

# **Honors Dual Credit Advanced Animal Science**

**Local Course #:** 82206

**State Course ID:** 13000700

## **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 is a comprehensive examination of 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. This course is also offered as a dual credit course through Weatherford College: AGRI 1419 Animal Science. If enrolled in dual credit, students will receive both high school and college credit upon successful completion of the class. This is a college level class, which is designed for highly motivated students who are prepared to take a college course in high school. Students must register and pay for the course through Weatherford College. This course counts as a science credit.

## **Link to TEKS:**

[https://texas-sos.appianportalsgov.com/rules-and-meetings?\\$locale=en\\_US&interface=VIEW\\_TAC\\_SUMMARY&queryAsDate=08%2F05%2F2025&recordId=220473](https://texas-sos.appianportalsgov.com/rules-and-meetings?$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F05%2F2025&recordId=220473)

## **First 9 Weeks Major Topics:**

Welcome

SAE

FFA

Animal Science Careers

Animal Science Industry

## **Second 9 Weeks Major Topics:**

Safety

Breeds

Rights and Welfare

By-Products

Cell Breakdown

Final Exam SAE Project

**Third 9 Weeks Major Topics:**

Digestive Systems

Nutrition

Facilities

Feeds and Feeding

**Fourth 9 Weeks Major Topics:**

Male and Female Reproduction

Animal Diseases

Injection Techniques

Prep for ICEV Exam

Final Exam SAE Project