

## Angola High School College and Career Pathway Plan

**Cluster: Health Science**

**Career Pathway: Biotechnology**

**Concentration:**

**Focus:**

### Core 40 with Honors High School Graduation Plan\*

\*This is a SAMPLE plan for schools to use in planning. Course sequences and grade level in which courses are offered may vary according to local policies, practices and resources.

Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.

| SECONDARY   | Grade | English/<br>Language<br>Arts | Math         | Science                       | Health/PE<br>Social Studies      | CTE/Career Preparation Courses<br>for this Pathway |  | Other Elective Courses<br>for this Pathway      |                              |
|---|-------|------------------------------|--------------|-------------------------------|----------------------------------|--|--|---|------------------------------|
|   | 9     | English 9                    | Algebra I    | Biology                       | Physical Ed And<br>World History | Preparing for College &<br>Careers                 | Digital Applications &<br>Responsibilities | Fine Arts                                       | Spanish I or<br>French I     |
|   | 10    | English 10                   | Geometry     | Chemistry                     | Health                           |  | Current Health Issues                      | Information<br>Communications and<br>Technology | Spanish II or<br>French II   |
|   | 11    | English 11                   | Algebra II   | Anatomy /<br>Physiology       | US History                       | AP Chemistry or Dual Credit<br>Chemistry I         |  | Fine Arts                                       | Spanish III or<br>French III |
|   | 12    | English 12                   | Pre-Calculus | AP Biology or<br>DC Biology I | Government<br>Economics          |  |  | Personal Financial<br>Responsibility            |                              |
| <b>State specified Pathway Assessments: National ECAs</b> |       |                              |              |                               |                                  |  |  |   |                              |
| <b>Industry Recognized Certification:</b>                 |       |                              |              |                               |                                  |  |  |   |                              |

### Postsecondary Courses Aligned for Potential Dual Credit\*\*

\*\*See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

#### Ivy Tech

- Biol 101 Biology I
- Chem 105 Chemistry I