

ANSC: ANIMAL SCIENCE (ANSC)

ANSC 140. Principles Of Animal Science. (3 Credits)

Gives an overview of the biological principles applicable to the animal sciences. Concentrates mainly on reproduction, genetics, nutrition, lactation, and other facets of the animal industries.

ANSC 241. Livestock Farm Practices. (2-3 Credits)

Supervised farm practices in feeding, handling, and managing farm animals. Prerequisite: ANSC 140 Principles of Animal Science Sophomore or above standing 201608.

ANSC 242. Principle Of Poultry Production. (3 Credits)

Principles and practices underlying the reproduction and growth of the domestic fowl. Includes the study of breeds, varieties and types of poultry.

ANSC 246. Intro To Equine Science. (3 Credits)

A study of the fundamental principles of equine science to include: Horse terminology, impact of horses on society, history, breeds, management, genetics, reproduction, health, nutrition, behavior, riding, and the business aspects of horse industry.

ANSC 343. Swine Production. (3 Credits)

Feeding and management practices used in purebred and commercial swine production Prerequisite: ANSC 242 Poultry Production.

ANSC 344. Beef Cattle Production. (3 Credits)

Methods of producing, managing, and marketing commercial and purebred cattle. Prerequisite: ANSC 140 Principles of Animal Science Sophomore or above standing 201608.

ANSC 345. Veterinary Anatomy & Physiology. (3 Credits)

A consideration of gross anatomy and physiological functions of animals as a background for the studies in nutrition, reproduction and diseases. Prerequisites: ANSC 140 Principles of Animal Science BIOL 241 Introduction to Microbiology BIOL 313 General Zoology Sophomore or above standing 201608.

ANSC 346. Physiology Of Reproduction. (3 Credits)

Study of reproductive processes with special emphasis upon reproduction efficiency of domestic animals. Prerequisite: ANSC 345 Veterinary Anatomy and Physiology; junior or above standing.

ANSC 348. Dairy Farming. (3 Credits)

Teaches the basic principles of dairy management, current knowledge in the many areas of dairy science and present day practices of successful dairy persons. Prerequisites: BIOL 120 Principles of Biology I, ANSC 140 Principles of Animal Science, BIOL 313 General Zoology; sophomore or above standing.

ANSC 349. Vet Medicine Term & Hygiene. (3 Credits)

ANSC 349 Veterinary Medical Terminology and Hygiene - 3 semester hours The study of veterinary medical terminology, to include the meaning and use of medical terms. Hygiene topics covered are causes and symptoms of infections, parasitic and nutritional diseases with emphasis on prevention and control through management and sanitation. Prerequisite(s): BIOL 120 Principles of Biology, ANSC 140 Principles of Animal Science: sophomore or above standing.

ANSC 350. Small Ruminant Management. (3 Credits)

Principles and practices of production, management, and marketing of small ruminants (ex. sheep, goats). The role of genetics, nutrition, reproduction and animal health will also be emphasized. Co-requisite: ANSC Veterinary Hygiene Junior or above standing 201608.

ANSC 351. Feeds And Feeding. (3 Credits)

Basic nutritional principles, composition and value of feeds and the formulation of rations for farm animals. Prerequisites: BIOL 120 Principles of Biology BIOL 313 General Zoology ANSC 140 Principles of Animal Science Junior or above standing 201608.

ANSC 441. Animal Nutrition. (3 Credits)

Course matter focuses on nutrients and their digestion, metabolism, biological role and the principles of animal nutrition. Prerequisites: BIOL 120 Principles of Biology, BIOL 313 General Zoology, ANSC 140 Principles of Animal Science, junior or above standing.

ANSC 446. Special Topics. (1-4 Credits)

Presentation and discussion of papers on animal industry subjects. Prerequisites BIOL 120 Principles of Biology, BIOL 313 General Zoology, ANSC 140 Principles of Animal Science; academic advisor's approval and junior or above standing.

ANSC 447. Special Problems. (3 Credits)

Lectures and assignments relating to industry problems in breeding, nutrition, diseases, market products, and management of farm animals. Prerequisites: BIOL 120 Principles of Biology BIOL 313 General Zoology ANSC 140 Principles of Animal Science Junior or above standing Academic Advisor's approval 201608.

ANSC 448. Adv Livetock Production. (3 Credits)

A study of economic, nutritional and managerial factors affecting the operation of livestock enterprises. Field trips required. Prerequisites: BIOL 120 Principles of Biology BIOL 313 General Zoology ANSC 140 Principles of Animal Science Junior or above standing Academic Advisor's approval 201608.

ANSC 449. Seminar. (1-3 Credits)

Research and presentation of important literature related to the animal sciences. Areas of economic importance to the agricultural community will be emphasized. Prerequisites: BIOL 120 Principles of Biology BIOL 313 General Zoology ANSC 140 Principles of Animal Science Junior or above standing Academic Advisor's approval 201608.