

# Occupational and Environmental Health, PhD

## Requirements

The Doctor of Philosophy (PhD) in occupational and environmental health requires 72 s.h. of graduate credit. All students must complete a dissertation.

All courses except OEH:5010, OEH:7000, OEH:7020, CPH:6100, and CPH:7270 must be taken on an A-F graded basis and may only apply to the degree once.

The PhD in occupational and environmental health requires the following coursework.

## Core Courses

Course #	Title	Hours
All of these:		
OEH:4240	Global Environmental Health	3
OEH:5010	Occupational and Environmental Health Seminar (taken three times, twice for 0 s.h. and once for 1 s.h.)	1
OEH:5620	Occupational Health	3
OEH:7060	Research Design in Occupational and Environmental Health	3
OEH:7070	Interpreting Occupational and Environmental Health Research	3
BIOS:4120	Introduction to Biostatistics	3
CPH:6100	Essentials of Public Health	2
CPH:7270	Principles of Scholarly Integrity: Public Health (taken twice, once for 0 s.h. and once for 1 s.h.)	1
EPID:4400	Epidemiology I: Principles	3
One of these:		
OEH:6460	Quantitative Exposure Assessment: Study Design and Evaluation	3
OEH:6520/ EPID:6510	Injury Epidemiology	3

## Selectives

Course #	Title	Hours
9 s.h. from these:		
OEH:6110	Rural Health and Agricultural Medicine	3
OEH:6230	Applied Environmental Health	3
OEH:6420	Methods in Exposure Science	3
OEH:6431	Assessing Noise Hazards	1

OEH:6432	Assessing Nonionizing Radiation Hazards	1
OEH:6433	Assessing Ionizing Radiation Hazards	1
OEH:6440	Control of Occupational Hazards	3
OEH:6450	Aerosol Technology	3
OEH:6460	Quantitative Exposure Assessment: Study Design and Evaluation	3
OEH:6520/ EPID:6510	Injury Epidemiology	3
OEH:6710	Human Toxicology and Risk Assessment	3
OEH:6720	Advanced Toxicology	4
BIOS:5120/ IGPI:5120/ STAT:5610	Regression Modeling and ANOVA in the Health Sciences	3
BIOS:5130/ IGPI:5130	Applied Categorical Data Analysis	3
BIOS:6310/ IGPI:6310/ STAT:6550	Introductory Longitudinal Data Analysis	3
EPID:6400	Epidemiology II: Advanced Methods	4
PSQF:6246/ STAT:6516	Design of Experiments	3

## Research and Electives

Students complete 38 s.h. in research and elective coursework. They may apply up to a combined 20 s.h. from OEH:7000 Thesis/Dissertation and OEH:7020 Independent Study in Occupational and Environmental Health toward this requirement.

Students complete the remainder of their credit (at least 18 s.h.) in non-research-related courses taken on an A-F graded basis, including classroom courses or equivalent web-based courses. This may include courses numbered 4000 or above from the following College of Public Health units: occupational and environmental health (prefix OEH), excluding OEH:7000 and OEH:7020; biostatistics (prefix BIOS); community and behavioral health (prefix CBH); college of public health (prefix CPH); epidemiology (prefix EPID); or health management and policy (prefix HMP). Students work with an advisor to select courses appropriate for their professional goals, which may include coursework outside of the College of Public Health.