PURDUE

OCCUPATIONAL HEALTH SCIENCE

College of Health and Human Sciences

HLTH-BS OCCH 120 credits

Additional Majors:	Student:		PUID:	Catalog Term:
(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 I! [Fulfills 1 Science Core Course] (4) BIOL 11010 Fundamentals of Biology I! [Fulfills 1 Science Core Course] (5) Fundamentals of Biology I! [Fulfills 1 Science Core Course] (6) BIOL 1010 Applied Calculus I [Quantitative Reasoning] (7) BIOL 20300 Introduction to Environmental Policy [Behavior/Social Science] (8) BIOL 20300 Introduction to Environmental Policy [Behavior/Social Science] (8) BIOL 20300 Human Anatomy & Physiology (8) BIOL 20400 Human Anatomy & Physiology (8) BIOL 20400 Human Anatomy & Physiology (8) BIOL 20400 Environmental Engineering (4) CHM 11500 General Chemistry (4) CHM 11500 General Chemistry (4) CHM 25700 Organic Chemistry (5) Biology (7) Bio	Additional 1	Majors:	Minors:	
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An Ethics course (such as PHIL 11100 Ethics or PHIL 29000 Environmental 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

^{*}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.

Name	School of Health Sciences (HSCI)	Minor(s)
PUID	OCCUPATIONAL HEALTH SCIENCE (OCCH)	, ,
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120 credit hours required Effective: Fall 2014 Beginners

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Freshman Year	First Semester	Sem/Yr	Grade
BIOL 11000 (4)	Fundamentals of Biology I		
(S)*			
CHM 11500 (4)	General Chemistry I		
(S)*	(MA 154, 158, 159 or calculus placement)		
ENGL 10600 (4) or	First-Year English Composition or		
ENGL 10800 (3) (WC, IL)*	Accelerated First-Year Composition		
HSCI 10100 (2)	Intro to Health Science Professions		
	Fall only		
MA 16010 (3)	Applied Calculus I		
(QR)*	(ALEKS = 75 or MA 154 or 158 = C-)		
Total Credits = 16 - 17			

	Second Semester	Sem/Yr	Grade
BIOL 11100 (4)	Fundamentals of Biology II		
(S)*	(BIOL 11000)		
CHN 11(00 (4)	Constant H		
CHM 11600 (4)	General Chemistry II		
(S)*	(CHM 11200 or CHM 11500)		
COM 11400 (3) or	Fundamentals of Speech Communication		
COM 21700 (3)	or Science Writing and Presentation		
(OC)*			
MA 16020 (3)	Applied Calculus II		
(QR)*	(MA 16010)		
Total Credits = 14			

Sophomore Year	Third Semester	Sem/Yr	Grade
BIOL 20300 (4)	Human Anatomy & Physiology I		
(S)*	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)	Essentials of EH, OH and RH		
(STS)*	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)	Human Anatomy & Physiology II		
(S)*	Spring only (BIOL 20300)		
CHM 22400 (4)	Quantitative Analysis		
	Spring only (CHM 11200 or CHM 11600)		
HSCI 20100 (3)	Principles of Public Health Sciences		
(STS)*	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	Principles of Biochemistry		
BCHM 56100 (3)	(CHM 25600 or CHM 25700)		
HSCI 34500 (3)**	Intro to OCCH & ENHS Science		
	Fall only (MA 16020 & BIOL 20400)		
OLS 25200 (3) or	Human Behavior in Organizations or		
OLS 27400 (3)	Applied Leadership		
IT 35100 (3)	Advanced Industrial Safety & Health Mgmt		
STAT 30100 (3)	Elem. Statistical Methods		
(IL)*			
Total Credits = 15			

	Sixth Semester	Sem/Yr	Grade
HSCI 34600 (4)**	IH Engineering Control		
	Spring only (HSCI 34500 & PHYS 23400)		
HSCI 34800 (3)**	IH Instrumentation Techniques		
	Spring only (HSCI 34500)		
POL 22300 (3)	Intro to Environmental Policy		
(BSS)*			
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 (2) or	Industrial Hygiene Internship		
Elective (2)			
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			

(-)		
	Fall only (STAT 30100)	
HSCI 44500 (2) or	Industrial Hygiene Internship	
Elective (2)		
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		

University Foundations Learning Outcome List

http://www.purdue.edu/provost/initiatives/curriculum/course.html

	Eighth Semester	Sem/Yr	Grade
English Selective (3)			
Elective (3)			
Licetive (3)			
HSCI Hum. Sel. (3)			
TISCI Huili. Sel. (3)			
Elective (3)			
Elective (1 - 2)			
Total Credits = 13 - 14	Fat least a C in USCI 24500 24600 24800		

^{**}Must earn a grade of at least a C in HSCI 34500, 34600, 34800, 44600, and 580.

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.

^{*(}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