Environmental Health MPH

The Environmental Health (EH) MPH program addresses environmental and occupational health concerns as they relate to public health in Minnesota, the United States and around the world. While completing program requirements, students have the opportunity to explore their own interests by choosing one of eight elective areas of emphasis in consultation with their academic advisor. Students must complete a minimum of 42 credits. To complete program requirements, students will choose electives, in consultation with their academic advisor, which may include credits towards a minor.

**Environmental Infectious Diseases**
- PubH 6181 Surveillance of foodborne diseases & food safety hazards (2 cr)
- PubH 6182 Emerging Infectious Diseases: Current Issues (3 cr)
- PubH 6385 Epidemiology of Infectious Diseases (2 cr)
- VMED 5180 Ecology of Infectious Diseases (3 cr)

**Environmental & Occupational Epidemiology**
* PubH 6450 & PubH 6341 required.
- PubH 6140 Environmental and Occupational Epidemiology (2 cr)
- PubH 6342 Epidemiologic Methods II (3 cr)
- PubH 6451 Biostatistics II (4 cr)

**Food Safety**
- PubH 7210 must be taken twice, for a total of 1 credit
- PubH 6181 Surveillance Foodborne Diseases & Food Safety Hazards (2 cr)
- PubH 6182 Emerging Infectious Diseases: Current Issues (3 cr)
- PubH 6183 Theory & Practice of Outbreak Investigations (1 cr)
- PubH 6385 Epidemiology of Infectious Diseases (2 cr)
- PubH 7210 Global Food Systems (0.5 cr)

**Global Environmental Health**
- PubH 6108 Foundations of Global Health (2 cr)
- PubH 6131 Working in Global Health (2 cr)
- PubH 6132 Air, Water, and Health (2 cr)
- PubH 6134 Sustainable Development in Global Public Health (2 cr)
- PubH 6182 Emerging Infectious Disease: Issues, Policies, & Controversies (3 cr)

**Injury & Violence Epidemiology & Prevention**
- PubH 6120 Injury Prevention in the Workplace, Community, & Home (2 cr)
- PubH 6123 Violence Prevention & Control: Theory, Research, & Application (2 cr)
- PubH 6342 Epidemiologic Methods II (3 cr)
- PubH 8120 Occ & Environmental Health and Safety Research Seminar (2 cr)

**Occupational & Environmental Health Nursing**
- PubH 6120 Injury Prevention in the Workplace, Community, & Home (2 cr)
- PubH 6130 Occupational Medicine: Principles and Practice (2 cr)
- PubH 6150 Interdisciplinary Eval of Occ Health & Safety Field Problems (3 cr)
- PubH 6151 Occupational & Environmental Health Nursing Seminar (1 cr)
- PubH 6170 Introduction to Occupational Health & Safety (3 cr)

**Occupational & Environmental Medicine**
- PubH 6120 Injury Prevention in the Workplace, Community and Home (2 cr)
- PubH 6130 Occupational Medicine: Principles and Practice (3 cr)
- PubH 6140 Occupational and Environmental Epidemiology (2cr)
- PubH 6150 Interdisciplinary Eval of Occ Health & Safety Field Problems (3 cr)
- PubH 6159 Principles of Toxicology I (2 cr)
- PubH 6170 Introduction to Occupational Health and Safety (3 cr)
- PubH 6173 Exposure to Physical Agents (2 cr)
- PubH 6387 Cancer Epidemiology (2 cr)
- PubH 8120 Occupational Safety and Health Research Seminar (1 cr)

**Regulatory Toxicology and Risk Assessment**
- PubH 6112 Env Health Risk Assessment: App to Human Health Risks from Exposure to Chemicals (2 cr)
- PubH 6159 Principles of Toxicology I (2 cr)
- PubH 6160 Principles of Toxicology II (3 cr)
- PubH 6161 Regulatory Toxicology (2cr)
- PubH 6162 Application of Biomarkers in Public Health Research (2 cr)
- PubH 8169 Advanced Toxicology (2 cr)
- PubH 8161 Current Literature in Toxicology (1 cr)

**Program Coordinator**
Email: enhasss@umn.edu
Web: sph.umn.edu

**Program Director**
Matt Simcik, PhD
Email: mmsimcik@umn.edu
Phone: 612-625-0622
Web: sps.umn.edu

**Version date:** 10/6/2020. All coursework, class code and credit amount is subject to change. Above curriculum representative for students entering Spring 2021. Catalog: catalogs.umn.edu/grad/index.html