Plant Science

PATHWAY DESCRIPTION

The Plant Science program of study is a three (3) course Career & Technical Education (CTE) instructional program designed to provide students with knowledge of plant growth and reproduction, as well as the use of plants for food, fiber, and ornamental purposes. The program prepares students for a variety of careers in: agronomy, ornamental horticulture, biotechnology, forestry, soil science, and turf management.

Sequence of Courses:
- Foundations of Plant Science (FPS)
- Plant and Soil Systems (PSS)
- Plant Systems Management & Sustainability (PSMS)

Early College Credit/Credentials:
- 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: $33,910
- Pesticide Handlers, Sprayers, and Applicators, Vegetation
- Delaware Technical Community College

Associates Degree
- Associates Wage: $50,920
- Biological Technicians
- Delaware Technical Community College

Bachelor’s Degree
- Bachelor’s Wage: $55,620
- Soil and Plant Scientists
- University of Delaware
- Delaware State University

Where to find this Pathway:
- Appoquinimink High School
- Caesar Rodney High School
- Cape Henlopen High School
- Christiana High School
- Delmar High School
- Lake Forest High School
- Laurel High School
- McKean High School
- Middletown High School
- Milford High School
- Smyrna High School
- William Penn High School
- Woodbridge High School

Ready to get started?
Visit the website for more information:
DELAWAREPATHWAYS.ORG