

# PhD in Environmental Health

## Admission Requirements

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** A major in the biological, physical, or social sciences is preferred. Students must have a relevant master's degree and meet the prerequisites for admission to the MS which include one year of college math, one course in college chemistry, and one course in biology or physics prior to enrollment in the MS program.
- **Grade Point Average** At least 3.00/4.00.
- **Tests Required** GRE General. For GRE General tests, combined verbal and quantitative scores must be at least 300.
- **Minimum English Competency Test Score**
  - **TOEFL iBT** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21, **OR**,
  - **IELTS Academic** 6.5, with 6.0 in each of the four subscores, **OR**,
  - **PTE-Academic** 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required.
- **Personal Statement** Required; the statement should address the applicant's intended research, career goals, and reason for pursuing the PhD degree in the chosen area.
- **Other Requirements:** Applicants may submit their master's thesis as evidence of their ability to plan and complete significant health-related research.

## Degree Requirements

- **Minimum Semester Hours Required** 96 from the baccalaureate.
- **Coursework** Students must complete a minimum of 9 semester hours in formal 500 series courses in major area of concentration (not necessarily in one division). Students must also complete 6 semester hours in a collateral area. Note: The 595-seminar series may not be counted towards fulfillment of this requirement.

## School of Public Health Core Requirements

Code	Title	Hours
<b>Required Courses</b>		
IPHS 450	Foundations and Determinants of Public Health	
EPID 403	Introduction to Epidemiology: Principles and Methods	
BSTT 400	Biostatistics I	
BSTT 401	Biostatistics II	
<b>Required Non-Credit Training</b>		
	Human Subjects Research	
	Title IX Training	
	SPH Academic Integrity Tutorial	

## Divisional Requirements

Code	Title	Hours
<b>Required Courses</b>		
EOHS 401	Foundations of Environmental and Occupational Health	
EOHS 402	Systems Approach in Environmental and Occupational Health	
EOHS 495	Environmental/Occupational Health Seminar	
EOHS 501	Exposure Assessment Strategies	
EOHS 502	Environment, Toxicology, and Disease	
EOHS 556	Risk Assessment in Environmental and Occupational Health	
EOHS 595	PhD Seminar in EOHS	

### Methods Selective

Students should select one course from one of the following lists of courses in either qualitative OR quantitative methods; to be selected according to academic needs and research activities.

#### Qualitative Methods

CHSC 534	Management and Analysis of Qualitative Data
CLJ 561	Qualitative Methods and Design
DHD 546	Qualitative Methods in Disability Research
NURS 574	Qualitative Research in Nursing
PSCH 531	Community Research

#### Quantitative Methods

BSTT 537	Longitudinal Data Analysis
EPID 500	Applied Methods for the Analysis of Epidemiologic Data
EPID 501	Advanced Quantitative Methods in Epidemiology
IE 442	Design and Analysis of Experiments in Engineering

### Electives

Students are required to complete 9 semester hours of 500-level courses related to their declared area of concentration, and 6 semester hours of 500-level courses related to their declared collateral area. EOHS 595 cannot be applied towards these requirements.

Students are required to take electives to obtain a minimum of 96 semester hours. Students without a prior master's degree in public health or a related area will be required to complete 37 semester hours of electives.

- **Dissertation** Required. Students must register in IPHS 599 for at least 32 semester hours.
- **Other Requirements** Students must obtain supervised experience in classroom teaching in at least one course for at least part of a semester.