



## Animal Science: Large Animal Production

2-Year Program

Plattsburgh Campus

The swiftly changing livestock industry offers a variety of careers for the individual interested in large animal production. This program offers basic and advanced skills in areas such as nutrition, animal husbandry, anatomy and physiology of animals and practical skills such as handling and restraint, clinical laboratory skills and medical terminology. Traditional instruction and hands-on learning enhance the students' learning experience. Upon completion of the program, students can continue on to a career or choose to enroll in post-secondary education to earn a degree in an animal-related field.



## Program Highlights

- Hands-on Learning
- Safety & Sanitization
- Handling and Animal Behavior
- Restraint Techniques
- Animal Care for all Livestock & Poultry Species
- Veterinary Medical Terminology
- Anatomy & Physiology
- Animal Nutrition
- Animal Breeding Systems
- Genetics
- Clinical Laboratory Skills
- Reproduction

## Career Connections

- Veterinary Assistant
- Veterinary Technician
- Veterinarian
- Animal Nutritionist
- Animal Pharmaceutical Representative
- Artificial Breeding Technician
- Feed Sales Representative
- County Extension Agent
- Zoologist
- Animal Laboratory Technician
- Equine Management
- Animal Production/Farm Management
- Hatchery Manager

## Articulation Agreements

- Clinton Community College
- SUNY Canton
- SUNY Cobleskill
- SUNY Delhi

## Certifications

- OSHA-10: Agriculture
- NWRC/21st Century Skills

## Special Notes

- Students are responsible for providing appropriate footwear.

## Course of Study

### Animal Care

- Appropriate feeding & watering
- Hoof trimming/Horn trimming
- Shearing/Clipping
- Deworming
- Identifying equipment

### Animal Care & Nutrition

- Large animals & poultry

### Employability Skills

### Clinical Laboratory Skills

- Job shadowing experiences paired with the student's interests

### Reproduction

### Handling & Restraint

- Large animals & poultry

### Milk Production

### Meat, Eggs, and Milk Products

### Veterinary Medical Terminology

### Anatomy & Physiology

- Internal
- External

