

**Major Requirements (70 credits)**

- \_\_\_ (4) BIOL 20300 Human Anatomy & Physiology
- \_\_\_ (4) BIOL 20400 Human Anatomy & Physiology
- \_\_\_ (4) BIOL 22100 Introduction to Microbiology
- \_\_\_ (4) CHM 11500 General Chemistry
- \_\_\_ (4) CHM 11600 General Chemistry
- \_\_\_ (3) CHM 25500 Organic Chemistry
- \_\_\_ (1) CHM 25501 Organic Chemistry Lab
- \_\_\_ (3) CHM 25600 Organic Chemistry
- \_\_\_ (1) CHM 25601 Organic Chemistry Lab
- \_\_\_ (3) CHM 33300 Principles of Biochemistry or CHM 33900 Biochemistry: A Molecular Approach
- \_\_\_ (3) \_\_\_\_\_ *English Selective – select any 20000 level or above ENGL course*
- \_\_\_ (3) HDFS 21000 Introduction to Human Development
- \_\_\_ (2) HSCI 10100 Intro to Health Sciences Professions
- \_\_\_ (2) HSCI 13100 Medical Terminology
- \_\_\_ (3) HSCI 20100 Principles of Public Health Science **[Fulfills Science, Technology & Society Core]**
- \_\_\_ (3) HSCI 20200 Essentials of Environmental, Occupational, and Radiological Health Sciences
- \_\_\_ (3) HSCI 58000 Occupational Ergonomics
- \_\_\_ (3) MA 16020 Applied Calculus II
- \_\_\_ (3) OLS 25200 Human Relations in Organizations or OLS 27400 Applied Leadership
- \_\_\_ (4) PHYS 23300 Physics for Life Sciences I
- \_\_\_ (4) PHYS 23400 Physics for Life Sciences II
- \_\_\_ (3) \_\_\_\_\_ *Psychology Selective – select any PSY course numbered 10000-59999 except PSY 12000*
- \_\_\_ (3) STAT 30100 Elementary Statistical Methods

**Required Courses in Other Departments (23-24 credits)**

- \_\_\_ (4) BIOL 11000 Fundamentals of Biology I **[Fulfills 1 Science Core Course]**
- \_\_\_ (4) BIOL 11100 Fundamentals of Biology II **[Fulfills 1 Science Core Course]**
- \_\_\_ (3) COM 11400 Fundamental of Speech Communication **[Fulfills Oral Communication Core]**
- \_\_\_ (4-3) ENGL 10600 First Year Composition or ENGL 10800 Accelerated First-Year Composition **[Fulfills Written Communication Core] and [Information Literacy Core]**
- \_\_\_ (3) MA 16010 Applied Calculus I **[Fulfills Quantitative Reasoning Core]**
- \_\_\_ (3) PSY 12000 Elementary Psychology **[Fulfills Behavior/Social Science Core]**
- \_\_\_ (3) \_\_\_\_\_ **[Humanities Core]** – *select from University list*

**Electives (26-27 credits)**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| ___( ) _____ | ___( ) _____ | ___( ) _____ | ___( ) _____ |
| ___( ) _____ | ___( ) _____ | ___( ) _____ | ___( ) _____ |
| ___( ) _____ | ___( ) _____ | ___( ) _____ | ___( ) _____ |

*An Ethics course (such as PHIL 11100 Ethics or PHIL 27000 Biomedical Ethics) is highly recommended.*

**All students must complete 32 credits of 30000 level or higher courses at Purdue for graduation.**

**120 credits required for Bachelor of Science degree**

University Foundational Learning Outcomes List:

<https://www.purdue.edu/provost/initiatives/curriculum/course.html>

**Suggested Arrangement of Courses:**

| Credits      | Fall 1st Year  | Prerequisite | Credits   | Spring 1st Year          | Prerequisite           |
|--------------|--|--------------|-----------|--------------------------|------------------------|
| 4            | *BIOL 1100 <sup>CC</sup>   |              | 4         | *BIOL 1110 <sup>CC</sup> | BIOL 1100              |
| 4            | *CHM 1150 <sup>CC</sup> MA 15400 or MA 15800 or ALEKS = 75       |              | 4         | *CHM 1160 <sup>CC</sup>  | CHM 11200 or CHM 11500 |
| 4-3          | *ENGL 10600 OR 10800 <sup>CC</sup>                               |              | 3         | *COM 11400 <sup>CC</sup> |                        |
| 2            | HSCI 10100 <sup>CC</sup> Fall only                               |              | 3         | *MA 16020 <sup>CC</sup>  | MA 16010 = C-          |
| 3            | *MA 16010 <sup>CC</sup> ALEKS = 75 or MA 15400 = C- or 15800 = C |              |           |                          |                        |
| <b>16-17</b> |  |              | <b>14</b> |                          |                        |

| Credits   | Fall 2nd Year  | Prerequisite | Credits   | Spring 2nd Year  | Prerequisite         |
|-----------|--|--------------|-----------|--|----------------------|
| 4         | *BIOL 20300 Fall only  |              | 4         | *BIOL 20400 Spring only  | BIOL 20300           |
| 3         | CHM 25500 <sup>CC</sup> CHM 11200 or CHM 11600                   |              | 3         | CHM 25600 <sup>CC</sup>  | CHM 25500            |
| 1         | CHM 25501 <sup>CC</sup> (CHM 25500) or may be taken concurrently |              | 1         | CHM 25601 <sup>CC</sup> (CHM 25600) or may be taken concurrently |                      |
| 3         | *HSCI 20200 <sup>CC</sup> Fall only 3 credits in BIOL & CHM      |              | 3         | *HSCI 20100 <sup>CC</sup> Spring only                            | Classification of 03 |
| 4         | PHYS 23300 <sup>CC</sup> CHM 11500 & BIOL 11100 & MA 16020       |              | 4         | PHYS 23400 <sup>CC</sup>   | Phys 23300           |
| <b>15</b> |  |              | <b>15</b> |  |                      |

| Credits   | Fall 3rd Year   | Prerequisite | Credits   | Spring 3rd Year        | Prerequisite           |
|-----------|---|--------------|-----------|------------------------|------------------------|
| 3         | CHM 33300 or (CHM 33900 Spring only) CHM 25600          |              | 3         | *HDFS 21000            |                        |
| 3         | *STAT 30100   |              | 2         | HSCI 13100             |                        |
| 3         | *PSY 12000  |              | 4         | BIOL 22100             | BIOL 11000 & CHM 11600 |
| 3         | English Selective Select any 20000 or above ENGL course |              | 3         | OLS 25200 or OLS 27400 |                        |
| 3         | Elective  |              | 3         | Elective               |                        |
| <b>15</b> |   |              | <b>15</b> |                        |                        |

| Credits   | Fall 4th Year                                      | Prerequisite | Credits      | Spring 4th Year      | Prerequisite |
|-----------|--|--------------|--------------|----------------------|--------------|
| 3         | HSCI 58000 Fall only BIOL 20400 & PHYS 23400       |              | 3            | Psychology Selective |              |
| 3         | Elective   |              | 3            | Elective             |              |
| 3         | *Humanities Selective. Select from University list |              | 3            | Elective             |              |
| 3         | Elective   |              | 3            | Elective             |              |
| 3         | Elective   |              | 2-3          | Elective             |              |
| <b>15</b> |  |              | <b>14-15</b> |                      |              |

\*Satisfies a University Core Requirement.

<sup>CC</sup> Critical Courses - identified by the state of Indiana that a student must be able to persist and succeed.

Students must complete 32 credit hours of 30000 level or higher courses for graduation at Purdue.

An Ethics course (such as PHIL 11100 Ethics or PHIL 27000 Biomedical Ethics) is highly recommended.

120 semester credits required for Bachelor of Science degree.

2.0 Graduation GPA required for Bachelor of Science degree.

The student is ultimately responsible for knowing and completing all degree requirements.

Degree Works is knowledge source for specific requirements and completion