



# Animal Science & Management

## PATHWAY DESCRIPTION

The Animal Science & Management program is a three (3) course hands-on program of study that explores: animal production and management, physical restraint and handling, conducting health exams, evaluation of behavior, principles of genetics and reproduction, animal selection through evaluation, anatomy and physiology, animal nutrition, basic veterinary practices, global food systems, ethics of food animal production, and current agricultural issues in order to foster an understanding of the steps involved in producing and marketing products for consumers. Students practice decision-making and research skills through classroom instruction, laboratory activities, and practical experiences. The program prepares students for a variety of careers in: agribusiness, agriscience education, animal genetics, animal nutrition, animal reproduction, extension educator, marine biology, wildlife biology, veterinary medicine, zoology, animal researcher, animal processor, production manager, artificial insemination technician, animal breeder, veterinary assistant/technician, wildlife manager, zoo animal specialist, animal rescue/animal control officer, and agriculture producer.

### Sequence of Courses:

Foundations of Animal Science  
Growth and Development of Domestic Animals  
Domestic Animal Management

### Early College Credit/Credentials:

AP Environmental Science  
Pesticide Applicator Certification – Private Applicators  
Up to 3 College Credits at Delaware State University

### Work-Based Learning:

Job Shadowing  
Mock Interviews  
Resume Workshops  
Mentorships



### Certificate

Certificate Wage:  
**\$32,190**

Animal Caretakers

Delaware Technical Community College



### Associates Degree

Associates Wage:  
**\$43,450**

Animal Breeders

Delaware Technical Community College



### Bachelor's Degree

Bachelor's Wage:  
**\$68,840**

Animal Scientists

University of Delaware  
Delaware State University

Jobs and Salary ranges are sources from the U.S. Department of Labor

### Where to find this Pathway:

Appoquinimink High School  
Caesar Rodney High School  
Cape Henlopen High School  
Delmar High School  
Dover High School  
Lake Forest High School  
McKean High School

Middletown High School  
Milford High School  
Smyrna High School  
Sussex Academy of Arts and Science  
William Penn High School  
Woodbridge High School

### Ready to get started?

Visit the website for more information:



[DELAWAREPATHWAYS.ORG](http://DELAWAREPATHWAYS.ORG)

