

Student: _____ PUID: _____ Catalog Term: _____

Additional Majors: _____ Minors: _____

Environmental Health Sciences 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 Environmental Health Sciences (72 credits)

- ____ (3) AGRY 29000/NRES 29000 Intro to Environmental Science
- ____ (4) BIOL 20300 Human Anatomy & Physiology
- ____ (4) BIOL 20400 Human Anatomy & Physiology
- ____ (4) BIOL 22100 Introduction to Microbiology
- ____ (3) CE 35000 Environmental Engineering
- ____ (4) CHM 11500 General Chemistry
- ____ (4) CHM 11600 General Chemistry
- ____ (4) CHM 22400 Introduction Quantitative Analysis
- ____ (4) CHM 25700 Organic Chemistry
- ____ (1) CHM 25701 Organic Chemistry Laboratory
- ____ (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 & Environmental Health Sciences (**must earn a grade of C or higher*)
- ____ (3) HSCI 56000 Toxicology
- ____ (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

Environmental Policy Selective – select from list (3 credits)

- ____ (3) _____

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

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

Electives (15-16 credits)

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

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

Revised 5/2015

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

Environmental Policy Selective List

ANTH 32700 Environment & Culture
CE 35500 Engineering Environmental Sustainability
EAPS 32700 Climate, Science, & Society
FNR 48800 Global Environmental Issues
POL 32700 Global Green Politics
POL 42300 International Environmental Policy
POL 42500 Environmental Law

HSCI Humanities, Behavioral/Social Sciences Selectives List - select any course 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)
ENVIRONMENTAL HEALTH SCIENCE (ENHS)
120 credit hours required

Minor(s) _____
ENHS

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, or 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 233000 (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)	Introduction to 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
AGRY 29000 (3)	Intro to Environmental Science		
	Fall only		
CHM 33300 (3) or BCHM 56100 or 30700	Principles of Biochemistry (CHM 25600 or CHM 25700)		
HSCI 34500 (3)**	Intro to Occupational & Environ. Health Sciences		
	Fall only (MA 16020 & BIOL 20400)		
OLS 25200 (3) or OLS 27400 (3)	Human Relations in Organizations or Applied Leadership		
STAT 30100 (3) (IL)*	Elementary Statistical Methods		
Total Credits = 15			

Senior Year	Seventh Semester	Sem/Yr	Grade
HK 44500 (3)	Principles of Epidemiology		
	Fall only (STAT 30100)		
HSCI 56000 (3)	Toxicology		
	Fall only (CHM 33300 and BIOL 20400)		
HSCI Hum. Sel. (3)			
Environ Policy Sel (3)			
	(Select from HSCI Env. Policy Sel. list)		
Elective (3)			
Total Credits = 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

	Sixth Semester	Sem/Yr	Grade
BIOL 22100 (4)	Introduction to Microbiology		
	(One semester of BIOL & CHM 11600)		
POL 22300 (3) (BSS)*	Introduction to Environmental Policy		
CE 35000 (3)	Environmental Engineering		
	(CHM 11600 & PHYS 23300 & MA 16020)		
English Selective (3)			
Humanities Sel. (3) (H)*	(Select from University list)		
Total Credits = 16			

	Eighth Semester	Sem/Yr	Grade
Elective (3)			
Elective (3)			
Elective (3)			
Elective (3)			
Elective (0 - 1)			
Total Credits = 12 - 13			

****Must earn a grade of at least a C in HSCI 34500.**

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

Environmental Health
5/2015