Major Requirements (67 credits)

___ (3) BCHM 30700 Biochemistry or CHM 33900 Biochemistry: A Molecular Approach
___ (4) BIOL 11000 Fundamentals of Biology I [Satisfies 1 Science Core Course]
___ (4) BIOL 11100 Fundamentals of Biology II [Satisfies 1 Science Core Course]
___ (4) BIOL 20300 Human Anatomy & Physiology
___ (4) BIOL 20400 Human Anatomy & Physiology
___ (4) CHM 11500 General Chemistry
___ (1) CHM 25501 Organic Chemistry
___ (3) CHM 25600 Organic Chemistry
___ (1) CHM 25601 Organic Chemistry Lab
___ (2) HSCI 10100 Introduction to the Health Sciences Professions
___ (3) HSCI 13100 Introduction to Medical Terminology
___ (3) HSCI 20100 Principles of Public Health Science [Satisfies Science, Technology & Society Core]
___ (3) HSCI 20200 Essentials of Environmental, Occupational, and Radiological Health Sciences
___ (3) HSCI 22500 Healthcare Leadership and Safety
___ (3) MA 16010 Applied Calculus I [Satisfies Quantitative Reasoning Core]
___ (3) STAT 30100 Elementary Statistical Methods or STAT 50300 Statistical Methods for Biology

HSCI Selective – select a total of 12 credits from HSCI list

___ ( ) _______________________ ___ ( ) ______________________
___ ( ) _______________________ ___ ( ) ______________________

Pre-Physician’s Assistant Concentration (24 credits)
___ (3) AGRY 32000 Genetics or BIOL 24100 Biology IV: Genetics & Molecular Biology
___ (4) BIOL 22100 Introduction to Microbiology
___ (3) HDFS 21000 Introduction to Human Development
___ (3) NUTR 30300 Essential of Nutrition or NUTR 31500 Fundamentals of Nutrition
___ (3) SOC 10000 Introductory Sociology

Science and Health Selective – select a total of 8 credits from list

___ ( ) _______________________ ___ ( ) ______________________
___ ( ) _______________________ ___ ( ) ______________________

Other Departmental / Program Course Requirements (15-16 credits)
___ (3) COM 11400 Fundamental of Speech Communication [Satisfies Oral Communication Core]
___ (4-3) ENGL 10600 First Year Composition or ENGL 10800 Accelerated First-Year Composition [Satisfies Written Communication Core] and [Information Literacy Core]
___ (3) PSY 12000 Elementary Psychology [Satisfies Behavioral/Social Science Core]
___ (3) ________________ English Selective – select any 20000 level or above ENGL course
___ (3) ________________ [Humanities Core] – select from University list

Electives (13-14 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

Revised 5/2024
University Foundational Learning Outcomes List:
https://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.html

HSCI Selective List

- HSCI 30500 Basics of Oncology
- HSCI 31000 Imaging in Medicine
- HSCI 31200 Radiation Science Fundamentals
- HSCI 31300 Principles of Radiation Detection and Measurement
- HSCI 33300 Introduction to Immunology
- HSCI 33400 Lung Physiology and Medicine
- HSCI 33500 Heart Physiology and Medicine
- HSCI 33600 Eye Physiology & Disease
- HSCI 34500 Introduction to Occupational and Environmental Health Sciences
- HSCI 34600 Industrial Hygiene Engineering Control
- HSCI 34800 Industrial Hygiene Instrumentation Techniques
- HSCI 35300 Occupational Safety Management and Culture or HSCI 55300 Advanced Occupational Safety Management and Culture
- HSCI 36000 Everyday Toxicology: Poisonings from Clinics to Courtrooms
- HSCI 41500 Introduction to Nuclear and Radiological Source Security
- HSCI 42000 Applied Anatomy for Medicine
- HSCI 44700 Global Workplace Health
- HSCI 54600 Advance Industrial Hygiene Control Technology
- HSCI 54800 Advanced Industrial Hygiene Instrumentation Techniques
- HSCI 56000 Toxicology
- HSCI 56200 Analytical Toxicology and Pathology
- HSCI 58000 Occupational Biomechanics and Ergonomics
- HSCI 58001 Occupational Biomechanics and Ergonomics Laboratory

Science and Health Selective

Any 30000 or above offering in the following areas:
- BCHM
- CHM
- NUTR

or

Any 20000 or above offering in the following areas:
- ANSC
- BIOL
- ENTM
- HDFS
- HK
- MA
- PHYS
- PSY
- PUBH

or

Select offerings:
- AGRY 32000 Genetics
- AGRY 32100 Genetics Laboratory
- ANTH 20400 Human Origins
- ANTH 21200 Culture, Food & Health
- ANTH 53400 Human Osteology
- MA 16020 Applied Calculus II
- MA 16200 Plane Analytic Geometry & Calculus II
- MA 16600 Analytical Geometry & Calculus II
- PHYS 17200 Modern Mechanics
- VM 10200 Careers in Veterinary Medicine
A student may elect the Pass / Not-Pass (P/NP) grading option for elective courses only, unless an academic unit requires that a specific departmental course/s be taken P/NP. Students may elect to take University Core Curriculum courses P/NP; however, some major Plans of Study require courses that also fulfill UCC foundational outcomes. In such cases, students may not elect the P/NP option. A maximum of 24 credits of elective courses under the P/NP grading option can be used toward graduation requirements. For further information, students should refer to the College of Health and Human Sciences P/NP Policy.

Students are encouraged to use this advising worksheet as a resource when planning progress toward completion of degree requirements. An Academic Advisor may be contacted for assistance in interpreting this worksheet. This worksheet is not an academic transcript, and it is not official notification of completion of degree or certificate requirements. The University Catalog is the authoritative source for displaying plans of study. The student is ultimately responsible for knowing and completing all degree requirements.

PRPA 5/2024
The document details the suggested arrangement of courses for a Biomedical Health Sciences Pre-Physician Assistant Concentration at Purdue University. The program requires 120 semester credits and includes specific courses and prerequisites for each academic year. The document also notes the importance of ethics courses and the critical courses that a student must pass to persist and succeed in the major. A 2.0 GPA is required for graduation, and the student is ultimately responsible for knowing and completing all degree requirements. The knowledge source for specific requirements and completion is Degree Works.