

Student: \_\_\_\_\_ PUID: \_\_\_\_\_ Catalog Term: Fall 2019

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

**Major Requirements (49 credits)**

- \_\_\_ (4) BIOL 11000 Fundamentals of Biology I [**Satisfies 1 Science Core Course**]
- \_\_\_ (4) BIOL 11100 Fundamentals of Biology II [**Satisfies 1 Science Core Course**]
- \_\_\_ (4) BIOL 20300 Human Anatomy & Physiology
- \_\_\_ (4) BIOL 20400 Human Anatomy & Physiology
- \_\_\_ (4) CHM 11500 General Chemistry
- \_\_\_ (4) CHM 11600 General Chemistry
- \_\_\_ (2) HSCI 10100 Introduction to the Health Sciences Professions
- \_\_\_ (3) HSCI 20100 Principles of Public Health Science [**Satisfies Science, Technology & Society Core**]
- \_\_\_ (3) HSCI 20200 Essentials of Environmental, Occupational, and Radiological Health Sciences
- \_\_\_ (3) MA 16010 Applied Calculus I [**Satisfies Quantitative Reasoning Core**]
- \_\_\_ (3) MA 16020 Applied Calculus II
- \_\_\_ (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) STAT 30100 Elementary Statistical Methods

**Pre-Medicine Concentration (40 credits)**

- \_\_\_ (4) BIOL 22100 Introduction to Microbiology
- \_\_\_ (3) BIOL 23100 Biology III: Cell Structure & Function
- \_\_\_ (2) BIOL 23200 Laboratory in Biology III: Cell Structure & Function
- \_\_\_ (3) BIOL 24100 Biology IV: Genetics & Molecular Biology
- \_\_\_ (2) BIOL 24200 Laboratory in Biology IV: Genetics & Molecular Biology
- \_\_\_ (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 or BCHM 30700 Biochemistry
- \_\_\_ (3) HSCI 13100 Introduction to Medical Terminology
- \_\_\_ (3) HSCI 58000 Occupational Safety and Ergonomics
- \_\_\_ (3) SOC 10000 Introductory Sociology

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

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

**Other Departmental / Program Course Requirements (18-19 credits)**

- \_\_\_ (3) COM 11400 Fundamental of Speech Communication [**Satisfies Oral Communication Core**]
- \_\_\_ (4-3) ENGL 10600 First Year Composition or ENGL 10800 Accelerated First-Year Composition [**Satisfies Written Communication Core**] and [**Information Literacy**]
- \_\_\_ (3) PSY 12000 Elementary Psychology [**Satisfies Behavioral/Social Science Core**]
- \_\_\_ (3) TLI 11200 Foundations of Organizational Leadership or OLS 25200 Human Relations in Organizations or OLS 27400 Applied Leadership
- \_\_\_ (3) \_\_\_\_\_ **English Selective** – select any 20000 level or above ENGL course
- \_\_\_ (3) \_\_\_\_\_ [**Humanities Core**] – *select from University list*

**Electives\* (12-13 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**

HSCI Selective List – select 6 credits

- HSCI 30500 Basics of Oncology
- HSCI 31000 Imaging in Medicine
- 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 41500 Introduction to Nuclear and Radiological Source Security
- HSCI 42000 Applied Anatomy for Medicine
- HSCI 56000 Toxicology

University Foundational Learning Outcomes List:

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

A student may elect the Pass / Not-Pass (P/NP) grading option for elective courses only, unless an academic unit requires that a specific departmental course/s be taken P/NP. Students may elect to take University Core Curriculum courses P/NP; however, some major Plans of Study require courses that also fulfill UCC foundational outcomes. In such cases, students may not elect the P/NP option. A maximum of 24 credits of elective courses under the P/NP grading option can be used toward graduation requirements. For further information, students should refer to the College of Health and Human Sciences P/NP Policy.

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 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
3	BIOL 23100 Fall only	BIOL 11100	3	*BIOL 24100 <sup>CC</sup> Spring only	BIOL 23100 & CHM 11600
2	BIOL 23200		2	BIOL 24200	BIOL 24100 may be taken concurrently
3	CHM 25500	CHM 11200 or CHM 11600	3	CHM 25600	CHM 25500
1	CHM 25501	CHM 25500 may be taken concurrently	1	CHM 25601	
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 22000 or PHYS 23300 <sup>CC</sup>	college algebra & trig CHM 11500 & BIOL 11100 & MA 16020	4	PHYS 22100 or PHYS 23400 <sup>CC</sup>	PHYS 22000 PHYS 23300
<b>16</b>			<b>16</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
4	*BIOL 20300 Fall only		4	*BIOL 20400 Spring only	BIOL 20300
3	CHM 33300 or CHM 33900 or BCHM 30700	CHM 25600	3	HSCI 13100	
3	*STAT 30100		3	*SOC 10000	
3	*PSY 12000		3	Elective	
3	English Selective	Select any 20000 or above ENGL course	2	Elective	
<b>16</b>			<b>15</b>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
4	BIOL 22100	BIOL 11000 & CHM 11600	3	TLI 11200 or OLS 25200 or OLS 27400	
3	HSCI 58000 Fall only	BIOL 20400 & PHYS 23400	3	HSCI Selective	
3	*Humanities Selective	Select from University list	3	Elective	
3	HSCI Selective		3	Elective	
			2	Elective	
<b>13</b>			<b>14</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.

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

120 semester credits required for Bachelor of Science degree.

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

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.