

**Major Requirements (89 credits)**

- \_\_\_ (4) BIOL 20300 Human Anatomy & Physiology
- \_\_\_ (4) BIOL 20400 Human Anatomy & Physiology
- \_\_\_ (3) CE 35000 Environmental Engineering
- \_\_\_ (4) CHM 11500 General Chemistry
- \_\_\_ (4) CHM 11600 General Chemistry
- \_\_\_ (4) CHM 25700 Organic Chemistry
- \_\_\_ (1) CHM 25701 Organic Chemistry Lab
- \_\_\_ (4) CHM 32100 Analytical Chemistry I
- \_\_\_ (3) CHM 33300 Principles of Biochemistry
- \_\_\_ (3) \_\_\_\_\_ *English Selective – select any 20000 level or above ENGL course*
- \_\_\_ (3) HK 44500 Principles of Epidemiology
- \_\_\_ (2) HSCI 10100 Introduction to Health Sciences Professions
- \_\_\_ (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 34500\* Introduction to Occupational and Environmental Health Sciences (must earn a grade of “C” or higher)
- \_\_\_ (4) HSCI 34600\* Industrial Hygiene Engineering Control (must earn a grade of “C” or higher)
- \_\_\_ (3) HSCI 34800\* Industrial Hygiene Instrumentation Techniques (must earn a grade of “C” or higher)
- \_\_\_ (2) HSCI 44500 Industrial Hygiene Internship\*\*
- \_\_\_ (3) HSCI 44600\* Applied Industrial Hygiene (must earn a grade of “C” or higher)
- \_\_\_ (3) HSCI 56000 Toxicology
- \_\_\_ (3) HSCI 58000\* Occupational Ergonomics (must earn a grade of “C” or higher)
- \_\_\_ (3) \_\_\_\_\_ *HSCI Humanities, Behavior/Social Sciences Selective – select from HSCI list*
- \_\_\_ (3) IT 35100 Advanced Industrial Safety & Health Management or IT 28100 Industrial Safety
- \_\_\_ (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) STAT 30100 Elementary Statistical Methods

**Required Courses for 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) POL 22300 Introduction to Environmental Policy **[Fulfills Behavior/Social Science Core]**
- \_\_\_ (3) \_\_\_\_\_ **[Humanities Core]** *select course from University list*

**Electives (7-8 credits)**

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

**\*A grade of “C” or higher must be earned in HSCI 34500, 34600, 34800, 44600 and 58000.**

**\*\*An internship is strongly recommended but is *not* required; HSCI 44500 can be taken as an elective if the student has had a previous acceptable industrial hygiene work experience.**

*An Ethics course (such as PHIL 11100 Ethics or PHIL 29000 Environmental 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 Humanities, Behavioral/Social Sciences Selectives List - select any course(s) from the following subjects:

Anthropology (ANTH)  
Art & Design (AD)  
Classics (CLCS)  
Communication (COM)  
Dance (DANC)  
Economics (ECON)  
English (ENGL)  
Foreign Languages & Literatures (FLL)  
History (HIST)  
Interdisciplinary Studies (IDIS)  
Music (MUS)  
Philosophy (PHIL)  
Political Science (POL)  
Psychology (PSY)  
Sociology (SOC)  
Theatre (THTR)

**Suggested Arrangement of Courses:**

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
4	*BIOL 1100 <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 20400
4	CHM 25700 <sup>CC</sup>	CHM 11200 or 11600	4	CHM 32100 Spring only	CHM 11600
1	CHM 25701 <sup>CC</sup>	(CHM 25500) or may be taken concurrently	3	*HSCI 20100 <sup>CC</sup> Spring only	Classification of 03
3	*HSCI 20200 <sup>CC</sup> Fall only	3 credits in BIOL & CHM	4	PHYS 23400 <sup>CC</sup>	Phys 23300
4	PHYS 23300 <sup>CC</sup>	CHM 11500 & BIOL 11100 & MA 16020			
<b>16</b>			<b>15</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	CHM 33300 or (CHM 33900 Spring only)	CHM 25700	4	^HSCI 34600 Spring only	HSCI 34500 & PHYS 23400
3	^HSCI 34500 Fall only	CHM 11500 & BIOL 20400 & MA 16020	3	^HSCI 34800 Spring only	HSCI 34500 & CHM 11600 & PHYS 23400
3	OLS 25200 or OLS 27400		3	*POL 22300	
3	IT 35100 or IT 28100		3	*Humanities Selective	Select from University list
3	*STAT 30100		3	CE 35000	CHM 11600 & PHYS 23300 & MA 16020
<b>15</b>			<b>16</b>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	HK 44500	STAT 30100	3	English Selective	Select any 20000 or above ENGL course
2	HSCI 44500 or Elective		3	Elective	
3	^HSCI 44600 Fall only	HSCI 34600	3	HSCI Humanities Selective	Select from HSCI list
3	HSCI 56000 Fall only	CHM 33300 & BIOL 20400	3	Elective	
3	^HSCI 58000 Fall only	BIOL 20400 & PHYS 23400	1-2	Elective	
<b>14</b>			<b>13-14</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.

^Must earn a grade of at least a C in HSCI 34500, 34600, 34800, 44600, and 58000.

An Ethics course (such as PHIL 11100 Ethics or PHIL 29000 Environmental 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