

Major Requirements (96 credits)

- ___ (3) AGRY 32000 Genetics
- ___ (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
- ___ (4) CHM 25700 Organic Chemistry
- ___ (1) CHM 25701 Organic Chemistry Lab
- ___ (3) CHM 33300 Principles of Biochemistry
- ___ (3) _____ *English Selective – select any 20000 level or above ENGL course*
- ___ (2) HSCI 10100 Intro to Health Sciences Professions
- ___ (1) HSCI 13000 Introduction to Medical Laboratory Science
- ___ (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
- ___ (2) HSCI 33300 Intro to Immunology
- ___ (3) _____ *HSCI Humanities, Behavior/Social Sciences Selective – select from HSCI list*
- ___ (3) MA 16020 Applied Calculus II
- ___ (4) PHYS 23300 Physics for Life Sciences I
- ___ (4) PHYS 23400 Physics for Life Sciences II
- ___ (3) STAT 30100 Elementary Statistical Methods

Clinical Year - 32 credits

A cumulative GPA of at least 3.00 and a minimum science (CHM, BIOL, PHYS, MA) GPA of at least 2.75 is required to apply for admission into the clinical year.

Student must have at least 88 credits completed prior to the start of the clinical year.

(Course title and number of credits per course listed below vary by clinical location.)

- Clinical Chemistry
- Clinical Hematology
- Clinical Immunohematology
- Clinical Microbiology
- Clinical Serology
- Clinical Urinalysis
- Intro to Laboratory Education & Management
- Special Topics

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) _____ **[Behavior/Social Science Core]** – *select from University list*
- ___ (3) _____ **[Humanities Core]** – *select from University list*

Electives (0-1 credits)

___ () _____ ___ () _____ ___ () _____ ___ () _____

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

120 credits required for Bachelor of Science degree

Note: Medical Laboratory Sciences students graduate in August

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

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-	1	HSCI 13000 Fall only	
16-17			15		

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 ^{CC}	CHM 11200 or CHM 11600	4	BIOL 22100	BIOL 11000 & CHM 11600
1	CHM 25701 ^{CC}	(CHM 25700) or may be taken concurrently	3	*HSCI 20100 ^{CC} Spring only	Classification of 03
3	*HSCI 20200 ^{CC} Fall only	3 credits in BIOL & CHM	3	*Humanities BSS Selective	Select from University list
3	*Humanities Selective	Select from University list	0-1	Elective	
15			14-15		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	AGRY 32000	BIOL 11100	3	CHM 33300	CHM 25600 or 25700
3	*STAT 30100		2	HSCI 13100	
3	HSCI Humanities Selective	Select from HSCI list	2	HSCI 33300 Spring only	BIOL 20400/30200 & (BIOL 22100) – BIOL 22100 may be taken concurrently
4	PHYS 23300 ^{CC}	CHM 11500 & BIOL 11100 & MA 16020		English Selective	Select any 20000 level or above ENGL course
			3	PHYS 23400 ^{CC}	Phys 23300
			4		
13			14		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
^16	HSCI courses – 10000-59999		^16	HSCI courses – 10000-59999	

^Clinical coursework in Chemistry, Hematology, Serology, Immunohematology, Microbiology, Urinalysis, and special topics such as: Laboratory Management, Parasitology, etc. The course titles and credits may vary depending on the affiliate site but will adhere to the overall total of 32 credits at the 40000 level.

***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.