

Student: _____ PUID: _____ Catalog Term: _____

Additional Majors: _____ Minors: _____

Pre-Optometry Core (University Foundational Learning Outcomes) (23-24 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*
- ____ ******* _____ [**Behavior/Social Science**] *****fulfilled by PSY 12000**
- ____ (3) MA 22300 Introductory Analysis I [**Quantitative Reasoning**]
- ____ (3) HSCI 20100 Principles of Public Health Science [**Science, Technology & Society**]

Required Courses for Pre-Optometry (61 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 22400 Introductory Analysis II *
- ____ (3) OLS 25200 Human Relations in Organizations or OLS 27400 Applied Leadership
- ____ (4) PHYS 22000 General Physics *
- ____ (4) PHYS 22100 General Physics *
- ____ (3) PSY 12000 Elementary Psychology [**Fulfills Behavior/Social Science Core**]
- ____ (3) STAT 30100 Elementary Statistical Methods or STAT 50300 Statistical Methods for Biology

HSCI Humanities, Behavioral/Social Sciences Selectives – select from list (6 credits)

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

Electives (29-30- credits)

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

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

Students entering IU School of Optometry without a Bachelor's degree will need additional classes. Please check the IU School of Optometry web page.

**All students must complete 32 credits of 300 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>

English Selective List

ENGL 23000 Great Narrative Works
ENGL 26600 World Literature: From The Beginnings To 1700 A.D.
ENGL 26700 World Literature: From 1700 A.D. To The Present
ENGL 30400 Advanced Composition
ENGL 30600 Introduction To Professional Writing
ENGL 42000 Business Writing
ENGL 42100 Technical Writing

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)

Name: _____

School of Health Sciences

Minor Code(s): _____

Student I.D.: _____

HEALTH SCIENCES PRE-PROFESSIONAL (HSPP)

Pre-Optometry Concentration - PROP

120 Semester Hours

Pre-Optometry Concentration

Freshman Year - First Semester		Sem/Yr	Grade	Second Semester		Sem/Yr	Grade
(4)	BIOL 11000-Fundamentals of Biology I (Science)			(4)	BIOL 11100-Fundamentals of Biology II (BIOL 111000) (Science)		
(4)	CHM 11500-General Chemistry I (MA 159 or calculus placement) (Science)			(4)	CHM 11600-General Chemistry II (CHM 11500) (Science)		
(4)	ENGL 10600-First Year Composition (Written Comm & Info Literacy)			(3)	COM 11400-Fund of Speech Comm. or COM 217000 Science Writing & Presentation (Oral Communication)		
(2)	HSCI 10100-Intro to Health Sciences Professions Fall only			(3)	MA 22400-Intro Analysis II (CALC) (MA 22300) (Quant. Reasoning)		
(3)	MA 22300 -Intro Analysis I (CALC) (Quant. Reasoning)						
[17]				[14]			

Sophomore Year - Third Semester		Sem/Yr	Grade	Fourth Semester		Sem/Yr	Grade
(3)	CHM 25500-Organic Chemistry I (CHM 11200 or 11600)			(3)	CHM 25600-Organic Chemistry II (CHM 25500)		
(1)	CHM 25500L-Organic Chemistry Lab (CHM 25500)			(1)	CHM 25600L-Organic Chemistry Lab (CHM 25501 and CHM 25600)		
(3)	HSCI 20200-Essentials of EH, OH, and RH (1 sem of BIOL & 1 sem of CHM) Fall only			(3)	HSCI 20100-Principles of Public Health Spring only (Science, Technology and Society)		
(4)	PHYS 22000-General Physics I (College Algebra and Trig) (Science)			(4)	PHYS 22100-General Physics II (PHYS 22000) (Science)		
(3)	Elective			(3)	Elective		
[14]				[14]			

Notes: Responsibility for completing graduation requirements is solely that of the student.

Notes: All students must complete 32 hours of 300 level or higher courses at Purdue for graduation.

HEALTH SCIENCES PRE-PROFESSIONAL (HSPP)

Pre-Optometry Concentration - PROP

120 Semester Hours

Junior Year - Fifth Semester		Sem/Yr	Grade	Sixth Semester		Sem/Yr	Grade
(4)	BIOL 20300 Human Anatomy & Physiology I (Science) Fall only			(4)	BIOL 20400 Human Anatomy & Physiology II (BIOL 20300) (Science) Spring only		
(3)	CHM 33300 or BCHM 56100-Prin of Biochemistry (CHM 25600 or CHM 25700)			(2)	HSCI 13100 Medical Terminology		
(3)	STAT 30100 or STAT 50300 Elem. Statistical Methd. (If STAT 30100-Info Literacy)			(3)	PSY 12000 Intro. Psychology (Behavior/Soc Science)		
(3)	OLS 25200 Human Behavior in Org or OLS 27400-Applied Leadership			(3)	English Selective		
(3)	Elective			(3)	Humanities Selective		
[16]				[15]			

Senior Year - Seventh Semester		Sem/Yr	Grade	Eighth Semester		Sem/Yr	Grade
(4)	BIOL 22100 Intro to Microbiology (1 yr of GEN CHM & 1 sem of Life Science)			(3)	Elective		
(3)	Elective			(3)	Elective		
(3)	Elective			(3)	Elective		
(3)	Elective			(2)	Elective		
(3)	Humanities Selective (Select from University list)			(3)	Humanities Selective		
[16]				[14]			

Notes: **Students entering IU School of Optometry without a Bachelor's degree, will need additional classes. Please check the IU School of Optometry web page.

Notes: