

Student: _____ PUID: _____ Catalog Term: _____

Additional Majors: _____ Minors: _____

Occupational Health Science 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 course from University list*
- ____ (3) POL 22300 Introduction to Environmental Policy **[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 Occupational Health Science (83 credits)

- ____ (4) BIOL 20300 Human Anatomy & Physiology
- ____ (4) BIOL 20400 Human Anatomy & Physiology
- ____ (3) CE 35000 Environmental Engineering
- ____ (4) CHM 11500 General Chemistry
- ____ (4) CHM 11600 General Chemistry
- ____ (4) CHM 22400 Quantitative Analysis
- ____ (4) CHM 25700 Organic Chemistry
- ____ (1) CHM 25701 Organic Chemistry Lab
- ____ (3) CHM 33300 Principles of Biochemistry
- ____ (3) _____ *English Selective – select from list*
- ____ (3) HK 44500 Principles of Epidemiology
- ____ (2) HSCI 10100 Introduction to Health Sciences Professions
- ____ (3) HSCI 20200 Essentials of Environmental, Occupational, and Radiological Health Sciences
- ____ (3) HSCI 34500* Introduction to Occupational and Environmental Health Sciences (must earn a grade of “C” or higher)
- ____ (4) HSCI 34600* Industrial Hygiene Engineering Control (must earn a grade of “C” or higher)
- ____ (3) HSCI 34800* Industrial Hygiene Instrumentation Techniques (must earn a grade of “C” or higher)
- ____ (2) HSCI 44500 Industrial Hygiene Internship**
- ____ (3) HSCI 44600* Applied Industrial Hygiene (must earn a grade of “C” or higher)
- ____ (3) HSCI 56000 Toxicology
- ____ (3) HSCI 58000* Occupational Ergonomics (must earn a grade of “C” or higher)
- ____ (3) IT 35100 Advanced Industrial Safety & Health Management or IT 28100 Industrial Safety
- ____ (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

HSCI Humanities, Behavioral/Social Sciences Selectives – select from list (3 credits)

- ____ (3) _____ *select course from HSCI Humanities, Behavior/Social Sciences list*

Electives (7-8 credits)

____ () _____ ____ () _____ ____ () _____ ____ () _____

***A grade of “C” or higher must be earned in HSCI 34500, 34600, 34800, 44600 and 58000.**

****An internship is strongly recommended but is *not* required; HSCI 44500 can be taken as an elective if the student has had a previous acceptable industrial hygiene work experience.**

An Ethics course (such as PHIL 11100 Ethics or PHIL 29000 Environmental 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

HSCI Humanities, Behavioral/Social Sciences Selectives List - select any course(s) from the following subjects:

Anthropology (ANTH)
Art & Design (AD)
Classics (CLCS)
Communication (COM)
Dance (DANC)
Economics (ECON)
English (ENGL)
Foreign Languages & Literatures (FLL)
History (HIST)
Interdisciplinary Studies (IDIS)
Music (MUS)
Philosophy (PHIL)
Political Science (POL)
Psychology (PSY)
Sociology (SOC)
Theatre (THTR)

Name _____
 PUID _____

School of Health Sciences (HSCI)
OCCUPATIONAL HEALTH SCIENCE (OCCH)
120 credit hours required

Minor(s) _____
OCCH

Freshman Year	First Semester	Sem/Yr	Grade
BIOL 11000 (4) (S)*	Fundamentals of Biology I		
CHM 11500 (4) (S)*	General Chemistry I (MA 15400, 15800, 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) (QR)*	Applied Calculus I (ALEKS = 75 or MA 15400 or 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 = C-)		
Total Credits = 14			

Sophomore Year	Third Semester	Sem/Yr	Grade
BIOL 20300 (4) (S)*	Human Anatomy & Physiology I Fall only		
CHM 25700 (4)	Organic Chemistry (CHM 11200 or CHM 11600)		
CHM 25701 (1)	Organic Chemistry Laboratory (CHM 25700 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 20400 (4) (S)*	Human Anatomy & Physiology II Spring only (BIOL 20300)		
CHM 22400 (4)	Quantitative Analysis Spring only (CHM 11200 or CHM 11600)		
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 = 15			

Junior Year	Fifth Semester	Sem/Yr	Grade
CHM 33300 (3) or BCHM 56100 or 30700	Principles of Biochemistry (CHM 25600 or CHM 25700)		
HSCI 34500 (3)**	Intro to OCCH & ENHS Science Fall only (MA 16020 & BIOL 20400)		
OLS 25200 (3) or OLS 27400 (3)	Human Behavior in Organizations or Applied Leadership		
IT 35100 (3)	Advanced Industrial Safety & Health Mgmt		
STAT 30100 (3) (IL)*	Elem. Statistical Methods		
Total Credits = 15			

	Sixth Semester	Sem/Yr	Grade
HSCI 34600 (4)** Spring only	IH Engineering Control (HSCI 34500 & PHYS 23400)		
	PHYS 23400 may be taken concurrently.		
HSCI 34800 (3)** Spring only	IH Instrumentation Techniques (HSCI 34500 & CHM 11600 & PHYS 23400)		
	PHYS 23400 may be taken concurrently.		
POL 22300 (3) (BSS)*	Intro to Environmental Policy		
Humanities Sel. (3) (H)*	(Select from University list)		
CE 35000 (3)	Environmental Engineering (CHM 11600 & PHYS 23300 & MA 16020)		
Total Credits = 16			

Senior Year	Seventh Semester	Sem/Yr	Grade
HK 44500 (3)	Principles of Epidemiology Fall only (STAT 30100)		
HSCI 44500 or Elective (2)	Industrial Hygiene Internship		
HSCI 44600 (3)**	Applied Industrial Hygiene Fall only (HSCI 34600)		
HSCI 56000 (3)**	Toxicology Fall only (CHM 33300 & BIOL 20400)		
HSCI 58000 (3)**	Occupational Ergonomics Fall only (BIOL 20400 & PHYS 23400)		
Total Credits = 14			

	Eighth Semester	Sem/Yr	Grade
English Selective (3)			
Elective (3)			
HSCI Hum. Sel. (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

****Must earn a grade of at least a C in HSCI 34500, 34600, 34800, 44600, and 58000.**

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.