



## Discover your inner **animal lover!**

If providing high quality, humane care to animals during all stages of their lives is important to you, consider a career in animal science.

Opportunities in the field of animal science are surprisingly diverse, including veterinary care, grooming, retail store services, pet-sitting, behavioral training, the pet food industry, humane societies, bio-medical laboratories, marine and theme parks, wildlife refuges and zoos.

This program will provide you with hands-on experience with animals at the Cornell Cooperative Extension as well as a local horse farm.

*Advanced college/trade school credit is available to qualifying students from the following institutions:*



**COURSE TITLE: ANIMAL SCIENCE**

**COURSE DESCRIPTION**

Animal Science is designed to prepare students who are pursuing animal related careers and can be used as a college preparatory course for those interested in furthering their education in applied sciences.

This course provides students with the opportunity to work with a wide variety of animals. Classroom environment simulates procedures performed in veterinary hospitals, grooming shops and kennel facilities. Students are also provided with hands-on experience with farm animals at Cornell Cooperative Extension and at local horse farms.

**COURSE CONTENT – First Year**

Comparative Anatomy and Physiology  
 Introduction to Grooming  
 Handling and Restraining Techniques  
 Animal Husbandry  
 Animal Behavior  
 Parasitology  
 Diagnostic Testing  
 Introduction to Pharmacology

**COURSE CONTENT – Second Year**

Equine Science  
 Advanced Grooming  
 Exotic Animal Care and Handling  
 Diagnostic Procedures  
 Surgical Nursing  
 Reproductive Management  
 Marine Science

**EDUCATIONAL OPPORTUNITIES**

Associate and Baccalaureate degrees in the animal health care field

**CAREER OPPORTUNITIES**

Zoos and Wildlife Facilities	Humane Societies and Animal Control Facilities
Aquariums	Animal Shelters
Veterinary Hospitals	Diagnostic Laboratories
Kennels	Spay and Neuter Clinics
Farms	Bio-Medical Research Facilities

**SUGGESTED SUPPORTIVE COURSES**

Biology

**ADDITIONAL INFORMATION**

RELATED COURSES .....	Clinical Medical Assisting, Nurse Assisting
COSTS .....	Uniforms-Approximately \$30, tools \$50-\$60
LENGTH OF COURSE.....	1 or 2 years
LOCATIONS .....	Gary D. Bixhorn Technical Center Harry B. Ward Technical Center
CTE/ACADEMIC CREDIT .....	1 year = 1 credit ELA or 1 credit science 2 years = 1 credit ELA and 1 credit science (2 years = MAXIMUM 2 academic credits)

