

ENVIRONMENTAL HEALTH



Improve environmental and workplace safety and health on a grand scale through this rigorous, top-ranked program that expertly blends science with public health concepts.

PROGRAM OVERVIEW

MPH: 42 CREDITS

The MPH program provides a solid foundation in environmental health that prepares highly skilled public health practitioners.

Students complete at least 42 credits as follows:

- Public health core requirements (14 credits)
- Environmental Health Sciences courses (8-16 credits)
- Elective courses (12-18 credits)

Elective credits are chosen in consultation with a faculty adviser and can be applied to any of the following concentrations:

- General Environmental Health
- Environmental Infectious Diseases and Food Safety
- Environmental & Occupational Epidemiology
 - Injury & Violence Prevention Epidemiology falls within this concentration
- Global Environmental Health
- Industrial Hygiene
- Occupational & Environmental Health Nursing
- Occupational & Environmental Medicine
- Regulatory Toxicology & Risk Assessment

MS: 30-36 CREDITS

The MS program focuses on the research and analytic methods underlying evidence-based decision-making, and is ideal for both practitioners and those contemplating careers in research or academic institutions. Students must prepare a research paper for their integrated learning experience.

Students complete at least 30 credits as follows:

- Core courses (16-19 credits)
- Elective courses (14-17 credits)

Elective credits are chosen in consultation with a faculty adviser and can be applied to any of the following concentrations:

- Environmental Chemistry
- Environmental Infectious Diseases
- Environmental & Occupational Epidemiology
 - Injury & Violence Prevention Epidemiology falls within this concentration
- Exposure Sciences
- Industrial Hygiene
- Regulatory Toxicology & Risk Assessment

DUAL-DEGREE OPTIONS

MPH/JD, U of M Law School

MS/JD, U of M Law School

ADVANTAGES OF THE PROGRAM

Connections. Close partnerships with state agencies (such as the Minnesota Department of Health) and local companies (such as 3M, Medtronic, Cargill, and Ecolab), provide unique applied practice experiences, professional mentorship, and abundant career opportunities.

Innovative research. Students engage with and learn from faculty who are deeply involved in current practice and research.

Highly ranked. A degree from a top 10 school of public health provides distinction in competitive career environments.

CAREER

The current job market for environmental health sciences graduates is extremely strong due to ever-increasing numbers of environmental and workplace pollutants and hazards. Graduates are well-prepared to work in universities, private companies and NGOs, national and international organizations, and state and local departments of health on health protection and promotion, applied research, education, and program development.

POSITIONS HELD BY GRADUATES

3M, Inc.

Advanced Industrial Hygienist (MS)

State of California

Associate Toxicologist (MS)

UnitedHealth Group

Senior Healthcare Economics Analyst (MS)

Minnesota Department of Health

Biomonitoring & Engineering Contaminants Unit Supervisor (MPH)

City of Minneapolis

Health Inspector (MPH)

APPLICATION REQUIREMENTS

- Official transcripts
- 3 letters of recommendation
- Resume or C.V.
- Statement of Purpose and Objectives

EXPERT FACULTY

Our relevant and rigorous curriculum is created by expert School of Public Health faculty (one profiled below) in partnership with advisory boards who provide critical input on program development.



Matt Simcik, associate professor, conducts research that focuses on how and why organic pollutants end up in our atmosphere and water. His research interests include gas-particle partitioning, atmosphere deposition, air-water and air-terrestrial exchange, and phototoxicity. Matt teaches within the Environmental Health Sciences MPH program and Environmental Chemistry MS and PhD concentrations.