

# Advanced Animal Science



**Prerequisite:** Chemistry AND 1 additional Science AND Geometry AND Livestock OR Equine Science/Small Animal Management

**Course:** 1116CT

**Credits:** 1

**Length:** 18 weeks

**Placement:** 11-12

## Course Description

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and skills in a variety of settings. This course 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.

**Students can earn science credit for this course.**

## Student Activities

This course will build on the skills learned in Animal Science. Students will learn disease management in domesticated animals including treatments such as vaccinations and medications. Emphasis in this course is placed on the inter-relatedness of human, scientific, and technological dimensions of livestock production. Students interested in Veterinary Technician, Veterinarian Medicine or Agriculture Science Education as a career should take this class.

Students in Advanced Animal Science will have an opportunity to be a part of the largest student-led organization in the nation, The FFA Organization. Through the FFA, the students will have the opportunity to participate in real-world competitions and leadership contests at the district, state and national level. These competitions allow students access to more than one million dollars in scholarships annually.

### Competitions

Livestock Shows, Leadership Development Competitions, Career Development Events

### Additional Considerations

AG classes travel to Ron Whitson AG Center in Rendon. Students handle animals during class.

### Organizations



### Certifications

Meat Evaluation Certification Possible  
Student Cost: \$17.50 BBIA: \$17.50