

7105 Principles of Agriculture, Food & Natural Resources

Credit: 1

Prerequisite: None

Agriculture is not just “cows, sows and plows”. Discover how plant and animal science are a vital part of our lives. Research which laws, regulations, and policies are in place to bring food safely from the field to your table. Learn leadership, record-keeping skills and have the opportunity to raise an animal as a FFA member.

7120 Small Animal Management

Credit: .5

Prerequisite: Principles of Agriculture, Food & Natural Resources

Why does a dog pant? What makes a cat purr? Find the answers to these questions and much more. This course focuses on the anatomy, management and care of small animals; not just dogs and cats. Learn breeds or types of each species; discuss the habitats, nutritional requirements and health maintenance, including the prevention and control of diseases/parasites; as well as, use available laboratory equipment to perform procedures such as fecal test, blood testing, and basic grooming procedures.

7121C Equine Science

Credit: .5

Prerequisite: Principles of Agriculture, Food & Natural Resources

This course is an introduction to the basics of horse care and management. During the semester, students will develop an understanding of the equine industry including selection, health and management, as well as horse handling and breeding. We will examine equine nutrition as it pertains to performance, as well as issues affecting the equine industry as a whole. This course can earn college credit based on Articulation agreements, which are subject to change.

7190C Veterinary Medical Applications

Credit: 1

Prerequisite: Livestock Production or Equine Science and Small Animal Management

Prepare for your future career in the field of animal science. Learn principles of veterinary medical ethics, and veterinary medical terminology. Identify/evaluate animal diseases and internal/external parasites, as well as behavioral problems for both large and small animal species. Work on skills needed to advance toward Veterinary Assistant Certification, Level 1. This course can earn college credit based on Articulation agreements, which are subject to change.

7130W Advanced Animal Science

Credit: 1

Prerequisite: Biology, Chemistry or IPC, Geometry; and Small Animal Management or Livestock Production or Equine Science. Recommended: Veterinary Medical Applications

Take a deeper look into the animal industry by studying various livestock anatomy and physiology. Sample topics include diseases, reproduction, genetics and heredity. Hands-on activities and labs are an essential part of this course. This course is a Career and Technical Education funded course and requires 40% laboratory and fieldwork requirements.

**Practicum in Agriculture, Food & Natural Resources:
Veterinary Medical Applications**

7195W 1st time taken

7196 2nd time taken

Credit: 2

Prerequisite: Veterinary Medical Applications

Student must complete an interest form for enrollment and attend a meeting with the instructor. Students will participate in a teacher-approved training station (onsite or offsite, paid or unpaid) for continuation in this course; must be a minimum age of 16 and hold a valid work documentation to enroll in a paid practicum experience working at least 10 hours per week. Transportation to and from the training station is the responsibility of the student. Workplace visits required by teacher of record every 6 weeks. Training station evaluation will count as 30% of the student's grade.