



# Health Science

## PATHWAY: Nursing

Do you want to help people who are injured or ill? Do you want to care for babies, adults, or the elderly?  
Are you interested in learning about medicine and the human body?

**COURSES IN YELLOW** are pathway concentrator courses and must be finished with a **C- average or above** to meet Indiana's 3<sup>rd</sup> requirement to graduate.  
**COMPLETE ALL COURSES** below with a B- or above to graduate with **Academy recognition**.

| COURSE NAME   | GRADES AVAILABLE         | LENGTH           | PERIODS PER DAY | DUAL (COLLEGE) CREDITS POSSIBLE | FULFILLS CORE 40 CREDITS AS... |
|---|--------------------------|------------------|-----------------|---------------------------------|--------------------------------|
| Medical Terminology   | 11, 12                   | Year             | 1               | 3                               |                                |
| Honors Anatomy & Physiology<br><b>OR</b><br>PLTW Honors Human Body Systems<br><i>(Prerequisite: PLTW Honors Principles of Biomedical Science)</i> | 11, 12<br><br>10, 11, 12 | Year<br><br>Year | 1<br><br>1      |                                 | Science<br><br>Science         |
| <b>HEALTH SCIENCE EDUCATION I &amp;<br/>HEALTH SCIENCE EDUCATION II: NURSING</b><br>(REQUIRED CONCENTRATOR COURSE)                                | <b>12</b>                | <b>YEAR</b>      | <b>4</b>        | <b>11</b>                       |                                |

Acceptance into some courses may depend on meeting additional requirements listed in the COURSE OF STUDY GUIDE.

**State- and Industry-Recognized Certification:**  
Certified Nursing Assistant

Must earn a specified certification or dual credit to graduate  
with Academy recognition. Apply your senior year.

Check out the list below for more courses related to this pathway - see the Course of Study Guide for details.

- AP Biology
- Biology II
- Chemistry I
- Child Development
- **Family, Career and Community Leaders of America Club (FCCLA)**
- Human Development and Wellness

- Interpersonal Relationships
- Life Guarding
- Life Guarding and Water Safety Instructor
- Nutrition and Wellness
- PLTW Principles of Biomedical Sciences

| Possible Careers Requiring 0-4 Years of Additional Training or Education   |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Certified Nursing Assistant (CNA)</li> <li>• Doula</li> <li>• Home Health Aide</li> <li>• Licensed Practical Nurse (LPN)</li> <li>• Mammography Technician</li> </ul> | <ul style="list-style-type: none"> <li>• Patient Care Technician</li> <li>• Phlebotomist</li> <li>• Physical Therapy Assistant</li> <li>• Radiology Technician</li> <li>• Sleep Lab Technician</li> </ul> |

| Possible Careers Requiring 4+ Years of Additional Training or Education  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Case Manager</li> <li>• Certified Registered Nurse Anesthetist</li> <li>• Director of Nursing</li> <li>• Doctor</li> <li>• Midwife</li> </ul> | <ul style="list-style-type: none"> <li>• Nurse Practitioner</li> <li>• Oncology Nurse</li> <li>• Public Health Nurse</li> <li>• Registered Nurse (RN)</li> <li>• Surgeon</li> </ul> |

| Local Industry Partners    |                              |
|----------------------------|------------------------------|
| Ivy Tech Community College | Kosciusko Community Hospital |

| THREE GRADUATION REQUIREMENTS   |   |
|---|---|
| THREE REQUIREMENTS  | OPTIONS (Pick <u>at least one</u> in <u>EACH</u> box)   |
| <p><b>1</b></p> <p><b>HIGH SCHOOL DIPLOMA</b></p> <p>Must complete <u>at least one</u> item<br/>Check all that apply</p>              | <input type="checkbox"/> Core 40<br><input type="checkbox"/> Core 40 with Academic Honors<br><input type="checkbox"/> Core 40 with Technical Honors   |
| <p><b>2</b></p> <p><b>EMPLOYABILITY SKILLS</b></p> <p>Must complete <u>at least one</u> item<br/>Check all that apply</p>             | <input type="checkbox"/> Project-Based Learning Experience<br><input type="checkbox"/> Service-Based Learning Experience<br><input type="checkbox"/> Work-Based Learning Experience   |
| <p><b>3</b></p> <p><b>POSTSECONDARY-READY COMPETENCIES</b></p> <p>Must complete <u>at least one</u> item<br/>Check all that apply</p> | <input type="checkbox"/> Complete:<br>Concentrator courses and their prerequisite courses (in <b>YELLOW</b> ) from a pathway<br>Maintain a C- average minimum in the <b>CONCENTRATOR COURSES</b> for that pathway<br>Chosen pathway: _____<br><input type="checkbox"/> Core 40 with Technical Honors diploma<br><input type="checkbox"/> Core 40 with Academic Honors diploma<br><input type="checkbox"/> AP/Dual Credit: Must earn a C- <u>average</u> or higher in at least three courses<br><input type="checkbox"/> ACT with college-ready benchmarks<br><input type="checkbox"/> SAT with college-ready benchmarks<br><input type="checkbox"/> ASVAB with minimum AFQT score to qualify for placement into one of the branches of the US military<br><input type="checkbox"/> State- and Industry-recognized credential or certification<br><input type="checkbox"/> State-, Federal-, or Industry-recognized apprenticeship |

# \_\_\_\_\_ 's Four-Year Plan

| GRAD | English                   | Math                                       | Science                                   | Social Studies  | Physical Education/<br>Health or 3 FACS   | Elective Courses | Pathway and<br>Academy Courses | Summer<br>School<br>Credits             |
|------|---------------------------|--|---|---|---|------------------|--------------------------------|---|
|      |                           | Fill blanks with electives                 | Fill blanks with electives                | Fill blanks with electives                                  | Fill blanks with electives                |                  | Fill blanks with electives     |   |
| 7/8  | Any middle school credits |  |   |   |   |                  |                                |   |
| 9    | English 9                 | Algebra I                                  | Biology I                                 | World History Civ. A or B (9-10th grade)                    | Preparing for College & Careers           |                  |                                | Session A before 9 <sup>th</sup> grade  |
|      | (continued)               | (continued)                                | (continued)                               | World History Civ. A or B (9-10th grade)                    | PE credit                                 |                  |                                | Session B before 9 <sup>th</sup> grade  |
| 10   | English 10                | Geometry                                   | Chemistry I, or ICP, or Physics I         |   | PE credit or waiver                       |                  |                                | Session A before 10 <sup>th</sup> grade |
|      | (continued)               | (continued)                                | (continued)                               |   | Health or 2 other qualifying FACS credits |                  |                                | Session B before 10 <sup>th</sup> grade |
| 11   | English 11                | Algebra II                                 | Qualifying Core 40 science of your choice | U.S. History  |   |                  |                                | Session A before 11 <sup>th</sup> grade |
|      | (continued)               | (continued)                                | (continued)                               | (continued)   |   |                  |                                | Session B before 11 <sup>th</sup> grade |
| 12   | English 12                | Quantitative reasoning or math recommended |   | Government  |   |                  |                                | Session A before 12 <sup>th</sup> grade |
|      | (continued)               |  |   | Economics (fulfills requirement for quantitative reasoning) |   |                  |                                | Session B before 12 <sup>th</sup> grade |