



SCIENCE & HEALTH PATHWAY



Do you like working with animals and plants? Math and science courses? Cutting edge technology? Solving problems? Research and data?

If so, this pathway may be for you!

Cultivating students' awareness, understanding and application in career areas that include:

AGRICULTURE
FOOD & NATURAL RESOURCES
CONSERVATION
ANIMAL SCIENCES

Sample Employers from this Pathway:

Animal Care Hospitals, Bingaman & Son Lumber Inc., Brightfarms, Conagra Brands, Conestoga Wood Specialties, Creative Landscapes Inc., Kurt Weiss Greenhouses, Inc., Pik-Rite Inc., Reinhart Food Services, Rovendale Ag & Barn Inc., Tractor Supply Co., etc.

Central Pennsylvania's Agriculture Occupations

Prepared by **Advance Central PA**
Source: Center for Workforce Information and Analysis (www.workstats.dli.pa.gov)

Food Service Managers

Related Work Experience

\$39,080

Entry Level Wages

\$57,990

Average Wages

Farmworkers, Farm, Ranch & Aquacultural Animals

Short-Term On-the-Job Training

\$18,690

Entry Level Wages

\$29,390

Average Wages

Soil & Plant Scientists

Bachelor's Degree

\$61,460

Entry Level Wages

\$78,080

Average Wages

Conservation Scientists

Bachelor's Degree

\$33,110

Entry Level Wages

\$54,940

Average Wages

Veterinarians

Doctoral (PhD)

\$52,980

Entry Level Wages

\$94,210

Average Wages

**2022
CAREER READY
Central PA**

CAREER PLANNING

KNOW YOURSELF

Identify your values, strengths, and skills and how they relate to your career goals.

TRY OUT CAREERS

Interview a professional, participate in a job shadow or internship, and network.

WORK YOUR PLAN

Apply to the job, post-secondary training or education option that aligns with your career interests.



RESEARCH CAREERS

Know the required education or training; the job outlook; and the potential earning and advancement opportunities.

RESEARCH REQUIREMENTS

Look at all the options (on-the-job training, apprenticeship, or programs and costs) aligned with your career interests.

What courses are offered in the Agricultural Pathway? Choices vary at each school but may include the following:

Agriculture Courses:

Ag Business
Forestry
Horticulture
Landscaping
Plant Science
Soil Science
Veterinary Science

Science Courses:

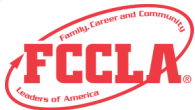
Advanced Placement Biology
Advanced Placement Chemistry
Anatomy and Physiology Biology
Chemistry
Earth Science
Ecology
Environmental Science



SUN Area Technical Institute offers state of the art programs:

Advanced Wood Products
Culinary

In addition to courses, students may have opportunities to experience careers in the Science & Health fields through job shadows, internships and other real world experiences.



Additional Central PA Agricultural Occupations

Occupation	Education Level	Entry Annual Wage	Average Annual Wage	2026 Jobs (Projected)
Zoologists & Wildlife Biologists	BD	\$59,530	\$74,270	n/a
Geoscientists	BD	\$52,950	\$75,080	100
Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	\$19,440	\$27,310	2,770
Logging Equipment Operators	MT OJT	\$25,720	\$32,060	n/a
Farm Equipment Mechanics & Service Technicians	LT OJT	\$26,240	\$34,760	90
Agricultural Engineers	BD	\$43,080	\$66,880	n/a
Buyers & Purchasing Agents	BD	\$39,850	\$56,970	n/a
Food Service Managers	WK EXP	\$44,160	\$66,790	8,560
Foresters	BD	\$66,160	\$76,000	40
Graders & Sorters, Agricultural Products	ST OJT	\$26,360	\$19,520	1,230
Biological Technicians	BD	\$35,830	\$50,140	60
Agricultural Sciences Teachers, Postsecondary	Phd	\$46,590	\$79,920	420
Agricultural Inspectors	BD	\$44,070	\$57,070	440
Agricultural Equipment Operators	MT OJT	\$17,630	\$57,070	3,060
Veterinary Technologists & Technicians	AD	\$25,410	\$33,190	260
Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	\$20,290	\$26,170	180

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LEGEND: **ST OJT:** Short-Term, On-the-Job Training **MT OJT:** Moderate-Term, On-the-Job Training **LT OJT:** Long-Term, On-the-Job Training
WK EXP: Related Work Experience **PS/PS+:** Post-Secondary Training **AD/AD+:** Associate Degree
BD/BD+: Bachelor's Degree **MD/MD+:** Master's Degree **PHD/PROF:** Professional Degree

Members of Career Ready Central PA, a regional organization whose mission is to “implement a comprehensive career education strategy to create and share resources and opportunities for schools, students, families and businesses that will produce a skilled, sustainable workforce,” developed this brochure. Career Ready Central PA members represent area school districts, universities, workforce development agencies, local business/industry, and nonprofit organizations. Learn more at www.pathtocareers.org.