



# Health Science Career Pathway

Certificate,  
Practical Nursing  
(LPN)

Associate or Bachelor's  
Degree, Nursing  
(RN or BSN)

Master's Degree,  
Nurse Anesthetist  
(CRNA)

## Start Pre-Health

As early as grade 7  
(based on readiness)

## Licensed Practical Nurse

Median Salary: \$39,910  
Job Growth (10 yr): 17.1%  
Annual Openings: 1,831  
Average Tuition (1 yr): \$0 – \$3,900/yr

## Registered Nurse

Median Salary: \$60,010  
Job Growth (10 yr): 20.4%  
Annual Openings: 5016  
Average Tuition (2 yrs): \$3,900/yr  
Average Tuition (4 yrs): \$9,600/yr

## Nurse Anesthetist

Median Salary: \$139,270  
Job Growth (10 yr): 25%  
Annual Openings: 4910  
Average Tuition (2 yrs): \$11,300/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: **Allied Health and Nursing**

Postsecondary Program: **Nursing**

## An Example of Courses with Secondary and Postsecondary Credits

|               |                        |                                   |                                    |                                     |                                     |                                |                             |                        |                 |
|---------------|------------------------|-----------------------------------|------------------------------------|-------------------------------------|-------------------------------------|--------------------------------|-----------------------------|------------------------|-----------------|
| Secondary     | 7<br>8                 | English I                         | Algebra I                          | Physical Science                    | Social Studies                      | Fine Arts                      | Health Science & Technology |                        |                 |
|               | 9<br>10                | English II                        | Geometry                           | Biology                             | World History                       | Health (.5)<br>PE (.5)         | Principles of Allied Health | Nutrition and Wellness | World Languages |
|               | 11                     | English III                       | Algebra II                         | Chemistry                           | U.S. History                        | Mental Health                  | Medical Terminology         | World Languages        |                 |
|               | 12                     | English IV                        | Trigonometry/<br>Calculus          | Anatomy & Physiology                | U.S. Government                     | Clinical Laboratory Techniques | Patient Centered Care       |                        |                 |
| Postsecondary | Year 1<br>1st Semester | English                           | College Algebra                    | College Seminar                     | Nursing Foundations                 | Human Growth & Development     | Human Anatomy               | Patient Care           |                 |
|               | Year 1<br>2nd Semester | Statistics                        | Health Maintenance & Restoration I | Pharmacology                        | Human Physiology                    | Family & Community Health      | Human Pathophysiology       | Biochemistry           |                 |
|               | Year 2<br>1st Semester | Interpersonal Communication       | Microbiology                       | Health Maintenance & Restoration II | Psychiatric & Mental Health Nursing | Psychology                     |                             |                        |                 |
|               | Year 2<br>2nd Semester | Nursing, Leadership, & Management | Humanities Elective                | Technical Elective                  |                                     |                                |                             |                        |                 |

### 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