

BISD Small Animal & Equine Science- Animal Science Pathway

**Small Animal (Fall Semester)**

**Scope and Sequence Course Description:** 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. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings.

◆ 1 credit, Grades 10-12

◆ **Required prerequisite:** Principles of Agriculture, Food, and Natural Resources

◆ TEKS Cluster: Agriculture, Food, and Natural Resources Endorsement: Animal Science

Meets advanced course requirement (Y/N): N

Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): N

*This class is only a 0.5 credit course.*

**Semester Outline of Instruction:**

Instructional Unit	Pacing
<p><b>First Semester</b>                      Course Requirements &amp; Get To Know You                      Blue &amp; Gold Basics: What is FFA                      Animals &amp; Society</p>	<p><b>1st Six Weeks</b></p>
<p><u>Dogs</u>                      Breeds                      Care and Grooming  <u>Cats</u>                      Breeds                      Care and Grooming  <u>Small Animals</u>                      Breeds                      Care and Maintenance</p>	<p><b>2nd Six Weeks</b></p>
<p>Basic Anatomy                      Small Animal Health, Nutrition and Care                      Common Diseases &amp; Parasites  <b>Small Animal Final</b></p>	<p><b>3rd Six Weeks</b></p>

## BISD Small Animal &amp; Equine Science- Animal Science Pathway

**Equine Science (Spring Semester)**

**Scope and Sequence Course Description:**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. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

◆ 1 credit, Grades 10-12

◆ **Required prerequisite:** Principles of Agriculture, Food, and Natural Resources

◆ TEKS Cluster: Agriculture, Food, and Natural Resources Endorsement: Animal Science

Meets advanced course requirement (Y/N): N

Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): N

*This class is only a 0.5 credit course.*

**Semester Outline of Instruction:**

<b>Instructional Unit</b>	<b>Pacing</b>
<b>Second Semester</b> Equine Industry, Domestication and Evolution Breeds Equine Issues	<b>1st Six Weeks</b>
Health & Senses Anatomy Events	<b>2nd Six Weeks</b>
Facilities Careers Evaluation <b>Equine Science Final</b>	<b>3rd Six Weeks</b>