

Health Science

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Biomedical Science (Academy) Statewide Program of Study



Career & Technical Education

The Biomedical Science program of study focuses on the study of biology and medicine in order to introduce CTE learners to the knowledge and skills necessary to be successful in the healthcare field, such as researching and diagnosing diseases, pre-existing conditions, or other determinants of health. Students may also practice patient care and communication.

Secondary Courses for High School Credit

9th Grade

- Principles of Biomedical Sciences (PLTW)

10th Grade

- Human Body Systems (PLTW)

and

- Medical Terminology

11th Grade

- Medical Interventions (PLTW)

and

- Health Science Theory (AAC)

12th Grade

- Biomedical Innovation (AAC) (PLTW)

Postsecondary Opportunities

Associates Degrees

- Biotechnology
- Biological Sciences

Bachelor's Degrees

- Biology
- Cellular and Molecular Biology

Master's, Doctoral, and Professional Degrees

- Forensic Science and Technology
- Biomedical Sciences

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities

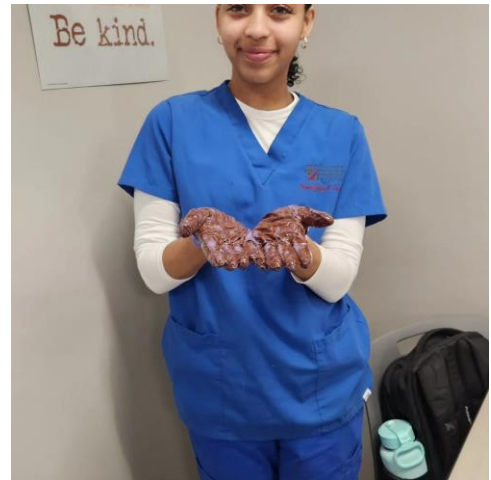
- Join Health Occupations Students of America (HOSA)

Work-Based Learning Activities

- Intern at a lab
- Shadow a healthcare or medical professional

Industry-Based Certifications

- American Heart Association Heartsaver CPR/First Aid



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Medical Equipment Preparers	\$38,827	519	18%
Forensic Science Technicians	\$56,971	249	22%
Biological Technicians	\$45,787	879	14%