestock judging team from course enrollees. (1 lecture, 3 lab hours; field trips)

111. Advanced Beef Husbandry (3) (Former AH 122)

Prerequisite: A Sci 21. Research material in breeding, nutrition, diseases and management; records of performance, pedigrees, purebred sales, show herd management. (2 lecture, 3 lab hours; 1 week-end field trip)

121. Meats (3) (Former AH 10)

Prerequisite: A Sci 10. Evaluation of live animals and carcasses; selection and preparation of meats and meat products; survey of the meat industry in the United States. (2 lecture, 3 lab hours)

131. Meats and the Consumer (3)

Study of meats; quality and price selection, identification, nutritive value, preparation, storage, and government standards. (2 lecture, 2 lab hours)

151. Advanced Horse Husbandry (3) (Former AH 150)

Prerequisite: A Sci 10, 51. Advanced principles of horse husbandry; management of horse breeding farms, breeding systems, training and selling horses, western equitation. (1 lecture, 6 lab hours; 1 week-end field trip)