

Student: _____ PUID: _____ Catalog Term: Fall 2025

Additional Majors: _____ Minors: _____

Major Requirements (94 credits)

- ____ (3) AGRY 32000 Genetics
- ____ (3) BCHM 30700 Biochemistry
- ____ (4) BIOL 20300 Human Anatomy & Physiology
- ____ (4) BIOL 20400 Human Anatomy & Physiology
- ____ (4) BIOL 22100 Introduction to Microbiology
- ____ (3) CHM 11510 General Chemistry I
- ____ (1) CHM 11520 General Chemistry I Lab
- ____ (3) CHM 11610 General Chemistry II
- ____ (1) CHM 11620 General Chemistry II Lab
- ____ (3) CHM 25500 Organic Chemistry for the Life Sciences I
- ____ (1) CHM 25501 Organic Chemistry for the Life Sciences Laboratory I
- ____ (3) CHM 25600 Organic Chemistry for the Life Sciences II
- ____ (1) CHM 25601 Organic Chemistry for the Life Sciences Laboratory II
- ____ (3) _____ **English Selective** – select any 20000 level or above ENGL course
- ____ (2) HSCI 10100 Introduction to the Health Sciences Professions
- ____ (1) HSCI 13000 Introduction to Medical Laboratory Science
- ____ (3) HSCI 13100 Introduction to Medical Terminology
- ____ (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) HSCI 33300 Introduction to Immunology
- ____ (3) STAT 30100 Elementary Statistical Methods

Science Selective – select a total of 7 credits from Science Selective List

- ____ () _____
- ____ () _____
- ____ () _____

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 year includes 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.)

- ____ () HSCI 45100 Clinical Biochemistry
- ____ () HSCI 45200 Clinical Chemistry
- ____ () HSCI 45300 Clinical Hematology
- ____ () HSCI 45400 Clinical Immunohematology
- ____ () HSCI 45500 Clinical Microbiology
- ____ () HSCI 45700 Clinical Parasitology
- ____ () HSCI 45800 Clinical Serology
- ____ () HSCI 46000 Clinical Urinalysis
- ____ () HSCI 46500 Introduction to Laboratory Education and Management
- ____ () HSCI 49000 Special Topics – Approved Titles (Basic Lab Skills I), (Basic Lab Skills II), (Basic Lab Skills)
- ____ () Any PATH prefix course

Requirements continued on next page

Other Departmental / Program Course Requirements (23-24 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**]
- ____ (3) COM 11400 Fundamental of Speech Communication [**Satisfies Oral Communication Core**]
- ____ (4-3) ENGL 10600 First Year Composition with Conferences *or* ENGL 10800 First-Year Composition [**Satisfies Written Communication Core**] and [**Information Literacy Core**]
- ____ (3) MA 16010 Applied Calculus I [**Satisfies Quantitative Reasoning Core**]
- ____ (3) _____ [**Behavioral/Social Science Core**] – *select from University list*
- ____ (3) _____ [**Humanities Core**] – *select from University list*

Electives (2-3 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**

Note: Most Medical Laboratory Sciences students graduate in August

University Foundational Learning Outcomes List: <https://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.html>

Science Selective List

Any 300 or above offering in the following areas:

BCHM
CHM
HSCI
NUTR

or

Any 200 or above offering in the following areas:

BIOL
ENTM
HDFS
MA
PHYS
PSY

or

Select offerings:

AGRY 32100 Genetics Laboratory
ANTH 20400 Human Origins
ANTH 21200 Culture, Food & Health
ANTH 53400 Human Osteology
MA 16020 Applied Calculus II
MA 16200 Plane Analytic Geometry & Calculus II
MA 16600 Analytic Geometry & Calculus II
PHYS 17200 Modern Mechanics
PUBH 22000 Sexuality & Health
PUBH 40000 Human Diseases and Disorders
PUBH 40500 Principles of Epidemiology

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 ^{CC}		4	*BIOL 11100 ^{CC}	BIOL 11000
3	*CHM 11510 ^{CC}	MA 15400 or MA 15800 or ALEKS = 75	3	*CHM 11610 ^{CC}	CHM 11500 or CHM 11510
1	CHM 11520 ^{CC}	CHM 11500 or (CHM 11510 or may be taken concurrently)	1	CHM 11620 ^{CC}	CHM 11520 Prerequisite and (CHM 11610 or may be taken concurrently)
2	HSCI 10100	Fall only	1	HSCI 13000	Spring only
3	*MA 16010 ^{CC}	ALEKS = 75 or MA 15400 = C- or 15800 = C-	3	*COM 11400 ^{CC}	
4-3	*ENGL 10600 ^{CC} OR 10800 ^{CC}		3	Humanities Core	Select from University list
16-17			15		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	*BIOL 20300 ^{CC}	Fall only	4	*BIOL 20400 ^{CC}	Spring only BIOL 20300
3	CHM 25500 ^{CC}	CHM 11200 or CHM 11600 or CHM 11610	3	CHM 25600 ^{CC}	CHM 25500
1	CHM 25501 ^{CC}	CHM 11600 or (CHM 11610 & CHM 11620) and (CHM 25500 or may be taken concurrently)	1	CHM 25601 ^{CC}	CHM 25600 or may be taken concurrently
3	*HSCI 20200	Fall only 3 credits in BIOL & CHM	3	*HSCI 20100	Spring only Classification of 03
3	*HSCI 13100		3	*Behavioral/Social Sci Core	Select from University list
14			14		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
4	BIOL 2210	BIOL 11000 & CHM 11600 or (CHM 11610 & CHM 11620)	3	*STAT 30100 ^{CC}	
3	BCHM 30700 ^{CC}	CHM 25600	3	AGRY 32000	BIOL 11100
3-4	Science Selective	Select any offering from list below	3	HSCI 33300	Spring only BIOL 20400/30200 & BIOL 22100- may be taken currently
3	Science Selective	Select any offering from list below	3	English Selective	Select any 20000 level or above ENGL course
			2-3	Elective	
13-14			14-15		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
16	^HSCI clinical courses – 10000-59999		16	^HSCI clinical 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 Course – a course that a student must be able to pass to persist and succeed in a particular major.

**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. Most Medical Laboratory Sciences students graduate in August. 3 years plus 1 year clinical (application required for clinical).

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.

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