



# Health Science Career Pathway

Certificate,  
Pharmacy Technician

Bachelor's Degree,  
Chemistry

Doctoral Degree,  
Pharmacy

## Start Pre-Health

As early as grade 7  
(based on readiness)

## Pharmacy Technician

Median Salary: \$26,740  
Job Growth (10 yr): 19.5%  
Annual Openings: 541  
Average Tuition (1 yr): \$0 – \$3,900/yr

## Chemist

Median Salary: \$64,180  
Job Growth (10 yr): 0.6%  
Annual Openings: 102  
Average Tuition (4 yrs): \$9,600/yr

## Pharmacist

Median Salary: \$114,520  
Job Growth (10 yr): 15.1%  
Annual Openings: 478  
Average Tuition (4 yrs): \$31,500/yr



Workplace Visits  
Job Shadow  
Internship  
Work

Supervised Experience  
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Work

Supervised Experience  
Internship  
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Work

Internship  
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Work

Provided by middle schools, high schools, employers, Ohio Tech Centers, and colleges.

**Preparing students for multiple options after high school:**  
gainful employment and/or postsecondary study.

Ohio In-demand Occupations

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit [ohiohighered.org](http://ohiohighered.org).



# Health Science Career Pathway

Secondary Pathway: **Medical Bioscience**

Postsecondary Program: **Chemical Technology**

## An Example of Courses with Secondary and Postsecondary Credits

Secondary	7 8	English I	Algebra I	Physical Science	Social Studies	Fine Arts	Health Science & Technology		
	9 10	English II	Geometry	Biology	World History	Health (.5) PE (.5)	Principles of Biomedical Technology	Biomedical Engineering	World Languages
	11	English III	Algebra II	Chemistry	U.S. History	Human Pathophysiology	World Languages		
	12	English IV	Trigonometry/ Calculus	Anatomy & Physiology	U.S. Government	Biochemistry of Health	Genetics of Disease		
Postsecondary	Year 1 1st Semester	English Composition	Statistics I	Chemistry I	Chemical Technology I	Social Science Elective			
	Year 1 2nd Semester	Statistics II	Calculus I	Chemistry II	Chemical Technology II	Bio-Organic Chemistry	Chemical Technology Co-Op I		
	Year 2 1st Semester	Composition II	Public Speaking	Calculus II	Analytical Chemistry	Biology I			
	Year 2 2nd Semester	Capstone	Social Science Elective	Calculus III	Instrumental Analysis	Biology II	Chemical Technology Co-Op II		

### High School Career-Technical Education Program Courses

### High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses

### Required Courses

### Recommended Electives

Visit [education.ohio.gov/CareerConnections](http://education.ohio.gov/CareerConnections) for reference information.

Course titles and sequences will vary between schools.

11/2014