

Advanced Animal Science

Local Course #: 81106

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 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.

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

Second 9 Weeks Major Topics:

Safety

Rights and Welfare

By-Products

Cell Breakdown

Final Exam SAE Project

Third 9 Weeks Major Topics:

Digestive Systems

Nutrition

Facilities

Fourth 9 Weeks Major Topics:

Male and Female Reproduction

Injection Techniques

Prep for ICEV Exam

Final Exam SAE Project