

ANIMAL SCIENCE 2

Course Description

Students will develop knowledge and skills in a wide range of animal agriculture principles, including anatomy and physiology, health maintenance, waste disposal, and facilities. The efficient production and effective management of selected animal enterprises are covered, including beef and dairy cattle, swine, sheep and goats, poultry, and equine. Practices in veterinary medicine and those associated with small animal care are included.

Standard 1

Develop personal, leadership, and career skills through FFA participation.

Standard 2

Explain the maintenance and expansion of supervised agricultural experience (SAE) programs in agricultural education.

Standard 3

Apply management principles to improve livestock production systems.

Standard 4

Analyze the role of alternative animals in agriculture.

Standard 5

Analyze the small animal care industry.

Standard 6

Design needed facilities and equipment for the safe and efficient production of livestock.

Standard 7

Investigate the role of veterinary medicine in the animal industry.

Standard 8

Recognize potential applications of biotechnology in the animal industry.

