

Course Description/Goals: Students will learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the correspondence of human, scientific, and technological aspects of animal science through field and laboratory experience. Students grades will be 50% test and 50% lab. This course satisfies a high school science graduation requirement.

Course TEKS/Objectives: Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of animal production, including bovine, porcine, ovine, poultry, and aquaculture production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, 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,

Semester 1

Organic overview
Poultry
Swine
Goats/Sheep
Dairy/Beef Cattle
Livestock Breeding

Semester 2

Aquaculture
Feeds/Nutrition
Animal Marketing
Animal Harvesting
Animal Growth
Halterbreaking Calves

