

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