

## Career & Technical Education Animal Science

- Level 1
- Principles of Agriculture, Food, & Natural Resources

- Level 2
- Equine Science
  - Small Animal Management

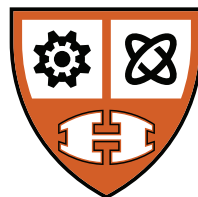
- Level 3
- Livestock Production

- Level 4
- Advanced Animal Science
  - Veterinary Medical Applications
  - Practicum in Agriculture, Food, & Natural Resources

### Certification(s)

- Certified Veterinary Assistant
- Elanco Fundamentals of Animal Science
- Elanco Veterinary Medical Applications
- Equine Management & Evaluation
- Small Animal Science & Technology

### Student Organization



**CAREER & TECHNICAL  
EDUCATION** HUTTO ISD

AGRICULTURE

## Course Information - Animal Science

Course Title	Credits	Prerequisites	Course Description
Principles of Agriculture, Food, & Natural Resources	1.0	None	Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.
Equine Science	0.5	None	In Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules.
Small Animal Management	0.5	None	In Small Animal Management, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds.
Livestock Production	1.0	None	In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.
Advanced Animal Science	1.0 (Science)	Biology and Chemistry or IPC; Algebra I and Geometry; Equine, Small Animal, or Livestock	Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.
Veterinary Medical Applications	1.0	Equine Science, Small Animal Management, or Livestock Production	Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species.