

Major Requirements (67 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*
- ___ (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) _____ *HSCI Humanities, Behavior/Social Sciences Selective – select from HSCI list*
- ___ (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 or STAT 50300 Statistical Methods for Biology

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 (29-30 credits)

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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 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 11000 ^{CC}		4	*BIOL 11100 ^{CC}	BIOL 11000
4	*CHM 11500 ^{CC}	MA 15400 or MA 15800 or ALEKS = 75	4	*CHM 11600 ^{CC}	CHM 11200 or 11500
4-3	*ENGL 10600 OR 10800 ^{CC}		3	*COM 11400 ^{CC}	
2	HSCI 10100 ^{CC} Fall only		3	*MA 16020 ^{CC}	MA 16010 = C-
3	*MA 16010 ^{CC}	ALEKS = 75 or MA 15400 = C- or 15800 = C			
16-17			14		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	CHM 25500 ^{CC}	CHM 11200 or CHM 11600	3	CHM 25600 ^{CC}	CHM 25500
1	CHM 25501 ^{CC}	(CHM 25500) or may be taken concurrently	1	CHM 25601 ^{CC}	(CHM 25600) or may be taken concurrently
3	*HSCI 20200 ^{CC} Fall only	3 cr. of BIOL & CHM	3	*HSCI 20100 ^{CC} Spring only	Classification of 03
4	*PHYS 23300 ^{CC}	CHM 11500 & BIOL 11100 & MA 16020	4	PHYS 23400	PHYS 23300
3	*STAT 30100		3	OLS 25200 or OLS 27400	
			1-2	Elective	
14			15-16		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
4	*BIOL 20300 Fall only		4	*BIOL 20400	BIOL 20300
3	CHM 33300 or (33900-Fall only)	CHM 25600	2	HSCI 13100	
3	*Humanities Sel.	Select from University list	3	English Selective	Select any 20000 or above ENGL course
3	*PSY 12000		3	HSCI Humanities Selective	Select from HSCI list
3	Elective		3	Elective	
16			15		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
4	BIOL 22100	BIOL 110 & CHM 11600	3	Elective	
3	HSCI 58000 Fall only	BIOL 20400 & PHYS 23400	3	Elective	
3	Elective		3	Elective	
3	Elective		3	Elective	
3	Elective		1	Elective	
16			13		

*Satisfies a University Core Requirement.

^{CC} 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