

Student: _____ PUID: _____ Catalog Term: _____

Additional Majors: _____ Minors: _____

Pre-Medicine 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-Medicine (74 credits)

- ____ (4) BIOL 20300 Human Anatomy & Physiology
- ____ (4) BIOL 20400 Human Anatomy & Physiology
- ____ (4) BIOL 22100 Introduction to Microbiology
- ____ (3) BIOL 23100 Cell Structure & Function
- ____ (2) BIOL 23200 Lab in Cell Structure & Function
- ____ (3) BIOL 24100 Genetics & Molecular Biology
- ____ (2) BIOL 24200 Lab in Biology IV: Genetics & Molecular Biology
- ____ (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 General Biochemistry I or CHM 33900 Biochemistry: A Molecular Approach
- ____ (3) _____ *English Selective – select from list, see reverse side*
- ____ (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) HSCI 58000 Occupational Ergonomics
- ____ (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) SOC 10000 Introductory Sociology
- ____ (3) STAT 30100 Elementary Statistical Methods

Electives* (19-20 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>

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

Name _____

School of Health Sciences (HSCI)

Minor(s) _____

PUID _____

HEALTH SCIENCES PRE-PROFESSIONAL PRE-MEDICINE

Pre-Med

HSPP - PMED

120 credit hours required

Freshman Year	First Semester	Sem/Yr	Grade
BIOL 11000 (4)	Fundamentals of Biology I		
(S)*			
CHM 11500 (4)	General Chemistry I		
(S)*	(MA 15400, 15800, OR 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)	Applied Calculus I		
(QR)*	(ALEKS = 7500 or MA 15400 or 15800 = C-)		
Total Credits = 16-17			

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

Sophomore Year	Third Semester	Sem/Yr	Grade
BIOL 23100 (3)	Cell Structure and Functions		
	Fall Only (BIOL 11100 & CHM 11600)		
BIOL 23200 (2)	Cell Structure & Function Lab		
	Fall only (BIOL 23100 co-req)		
CHM 25500 (3)	Organic Chemistry I		
	(CHM 11200 or CHM 11600)		
CHM 25501 (1)	Organic Chemistry Lab		
	(CHM 25500 co-req)		
HSCI 20200 (3)	Essentials of EH, OH and RH		
(STS)*	Fall only (3 credits in BIOL & CHM)		
PHYS 23300 (4)	Physics for Life Sciences I		
	(CHM 11500 & BIOL 11100 & MA 16020)		
Total Credits = 16			

	Fourth Semester	Sem/Yr	Grade
BIOL 24100 (3)	Genetics & Molecular Biology		
	Spring only (BIOL 23100 & CHM 11600)		
BIOL 24200 (2)	Genetics & Molecular Biology Lab		
	Spring only (BIOL 24100 co-req)		
CHM 25600 (3)	Organic Chemistry II		
	(CHM 25500)		
CHM 25601 (1)	Organic Chemistry Lab		
	(CHM 25600 co-req)		
HSCI 20100 (3)	Principles of Public Health Sciences		
(STS)*	Spring only (Classification of at least 03)		
PHYS 23400 (4)	Physics for Life Sciences II		
	(PHYS 23300)		
Total Credits = 16			

Junior Year	Fifth Semester	Sem/Yr	Grade
BIOL 20300 (4)	Human Anatomy & Physiology I		
(S)*	Fall only		
CHM 33300 or 33900 or BCHM 56100 or 30700	Principles of Biochemistry (CHM 25600)		
STAT 30100 (3)	Elementary Statistical Methods		
(IL)*			
PSY 12000 (3)	Elementary Psychology		
(BSS)*	Fulfills HSCI Humanities Selective		
English Selective(3)			
Total Credits = 16			

	Sixth Semester	Sem/Yr	Grade
BIOL 20400 (4)	Human Anatomy & Physiology II		
(S)*	Spring only (BIOL 20300)		
HSCI 13100 (2)	Medical Terminology		
SOC 10000 (3)	Introductory Sociology		
(BSS)*	Fulfills HSCI Humanities Selective		
Elective (3)			
Elective (3)			
Total Credits = 15			

Senior Year	Seventh Semester	Sem/Yr	Grade
BIOL 22100 (4)	Introduction to Microbiology		
	(One semester of BIOL & CHM 11600)		
HSCI 58000 (3)	Occupational and Safety Ergonomics		
	Fall only (BIOL 20400 & PHYS 23400)		
Humanities Sel. (3)			
(H)*	(Select from University list)		
Elective (3)			
Total Credits = 13			

	Eighth Semester	Sem/Yr	Grade
OLS 25200 (3) or	Human Behavior in Organizations or		
OLS 27400 (3)	Applied Leadership		
Elective (3)			
Elective (3)			
Elective (3)			
Elective (1-2)			
Total Credits = 13-14			

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

Purdue students must complete 32 credit hours of 30000 level or above courses for graduation with a Bachelor of Science degree.

Student is responsible for completing and fulfilling all graduation requirements.