

Student: \_\_\_\_\_ PUID: \_\_\_\_\_ Catalog Term: Fall 2017

Additional Majors: \_\_\_\_\_ Minors: \_\_\_\_\_

**Major Requirements (75 credits)**

- \_\_\_ (4) BIOL 20300 Human Anatomy & Physiology
- \_\_\_ (4) BIOL 20400 Human Anatomy & Physiology
- \_\_\_ (4) CHM 11500 General Chemistry
- \_\_\_ (4) CHM 11600 General Chemistry
- \_\_\_ (4) CHM 25700 Organic Chemistry
- \_\_\_ (1) CHM 25701 Organic Chemistry Laboratory
- \_\_\_ (3) CHM 33300 Principles of Biochemistry
- \_\_\_ (3) \_\_\_\_\_ *English Selective – select any 20000 level or above ENGL course*
- \_\_\_ (3) HDFS 21000 Introduction to Human Development
- \_\_\_ (3) \_\_\_\_\_ *HK Selective – select any HK course numbered 10000-59999 – HK 36800 Exercise Physiology I preferred*
- \_\_\_ (2) HSCI 10100 Introduction to the Health Sciences Professions
- \_\_\_ (2) HSCI 13100 Introduction to 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 Safety and Ergonomics
- \_\_\_ (3) MA 16020 Applied Calculus II
- \_\_\_ (3) TLI 11200 Foundations of Organizational Leadership or OLS 25200 Human Relations in Organizations or OLS 27400 Applied Leadership
- \_\_\_ (4) PHYS 22000 General Physics or PHYS 23300 Physics for Life Sciences I
- \_\_\_ (4) PHYS 22100 General Physics or PHYS 23400 Physics for Life Sciences II
- \_\_\_ (3) SOC 10000 Introductory Sociology
- \_\_\_ (3) SOC 57300 The Human Side of Medicine or SOC 57400 The Social Organization of Healthcare
- \_\_\_ (3) STAT 30100 Elementary Statistical Methods

**HSCI Selective – select a total of 6 credits from list**

- \_\_\_ ( ) \_\_\_\_\_
- \_\_\_ ( ) \_\_\_\_\_

**Other Departmental / Program Course Requirements (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]**
- \_\_\_ (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 (21-22 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>

HSCI Selective List – select 6 credits

- HSCI 30500 Basics of Oncology
- HSCI 33300 Introduction to Immunology
- HSCI 34500 Introduction to Occupational and Environmental Health Sciences
- HSCI 34600 Industrial Hygiene Engineering Control
- HSCI 34800 Industrial Hygiene Instrumentation Techniques
- HSCI 42000 Applied Anatomy for Medicine
- HSCI 56000 Toxicology

Note: Students are encouraged to use this advising worksheet as a resource when planning progress toward completion of degree requirements. An Academic Advisor may be contacted for assistance in interpreting this worksheet. This worksheet is not an academic transcript, and it is not official notification of completion of degree or certificate requirements. The University Catalog is the authoritative source for displaying plans of study. The student is ultimately responsible for knowing and completing all degree requirements.

**Suggested Arrangement of Courses:**

| Credits      | Fall 1st Year                      | Prerequisite                             | Credits   | Spring 1st Year           | Prerequisite       |
|--------------|------------------------------------|--|-----------|---------------------------|--------------------|
| 4            | *BIOL 11000 <sup>CC</sup>          |  | 4         | *BIOL 11100 <sup>CC</sup> | BIOL 11000         |
| 4            | *CHM 11500 <sup>CC</sup>           | MA 15400 or MA 15800 or ALEKS = 75       | 4         | *CHM 11600 <sup>CC</sup>  | CHM 11200 or 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               |
| 4         | CHM 25700 <sup>CC</sup>                   | CHM 11200 or CHM 11600                                      | 3         | *HSCI 20100 <sup>CC</sup> Spring only     | Classification of 03     |
| 1         | CHM 25701 <sup>CC</sup>                   | (CHM 25700) or may be taken concurrently                    | 4         | PHYS 22100 or<br>PHYS 23400 <sup>CC</sup> | PHYS 22000<br>Phys 23300 |
| 3         | *HSCI 20200 <sup>CC</sup> Fall only       | 3 credits in BIOL & CHM                                     | 3         | *STAT 30100                               |                          |
| 4         | PHYS 22000 or<br>PHYS 23300 <sup>CC</sup> | College algebra & trig<br>CHM 11500 & BIOL 11100 & MA 16020 |           |   |                          |
|           |   |   |           |   |                          |
| <b>16</b> |   |   | <b>14</b> |   |                          |

| Credits   | Fall 3rd Year                        | Prerequisite                              | Credits   | Spring 3rd Year                     | Prerequisite                                |
|-----------|--------------------------------------|---|-----------|-------------------------------------|---|
| 3         | CHM 33300 or (CHM 33900 Spring only) | CHM 25600 or 25700                        | 3         | *HDFS 21000                         |   |
| 2         | HSCI 13100                           |   | 3         | TLI 11200 or OLS 25200 or OLS 27400 |   |
| 3         | HK Selective                         | HK 36800 Exercise Physiology is preferred | 3         | SOC 57300 or SOC 57400              |   |
| 3         | *PSY 12000                           |   | 3         | English Selective                   | Select any 20000 level or above ENGL course |
| 3         | *SOC 10000                           |   | 3         | Elective                            |   |
|           |                                      |   |           |                                     |   |
| <b>14</b> |                                      |   | <b>15</b> |                                     |   |

| Credits   | Fall 4th Year        | Prerequisite            | Credits      | Spring 4th Year       | Prerequisite                |
|-----------|----------------------|-------------------------|--------------|-----------------------|-----------------------------|
| 3         | HSCI 58000 Fall only | BIOL 20400 & PHYS 23400 | 3            | *Humanities Selective | Select from University list |
| 3         | HSCI Selective       |                         | 3            | HSCI Selective        |                             |
| 3         | Elective             |                         | 3            | Elective              |                             |
| 3         | Elective             |                         | 3            | Elective              |                             |
| 3         | Elective             |                         | 3-4          | Elective              |                             |
|           |                      |                         |              |                       |                             |
| <b>15</b> |                      |                         | <b>15-16</b> |                       |                             |

\*Satisfies a University Core Requirement.

<sup>CC</sup> Critical Course – a course that a student must be able to pass to persist and succeed in a particular major.

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

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

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