

Occupational and Environmental Health Sciences Ph.D. in Occupational and Environmental Health Sciences Thesis College of Health and Human Sciences

Required Courses (24 credits)

	(0)	F	CHM 60500 Safety in the Laboratory*			
	(3)	FSp	HSCI 34500 Introduction to Occupational and Environmental Health Sciences			
	(2)	Sp	HSCI 54400 Advanced Topics in Exposure Assessment			
	(3)	F	HSCI 54700 Fundamentals of Epidemiology			
	(3)	F	HSCI 56000 Toxicology			
	(3)	Sp	HSCI 57500 Introduction to Environmental Health			
	(1)	Sp	HSCI 61300 Professionalism and Professional Development in Health Sciences AND CITI Responsible			
		-	Conduct of Research (RCR) training			
			OR GRAD 61200 Responsible Conduct Of Research (F, Sp)			
	(1)	F	HSCI 62500 Grant Writing for Health Sciences			
	(2)	F,Sp	HSCI 69600 Graduate Seminar**			
	(3)	-	Statistics Selective – select from list			
	(3)		Statistics Selective – select from list			
OEHS Selectives (6-9 Credits)						

Select at least 6-9 Credits from the list below in consultation with your advisor and advisory committee.

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<u>Electives (0 Credits)</u>		
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Research (57-60 Credits)

(57-60) F,SpSu HSCI 69900 PhD Thesis Research***

F=Fall, Sp=Spring, Su=Summer

*CHM 60500 is required if doing work in a laboratory

All students are required to take HSCI 69600 for credit twice and for 0 credit all remaining fall and spring semesters. *Students are expected to enroll in PhD Thesis Research every semester; the number of credits per semester can vary, but need to bring total credits to at least 90.

Note: Many courses are not offered every semester. It is the student's responsibility to check on the availability of courses when planning their schedules.

A total of 90 residency hours is required for the Ph.D. degree. These residency hours may be any combination of course credit hours or research credit hours. Up to 30 hours may be credited for an M.S. degree upon recommendation of the Ph.D. graduate student's advisory committee and this may include all required coursework and the clinical internship if the equivalent has recently been taken. No more than 6 credit hours of coursework at the 300 or 400 level is allowed to form part of the student's Ph.D. degree plan of study.

Completion of the Ph.D. thesis is a major requirement for this degree.

A full-time student has a minimum of 8 credit hours each semester (6 in the summer); doctoral students are strongly encourage to take research credits in addition to any coursework to ensure enrollment in at least 12 credit hours per semester. In addition to the core course listed in the student's plan of study, the student's course load can be supplemented by electives and/or additional research credits. In addition to the many course offerings in the School of Health Science and depending on the interests of the student, there are many more electives the student can chose throughout Purdue University.

Graduate courses taken while registered as a graduate student at Purdue University may be considered for fulfilling the plan of study requirements only if the student has received grades of C or better. For courses at the 300 or 400 level taken as a graduate student or courses that represent either undergraduate or graduate excess credit or transfer credit, grades of B or better are required for fulfilling plan of study requirements.



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<u>Statistics Selective Courses</u>	Statistics	Selective	Courses [†]
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- (3) Sp HSCI 52500 Statistics for Health Sciences
- ____ (3) F,Sp,Su STAT 50300 Statistical Methods in Biology
- _____ (3) F,Sp,Su STAT 51100 Statistical Methods
- _____ (3) F,Sp,Su STAT 51200 Applied Regression Analysis
- ____ (3) F,Sp,Su STAT 51400 Design of Experiments
- (3) F HDFS 61300 Quantitative Methods I: Inferential Statistics And ANOVA⁺⁺
- (4) Sp HDFS 61700 Quantitative Methods II: Regression⁺⁺
- (3) F PUBH 60100Introduction To The Quantitative Methods Of Public Health

[†]Alternate statistics courses are allowed with advisor and committee approval. ^{††}Instructor approval required.

OEHS Selective Courses (6-9 Credits)

 (3)	Sp	HSCI 52000 Environmental Risk Assessment
 (4)	Sp	HSCI 54600 Advanced Industrial Hygiene Control Technology
 (3)	Sp	HSCI 54800 Advanced Industrial Hygiene Instrumentation Techniques
 (3)	Sp	HSCI 55100 Physical Agents in Environmental Health
 (3)	F	HSCI 55200 Introduction to Aerosol Science
 (3)	Sp	HSCI 55300 Advanced Occupational Safety and Management Culture
 (2)	F	HSCI 58000 Occupational Biomechanics and Ergonomics
 (1)	F	HSCI 58001 Occupational Biomechanics and Ergonomics Laboratory
 (1)	FSpSu	HSCI 59000 Emerging Contaminants