

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)

20. Animal Science Practicum (2)

Development of skills in applying animal science theories, principles, and practices; discussion, demonstration, participation. (2 2-hour lecture-labs; field trips)

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

Prerequisite: Chem 2A-B, Bot 10 or Zool 10. 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.

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

Open to freshmen and sophomores with permission of instructor. Exploratory work on a suitable agricultural problem in animal science.

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

Prerequisite: Biol 120, A Sci 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: A Sci 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: A Sci 70. Operation and maintenance of feed mills; compiling rations; mixing, buying, and selling feeds; participation in management and operations 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. Applied Animal Nutrition (3) (Former AH 172)

Prerequisite: A Sci 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.