

Student: _____ PUID: _____ Catalog Term: _____

Additional Majors: _____ Minors: _____

Pre-Optometry Core (University Foundational Learning Outcomes) (26-27 credits)

- ____ (4-3) ENGL 10600 First Year Composition or ENGL 10800 Accelerated First-Year Composition [**Written Communication**]
and [**Information Literacy**]
- ____ (3) COM 11400 Fundamental of Speech Communication or COM 21700 Science Writing & Presentations [**Oral Communication**]
- ____ (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) _____ [**Humanities**] – *select from University list*
- ____ (3) PSY 12000 Elementary Psychology [**Behavior/Social Science**]
- ____ (3) MA 16010 Applied Calculus I [**Quantitative Reasoning**]
- ____ (3) HSCI 20100 Principles of Public Health Science [**Science, Technology & Society**]

Required Courses for Pre-Optometry (58 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 BCHM 56100 Principles of Biochemistry
- ____ (3) _____ *English Selective – select from list*
- ____ (2) HSCI 10100 Intro to Health Sciences Professions
- ____ (2) HSCI 13100 Medical Terminology
- ____ (3) HSCI 20200 Essentials of Environmental, Occupational, and Radiological Health Sciences
- ____ (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

HSCI Humanities, Behavioral/Social Sciences Selectives – select from list (3 credits)

- ____ (3) _____ *select course from HSCI Humanities, Behavior/Social Sciences list, see reverse side*

Electives (32-33- 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 300 level or higher courses at Purdue for graduation.
120 credits required for Bachelor of Science degree**

Name _____
 PUID _____

School of Health Sciences (HSCI)
HEALTH SCIENCES PRE-PROFESSIONAL PRE-OPTOMETRY
HSPP - PROP
120 credit hours required
Effective: Fall 2014 Beginners

Minor(s) _____

Freshman Year	First Semester	Sem/Yr	Grade
BIOL 11000 (4) (S)*	Fundamentals of Biology I		
CHM 11500 (4) (S)*	General Chemistry I (MA 15400, 15800, 15900 or calculus placement)		
ENGL 10600 (4) or ENGL 10800(3) (WC,IL)*	First-Year English Composition or Accelerated First-Year Composition		
HSCI 10100 (2)	Intro to Health Science Professions Fall only		
MA 16010 (3) (QR)*	Applied Calculus I (ALEKS=75 or MA 15400 or MA 15800 = C-)		
Total Credits = 16-17			

BIOL 11100 (4) (S)*	Fundamentals of Biology II (BIOL 11000)		
CHM 11600 (4) (S)*	General Chemistry II (CHM 11200 or CHM 11500)		
COM 11400 (3) or COM 21700 (3) (OC)*	Fundamentals of Speech Communication or Science Writing and Presentation		
MA 16020 (3) (QR)*	Applied Calculus II (MA 16010)		
Total Credits = 14			

Sophomore Year	Third Semester	Sem/Yr	Grade
CHM 25500 (3)	Organic Chemistry I (CHM 11200 or CHM 11600)		
CHM 25501 (1)	Organic Chemistry Lab (CHM 25500 co-req)		
HSCI 20200 (3) (STS)*	Essentials of EH, OH and RH Fall only (3 cr. of BIOL and CHM)		
PHYS 23300 (4)	Physics for Life Sciences I (CHM 11500, BIOL 11100, & MA 16020)		
Elective (3)			
Total Credits = 14			

	Fourth Semester	Sem/Yr	Grade
CHM 25600 (3)	Organic Chemistry II (CHM 25500)		
CHM 25601 (1)	Organic Chemistry Lab II (CHM 25600 co-req)		
HSCI 20100 (3) (STS)*	Principles of Public Health Science Spring only (Classification of at least 03)		
PHYS 23400 (4)	Physics for Life Sciences II (PHYS 23300)		
Elective (3)			
Total Credits = 14			

	Second Semester	Sem/Yr	Grade
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Junior Year	Fifth Semester	Sem/Yr	Grade
BIOL 20300 (4) (S)*	Human Anatomy & Physiology I Fall only		

CHM 33300 (3) or BCHM 56100 (3)	Principles of Biochemistry (CHM 25700 or CHM 25600)		
OLS 25200 (3) or OLS 27400 (3)	Human Behavior in Organizations or Applied Leadership		
STAT 30100 (3) (IL)*	Elementary Statistical Method		
Elective (3)			
Total Credits = 16			

Senior Year	Seventh Semester	Sem/Yr	Grade
Humanities Sel. (3) (H)*	(Select from University list)		
Elective (3)			
Elective (3)			
Elective (3)			
Elective. (3)			
Total Credits = 15			

University Foundations Learning Outcome List

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

*(BSS) Behavioral/Social Science - 1 course

*(H) Humanities - 1 course

*(OC) Oral Communication - 1 course

*(QR) Quantitative Reasoning - 1 course

*(S) Science - 2 courses

*(IL) Information Literacy - 1 course

*(STS) Science, Technology, & Society) – 1 course

*(WC) Written Communication – 1 course

	Sixth Semester	Sem/Yr	Grade
BIOL 20400 (4)	Human Anatomy & Physiology II		
	Spring only (BIOL 20300)		
BIOL 22100 (4)	Intro to Microbiology		
	(One semester of BIOL & CHM 11600)		
HSCI 13100 (2)	Medical Terminology		

PSY 12000 (3) (BSS)*	Elementary Psychology		
	Fulfills HSCI Humanities Selective		
English Selective (3)			
Total Credits = 16			

	Eighth Semester	Sem/Yr	Grade
Elective (2-3)			
Elective (3)			
Elective (3)			
Elective (3)			
HSCI Hum. Sel. (3)			
Total Credits = 14-15			

Purdue students must complete 32 credit hours of 300 level or above courses for graduation with a Bachelor of Science degree.

Student is responsible for completing and fulfilling all graduation requirements.

Pre-Optometry, 04/2014