

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
- ___ (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 300 level or higher courses at Purdue for graduation.

120 credits required for Bachelor of Science degree

Name _____

School of Health Sciences (HSCI)

Minor(s) _____

PUID _____

HEALTH SCIENCES PRE-PROFESSIONAL PRE-MEDICAL

HSPP - PMED

120 credit hours required

Effective: Fall 2014 Beginners

Freshman Year	First Semester	Sem/Yr	Grade
BIOL 11000 (4) (S)*	Fundamentals of Biology I		
CHM 11500 (4) (S)*	General Chemistry I (MA 154, 158, OR 159 or calculus placement)		
ENGL 10600 (4) or ENGL 108(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 154 or 158 = C-)		
Total Credits = 16-17			

	Second Semester	Sem/Yr	Grade
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
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) (STS)*	Essentials of EH, OH and RH 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) (STS)*	Principles of Public Health Sciences 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) (S)*	Human Anatomy & Physiology I Fall only		
CHM 33300 (3) or BCHM 56100 (3)	Principles of Biochemistry (CHM 25600)		
STAT 30100 (3) (IL)*	Elementary Statistical Methods		
PSY 12000 (3) (BSS)*	Elementary Psychology Fulfills HSCI Humanities Selective		
English Selective (3)			
Total Credits = 16			

	Sixth Semester	Sem/Yr	Grade
BIOL 20400 (4) (S)*	Human Anatomy & Physiology II Spring only (BIOL 20400)		
HSCI 13100 (2)	Medical Terminology		
SOC 10000 (3) (BSS)*	Introductory Sociology 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 OLS 27400 (3)	Human Behavior in Organizations or 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 300 level or above courses for graduation with a Bachelor of Science degree.

Student is responsible for completing and fulfilling all graduation requirements.