BIOMEDICAL HEALTH SCIENCES
INTERDISCIPLINARY HEALTH SCIENCES CONCENTRATION
College of Health and Human Sciences

Student: ___________________________________________ PUID: ____________________________ Catalog Term: Fall 2022

Additional Majors: ____________________________________________ Minors: ____________________________________________

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

___ (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

___ (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

___ ( ) _____________________________ ( ) _____________________________

___ ( ) _____________________________ ( ) _____________________________

Interdisciplinary Health Sciences Concentration (24 credits)

___ (3) ________________ HSCI Humanities, Behavioral/Social Sciences Selective – select from HSCI list

Science and Health Selective – select a total of 21 credits from list

___ ( ) _____________________________ ( ) _____________________________

___ ( ) _____________________________ ( ) _____________________________

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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]

___ (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 5/2022
University Foundational Learning Outcomes List:
https://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.html

HSCI Selective List – select 12 credits
- HSCI 30500  Basics of Oncology
- HSCI 31000  Imaging in Medicine
- HSCI 33300  Introduction to Immunology
- HSCI 33400  Lung Physiology and Medicine
- HSCI 33500  Heart Physiology and Medicine
- HSCI 34500  Introduction to Occupational and Environmental Health Sciences
- HSCI 34600  Industrial Hygiene Engineering Control
- HSCI 34800  Industrial Hygiene Instrumentation Techniques
- 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 56000  Toxicology
- HSCI 56200  Analytical Toxicology and Pathology
- HSCI 58000  Occupational Safety and Ergonomics
- HSCI 58001  Occupational Biomechanics and Ergonomics Laboratory

HSCI Humanities, Behavioral/Social Sciences Selectives List - select any course(s) from the following subjects:
- American Sign Language (ASL)
- Anthropology (ANTH)
- Arabic (ARAB)
- Art & Design (AD)
- Chinese (CHNS)
- Classics (CLCS)
- Communication (COM)
- Dance (DANC)
- Economics (ECON)
- English (ENGL)
- French (FR)
- German (GER)
- Greek (GREK)
- Hebrew (HEBR)
- History (HIST)
- Interdisciplinary Studies (DIS)
- Italian (ITAL)
- Japanese (JPNS)
- Korean (KOR)
- Latin (LTN)
- Music (MUS)
- Philosophy (PHIL)
- Political Science (POL)
- Portuguese (PTGS)
- Psychology (PSY)
- Russian (RUS)
- Sociology (SOC)
- Spanish (SPAN)
- Theatre (THTR)
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 Career 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.

IDHS 5/2022
Suggested Arrangement of Courses:

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<th>Credits</th>
<th>Fall 1st Year</th>
<th>Prerequisite</th>
<th>Credits</th>
<th>Spring 1st Year</th>
<th>Prerequisite</th>
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<td>*BIOL 11100^cc</td>
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<tr>
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<td>*CHM 11600^cc</td>
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<td>* COM 11400^cc</td>
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<td>HSCI 13100</td>
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<td>* MA16010^cc</td>
<td>ALEKS = 75 or MA 15400 = C or MA 15800 = C</td>
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<td>CHM 11200 or CHM 11600</td>
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<td>CHM 25600^cc</td>
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<td>CHM 25501^cc</td>
<td>CHM 25500 or may be taken concurrently</td>
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<td>CHM 25600 or may be taken concurrently</td>
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<td>*HSCI 20200</td>
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<td>*HSCI 20100</td>
<td>Spring only Classification of 03</td>
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<td>*STAT 30100^cc or STAT 50300^cc</td>
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<td>3</td>
<td>HSCI 22500</td>
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<th>Spring 3rd Year</th>
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<th>Spring 4th Year</th>
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<td>HSCI Selective</td>
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<td>HSCI Selective</td>
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<tr>
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<td>Select any 20000 or above ENGL course</td>
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*Satisfies a University Core Requirement.

^cc Critical Course – a course that a student must be able to pass to persist and succeed in a particular major.

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

120 semester credits required for Bachelor of Science degree.

2.0 Graduation GPA required for Bachelor of Science degree.

The student is ultimately responsible for knowing and completing all degree requirements.

Degree Works is the knowledge source for specific requirements and completion

Fall 2022