Employment of Agricultural and Food Scientists is projected to grow by about 9% over the next 10 years. The median pay for an Agricultural or Food Scientist in 2020 was $68,830 per year or $33.09 per hour.

(Source: United States Bureau of Labor Statistics)

Agricultural Science provides a rigorous, hands on scientific education geared primarily for college bound students interested in Biology, Biotechnology, Ecology or Modern Agricultural Sciences. The curriculum includes scientific instruction in microbiology, plant and animal sciences, traditional and hydroponic operations, organic chemistry, natural resources, and agricultural mechanics. Students are also prepared to become leaders in their fields with instruction in communication, leadership, project management and marketing. The program provides students the opportunity to engage in local events run by the National FFA (formerly known as Future Farmers of America) which allows professional connections to be made with the Agricultural and Biotech communities. Seniors may earn college credits through articulation agreements with the County College of Morris, Delaware Valley University and Rutgers University.

Curriculum:
Year 1: Introduction to Agriculture, Food and Natural Resources
Year 2: Principles of Plant Agricultural Science
Year 3: Animal and Plant Biotechnology
Year 4: Agribusiness, Research and Development
-Independent Study: Agricultural Business Foundations

Classes meet for 3 periods/2 hours per day, 5 days a week
Average number of new students accepted per year: 8
Opportunity for professional certifications: YES, OSHA 10 Hour Certification
Opportunity to earn college credits: YES

Future Careers for Agricultural Science Students

Agriculture Teacher/Professor
Animal or Plant Geneticist
Biochemist
Biollogist
Ecologist
Environmental/Civil/Physical Engineer
Food Scientist
Hydrologist
Landscape Architect
Marine/Coastal Scientist
Microbiologist
Naturalist
Veterinarian
Wildlife Biologist
300+ other job titles

Source: Oregon State University, College of Agricultural Sciences

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Somerset County Vocational & Technical Schools  908-526-8900  www.scvths.org  2021-22
FFA is an intercurricular student organization for those interested in agriculture and leadership. It is one of three components of agricultural education, the other two components being classroom based learning and service or work based learning.

SCVTHS students have the opportunity to compete for state and national recognition in both SkillsUSA and FFA competitions.

Recent Awards

2017  NJ FFA  Outstanding Officer Team award
2018  NJ FFA  1st place Agricultural Sales competition
2018  NJ FFA  Bronze medal Community Service Challenge
2019  NJ FFA  National Chapter Award
2019  SCVTHS Senior was named SCVTHS Valedictorian
2020  NJ FFA  1st Place Agriscience Fair
2021  SCVTHS Two SCVTHS Scholar Athletes

Classroom and lab work range from traditional instruction to college level biological experiments that provide a strong academic foundation for student growth.

Hands on projects teach scientific thinking as well as project management, leadership skills, and the real world application of scientific principles learned in the classroom.

All Somerset County Vocational & Technical School programs are supported by a community advisory panel. The Agricultural Science advisory panel members include:

Franz Bach  Koba Corporation
Bruce Crawford  Morris County Parks
Dr. Christine Jenkins  Zoetis
Tomy & Andrea Kennette  Martenette Farms
Darrell Marcinek  Somerset County Parks
Everette Merrill  Former Parent
Erin Noble  NJ Dept. of Agriculture- Office of Food, Agriculture & Natural Resources Education
Nick Polanin  Rutgers, Somerset County Extension
Craig Tolley  County College of Morris