

Student: _____ PUID: _____ Catalog Term: Fall 2019

Additional Majors: _____ Minors: _____

Major Requirements (49 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**]
- ___ (4) BIOL 20300 Human Anatomy & Physiology
- ___ (4) BIOL 20400 Human Anatomy & Physiology
- ___ (4) CHM 11500 General Chemistry
- ___ (4) CHM 11600 General Chemistry
- ___ (2) HSCI 10100 Introduction to the Health Sciences Professions
- ___ (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) MA 16010 Applied Calculus I [**Satisfies Quantitative Reasoning Core**]
- ___ (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 or STAT 50300 Statistical Methods for Biology

Pre-Optometry Concentration (27 credits)

- ___ (4) BIOL 22100 Introduction to Microbiology
- ___ (3) CHM 25500 Organic Chemistry
- ___ (1) CHM 25501 Organic Chemistry Laboratory
- ___ (3) CHM 25600 Organic Chemistry
- ___ (1) CHM 25601 Organic Chemistry Laboratory
- ___ (3) CHM 33300 Principles of Biochemistry or CHM 33900 Biochemistry: A Molecular Approach or BCHM 30700 Biochemistry
- ___ (3) HSCI 13100 Introduction to Medical Terminology
- ___ (3) _____ **HSCI Humanities, Behavioral/Social Sciences Selective** – select from HSCI list

HSCI Selective – select a total of 6 credits from list

- ___ () _____
- ___ () _____

Other Departmental / Program Course Requirements (18-19 credits)

- ___ (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) PSY 12000 Elementary Psychology [**Satisfies Behavioral/Social Science Core**]
- ___ (3) TLI 11200 Foundations of Organizational Leadership or OLS 25200 Human Relations in Organizations or OLS 27400 Applied Leadership
- ___ (3) _____ **English Selective** – select any 20000 level or above ENGL course
- ___ (3) _____ [**Humanities Core**] – select from University list

Electives (25-26 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**

University Foundational Learning Outcomes List:

<https://www.purdue.edu/provost/initiatives/curriculum/course.html>

HSCI Humanities, Behavioral/Social Sciences Selective List - select any course(s) numbered 10000-59999 from the following subjects:

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

HSCI Selective List – select 6 credits

HSCI 30500 Basics of Oncology
HSCI 31000 Imaging in Medicine
HSCI 33300 Introduction to Immunology
HSCI 34500 Introduction to Occupational and Environmental Health Sciences
HSCI 34600 Industrial Hygiene Engineering Control
HSCI 34800 Industrial Hygiene Instrumentation Techniques
HSCI 41500 Introduction to Nuclear and Radiological Source Security
HSCI 42000 Applied Anatomy for Medicine
HSCI 56000 Toxicology

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
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 22000 or PHYS 23300 ^{CC}	College algebra & trig CHM 11500 & BIOL 11100 & MA 16020	4	PHYS 22100 or PHYS 23400 ^{CC}	PHYS 22000 PHYS 23300
3-4	Elective		3-4	Elective	
14-15			14-15		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
4	*BIOL 20300 Fall only		4	*BIOL 20400 Spring only	BIOL 20300
3	CHM 33300 or CHM 33900 or BCHM 30700	CHM 25600	4	BIOL 22100	BIOL 11000 & CHM 11600
3	TLI 11200 or OLS 25200 or OLS 27400		3	HSCI 13100	
3	*STAT 30100		3	*PSY 12000	
3	English Selective	Select any 20000 or above ENGL course	2	Elective	
16			16		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	*Humanities Selective	Select from University list	3	HSCI Selective	
3	HSCI Selective		3	Elective	
3	Elective		3	Elective	
3	Elective		3	Elective	
3	Elective		3	HSCI Humanities Selective	Select from HSCI list
15			15		

*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.

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