

Student: _____ PUID: _____ Catalog Term: _____

Additional Majors: _____ Minors: _____

Pre-Dentistry 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-Dentistry (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
- ____ (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) 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) 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 (29-30 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-DENTISTRY**HSPP - PRDN****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 calculus placement) | | |
| ENGL 10600 (4) or ENGL 10800(3)(WL,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 | | | |

| | 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 |
|--|--|--------|-------|
| 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 & CHM) | | |
| PHYS 23300 (4) | Physics for Life Sciences I (CHM11500 & BIOL 11100 & MA 16020) | | |
| STAT 30100 (3)(IL)* or STAT 50300 (3) | Elementary Statistical Methods or Statistical Methods for Biology | | |
| Total Credits = 14 | | | |

| | Fourth Semester | Sem/Yr | Grade |
|-----------------------------------|---|--------|-------|
| 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 Science Spring only(Classification of at least 03) | | |
| OLS 25200 (3) or OLS 27400 (3) | Human Relations in Organizations or Applied Leadership | | |
| PHYS 23400 (4) | Physics for Life Sciences II (PHYS 2330) | | |
| Total Credits = 14 | | | |

| 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) | | |
| Elective (3) | | | |
| Humanities Sel. (3) (H)* | (Select from the University List) | | |
| PSY 12000 (3) (BSS)* | Elementary Psychology Fulfills HSCI Humanities Elective | | |
| Total Credits = 16 | | | |

| | Sixth Semester | Sem/Yr | Grade |
|------------------------|---|--------|-------|
| BIOL 20400 (4) (S)* | Human Anatomy & Physiology II Spring only (BIOL 20300) | | |
| HSCI 13100 (2) | Medical Terminology | | |
| Elective (3) | | | |
| English Selective (3) | | | |
| HSCI Hum. Sel. (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) | | |
| Elective (3) | | | |
| Elective (3) | | | |
| Elective (3) | | | |
| Total Credits = 16 | | | |

| | Eighth Semester | Sem/Yr | Grade |
|-------------------------|-----------------|--------|-------|
| Elective (3) | | | |
| Elective (3) | | | |
| Elective (3) | | | |
| Elective (3) | | | |
| Elective (2-3) | | | |
| Total Credits = 14 - 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

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.