



# Bridges Career Academy Animal Science

Sebeka High School

Introduction to animal care careers. Learn basic information in the areas of domestic large and small animal care in the examination, treatment and vaccination of animals, prevention of animal diseases, and the anatomy and reproduction of domestic animals.

## Academic Courses

- Animal Science
- Veterinary Science
- Recreational Animals

## Career Experiences

- Listen to industry speakers
- Tour local businesses
- Attend the Bridges Career Exploration Day or other regional career fairs
- Conduct an Ag experience presentation

## Completion Standards

COMPLETE



**All courses**

GRADES

**B** ↑

ATTENDANCE



Earn a **certificate** and **green cord** at graduation



**MINNESOTA STATE**  
CAREERwise Education

*Log in* to learn more

### Explore types of careers

[www.careerwise.minnstate.edu/careers](http://www.careerwise.minnstate.edu/careers)

### Review the local job outlook

[www.careerwise.minnstate.edu/jobs](http://www.careerwise.minnstate.edu/jobs)

### Find postsecondary programs

[www.careerwise.minnstate.edu/education](http://www.careerwise.minnstate.edu/education)

## Job Skills

In addition to having technical skills, employers expect workers in this industry to have these skills:

- Listening skills
- Be an active member of a team
- Use critical thinking and problem-solving skills
- Effectively communicate
- Work with customers



# Animal Science Career Academy

## Sebeka High School

The Animal Science Academy provides students an introduction to the animal care careers in the demanding and diverse agricultural businesses. The Academy teaches basic information in areas of domestic large and small animal care in the examination, treatment and vaccination of animals, prevention of animal diseases, and the anatomy and reproduction of domestic animals. Students who are interested in hands-on jobs, working with animals and working in a fast pace environment should enroll in this Academy.

### ACADEMY COURSES

#### **Animal Science** — .5 High School Credit

The Animal Science class includes animal selection, nutrition, breeding, animal health and marketing. Emphasis will be on dairy cattle and meat animals; both the class is tailored to student interest for horses and other pleasure animals. Each student completes a project in animal science safety.

#### **Veterinary Science** — .5 High School Credit

This course is a practical introduction to animal diseases and injuries, as well as the diagnosis and treatment of disease or injury. The class will cover precautions taken to prevent and eliminate diseases. The emphasis will be on large animals (cattle, horses, sheep and pigs) but will also cover some small animals such as dogs and cats.

#### **Recreational Animals** — .5 High School Credit

This course is an introduction to the care and welfare of recreational animals such as horses, dogs, cats and other animals. The course will cover not only the nutritional care of recreational animals but the prevention of diseases and injuries of the animals. Students will have an opportunity to select a project dealing with recreational animals.

### COMPLETION STANDARD

Students wishing to receive a certification must complete all courses and must earn at least B- or better average. Additionally, students must follow the Sebeka high school attendance policy.

### CAREER EXPERIENCES

Students will explore and research careers with industry speakers, and attend the Bridges Career Exploration Day event and other regional career fairs. Farm tours, designing a livestock farm, and conducting an agricultural experience presentation resulting from five hours of out of school experiences is an essential part of the Academy.

### JOB SKILLS

In addition to having technical skills, employers expect their workers to have other skills such as:

- Listening skills
- Be an active member of a team
- Use critical thinking and problem-solving skills
- Effectively communicate
- Work with customers

**CAREER OPTIONS:** [www.careerwise.minnstate.edu/careers](http://www.careerwise.minnstate.edu/careers)

**JOB OUTLOOK:** [www.careerwise.minnstate.edu/jobs](http://www.careerwise.minnstate.edu/jobs)

**POSTSECONDARY PROGRAMS:** [www.careerwise.minnstate.edu/education](http://www.careerwise.minnstate.edu/education)

