

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

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

**Major Requirements (95 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 Laboratory
- \_\_\_ (3) CHM 33300 Principles of Biochemistry or BCHM 30700 Biochemistry
- \_\_\_ (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) 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

**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

**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 or ENGL 10800 Accelerated 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 (1-2 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/initiatives/curriculum/course.html>

Revised 5/2019

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 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-	1	HSCI 13000 Spring only	
<b>16-17</b>			<b>15</b>		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	*BIOL 20300 Fall only		4	*BIOL 20400 Spring only	BIOL 20300
4	CHM 25700 <sup>CC</sup>	CHM 11200 or CHM 11600	4	BIOL 22100	BIOL 11000 & CHM 11600
1	CHM 25701 <sup>CC</sup>	CHM 25700 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	3	*Behavioral/Social Sci Core	Select from University list
3	*Humanities Core	Select from University list			
<b>15</b>			<b>14</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	AGRY 32000	BIOL 11100	3	CHM 33300 or BCHM 30700	CHM 25700
3	*STAT 30100		3	HSCI 13100	
3	English Selective course	Select any 20000 level or above ENGL course	3	HSCI 33300 Spring only	BIOL 20400/30200 & BIOL 22100-may be taken currently
4	PHYS 22000 or PHYS 23300 <sup>CC</sup>	College algebra & trig CHM 11500 & BIOL 11100 & MA 16020	2	Elective	
			4	PHYS 22100 or PHYS 23400 <sup>CC</sup>	PHYS 22000 PHYS 23300
<b>13</b>			<b>15</b>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
<b>16</b>	^HSCI clinical courses – 10000-59999		<b>16</b>	^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.

<sup>CC</sup> 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