

**Environmental Health Sciences**  
**Sample Curriculum for MPH Students**

**Year 1 – Fall**

PH 142 – Probability & Statistics – 4 units  
PH 250A or B – Epidemiological Methods – 3 or 4 units  
PH 270A – Exposure Assessment & Control I – 3 units  
PH 292 – EHS Masters Seminar 1 unit – **(S/U only)**

**Year 1 – Spring**

PH 145 Statistical Analysis of Continuous-Outcome Data 4 units  
Electives 8-10 units  
PH 270B Toxicology 3-units

**Year 1 – Summer**

Internship, full time 3 units

**Year 2 – Fall**

PH 220C Health Risk Assessment, Policy & Regulation 4 units  
Electives 8-12 units

**Year 2 – Spring**

Electives 10-12 units

# **Environmental Health Sciences**

## **Sample Curriculum for IH MPH Students**

The curriculum for the Industrial Hygiene specialization is a bit less flexible. The suggested order of the required coursework is shown below. However, the student with her/his advisor should plan a program that best meets the student's needs and interests. For example, a student might wish to change the order of some of the required courses.

### **Year 1 – Fall**

PH 200C Public Health Breadth Course 2 units  
PH 142 Probability & Statistics 4 units  
PH 270A Exposure Assessment & Control I 3 units  
PH 292 EHS Masters Seminar 1 unit (S/U only)

### **Year 1 – Spring**

PH 145 Statistical Analysis of Continuous-Outcome Data 4 units  
PH 270B Toxicology 3 units  
PH 295 Exposure Assessment & Control II 3 units  
Electives: 3 units

### **Year 1 – Summer**

PH 297 Internship, full time 3 units (S/U only)  
Fundamentals of Workplace Safety (2-day course) No units

### **Year 2 – Fall**

PH 220C Health Risk Assessment, Policy & Regulation 4 units  
PH 250A or B Epidemiology Methods 3 or 4 units  
PH 298 Occupational Health Clinic 1 1 unit (S/U only)  
PH 299 Occupational Fatality Case Analysis 2 units  
Electives: 3 units

### **Year 2 – Spring**

PH 200D Integrative Breadth Course 2 units  
Electives: 10 units

MPH IH students are required to take three electives in courses related to occupational health. Examples of suitable courses are:

- Indoor Air Quality (CE 109) 3 units
- Environmental Engineering (CE 111) 3 units
- Public Health Microbiology (PH 162A) 3 units
- Principles of Infectious Disease (PH 260A) 3 units
- Molecular and Genetic Epidemiology (PH 256), 3 units
- Characterization of Airborne Chemicals (PH 267B) 3 units
- Occupational Biomechanics (PH 269C) 4 units
- Reproductive Hazards of Industrial Chemicals (PH 271B) 3 units
- Special Topics in Business Administration (MBA 296) 3 units