



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

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
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

