

70. Comparative Nutrition (3) (Former AH 71)

Prerequisite: Chem 2A-B, Biol 1A or B. Principles of nutrition; nutrients and their metabolism; comparison of qualitative nutrient requirements of monogastric and ruminant animals and man; role of animal food products in human nutrition.

100. Animal Reproduction (3) (Former AH, DS 106)

Prerequisite: Biol 120, AnSc 10 or 12. Principles of physiology and heredity as applied to the breeding of farm animals; application of genetics to a livestock breeding program.

110. Anatomy and Physiology of Farm Animals (3) (Former AH 115)

Prerequisite: Zool 1, Chem 8. General structures of farm animals and physiological functions of organs of the animal body. (2 lecture, 3 lab hours)

120. Livestock Sanitation and Diseases (3) (Former AH 116)

Prerequisite: AnSc 110 or permission of instructor. Sanitation practices and use of disinfectants; cause, symptoms, prevention, and treatment of common diseases of livestock. (2 lecture, 3 lab hours)

130. Feed Mill Management (2) (Former AH 73)

Prerequisite: AS 70. Operation and maintenance of feed mills; compiling rations; mixing, buying, and selling feeds; participation in management and operation of college feed mill. (1 lecture, 3 lab hours)

150. Animal Husbandry Seminar (1; max total 2) (Former AH 170)

Open to seniors majoring in animal husbandry. Latest developments in research; assigned research papers in animal husbandry to be presented in both oral and written form.

160T. Topics in Animal Science (1-4; max total 4)

Prerequisite: junior standing, permission of instructor. Anatomy, physiology, pathology, nutrition, genetics, economics.

170. Animal Nutrition (3) (Former AH 172)

Prerequisite: AnSc 70 or permission of instructor. Quantitative nutrient requirements and allowances for domestic animals; feedstuffs and methods of processing; feeding systems and ration formulation for profitable livestock production.

180. Special Problems (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 (AnSc)**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: AnSc 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)