



# HEALTH SCIENCE

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## PROGRAM OVERVIEW

Health Science students study topics such as human anatomy and physiology, medical terminology, medical ethics, CPR, and practical skills applicable to all health-related occupations. Job shadow experiences are completed during year one. Year two includes an extended lab experience at a clinical site with the opportunity to earn CNA certification, and Ivy Tech Certificates in CNA and Dementia Care while at WCC. This program prepares students to work in long term care facilities, or to enter a postsecondary program. The Pharmacy Technician certification is also available and completed outside of class time.

## YOU WILL LEARN

- Anatomy, physiology, medical terminology, & medical ethics
- Patient care with a focus on nursing
- How to work with other health care professionals
- Overviews of other skilled areas, including physical therapy, respiratory therapy, imaging, & dental assisting

## GET YOURSELF READY

To be successful, do well in all academic classes, be on track for graduation, and have a good work ethic. The following courses will help prepare you for the Health Science program:

- Preparing for College and Careers
  - Nutrition and Wellness
  - Interpersonal Relationships



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## CERTIFICATIONS & DUAL CREDITS

American Heart Association CPR & First Aid  
CNA (Indiana State Certified Nursing Assistant)

Dementia Care  
Pharmacy Technician

### Ivy Tech Dual College Credits

HLHS 100	Introduction to Health Careers	3 credits
HLHS 101	Medical Terminology	3 credits
HLHS 102	Essential Anatomy and Physiology	3 credits
HLHS 107	CNA Prep	5 credits
HLHS 113	Dementia Care	3 credits
HLHS 105	Medical Law and Ethics	3 credits
HLHS 122	Electronic Health Records	3 credits
HLHS 125	Behavioral Health	3 credits

Dual credits are earned in both years.

Earn the Ivy Tech Certificates in CNA and Dementia Care at WCC. Take dual credit classes at your high school to work toward the next steps of a Technical Certificate and/or Associate in a health related field:

- Dual Credit English
- Dual Credit Speech
- Dual Credit Math
- Dual Credit Psychology
- Dual Credit Science

\* Dual credits offered are subject to change before the 2022-2023 year due to change in state requirements.

## NEXT CAREER STEPS

Upon completing this program, you may continue your education in 2 or 4-year postsecondary degree programs, obtain employment in the healthcare industry as a CNA or Pharmacy Technician, and/or use the certifications to work while continuing your education.

## POTENTIAL CAREERS

• Registered Nurse	\$65,000
• Pharmacy Technician	\$33,880
• EMT & Paramedic	\$34,280
• Respiratory Therapist	\$59,270
• Dental Assistant	\$40,880
• Medical Assistant	\$34,720
• Occupational Therapist	\$82,130
• Occupational Therapy Assistant	\$52,920
• Physical Therapist	\$88,210
• Physician Assistant	\$105,540
• Nurse Practitioner	\$109,450

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All career and salary information is cited from the U.S. Department of Labor Bureau of Labor Statistics, May 2020 State Occupational Employment & Wage Estimates.

## TRANSCRIPT INFORMATION

NEXT LEVEL  
PROGRAM OF STUDY

Cluster: Health Sciences

Pathway: Pre-Nursing

### HEALTH SCIENCE YEAR I

\*Course sequence subject to change.

#### DOE Course Codes:

7168	Principles of Healthcare	1 credit per semester
5274	Medical Terminology	1 credit per semester
7166	Healthcare Specialist: CNA	1 credit per semester

Co-requisites: Courses must be taken concurrently  
Recommended Grade Levels: 11, 12

### HEALTH SCIENCE YEAR II

#### DOE Course Codes:

5284	Health Science Education II: Nursing	3 credits per semester
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Prerequisite: Year I

Recommended Grade Level: 12



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