

ENVIRONMENTAL HEALTH SCIENCES



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 FORMAT & CURRICULUM

MPH: 42 CREDITS, 2 YEARS

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

Students complete at least 42 credits as follows:

- Core courses (18 credits)
- Environmental Health Sciences core courses (16 credits)
- Elective courses (14 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
- Environmental & Occupational Epidemiology
- Global Environmental Health
- Industrial Hygiene
- Occupational & Environmental Health Nursing
- Occupational & Environmental Medicine
- Regulatory Toxicology & Risk Assessment

MS: 30 CREDITS, 2 YEARS

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 culminating 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
- 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 the Minnesota Department of Health and local companies such as 3M, Medtronic, Cargill, and Ecolab, provide unique field experiences, professional mentorship, and abundant career opportunities.

Innovative research. Students engage with 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)

ADMISSIONS REQUIREMENTS

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

APPLICATION DEADLINE

Scholarship priority deadline: **December 1**

Final deadline: **June 15**

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.

FINANCIAL SUPPORT

Up to 100% tuition funding assistance* is available for students enrolled in the following programs and concentrations:

- Industrial Hygiene
- Occupational and Environmental Health Nursing
- Occupational and Environmental Medicine

Funding may include stipend support, tuition reimbursement, and scholarships. Funds are provided by the Midwest Center for Occupational Health & Safety Education & Research Center through a training grant from the National Institute for Occupational Safety & Health.

* Dependent on NIOSH grant renewal.

FOR MORE INFORMATION

Khosi Nkosi

Program Coordinator

Email: nkosi001@umn.edu

Phone: 612-625-0622

SPH.UMN.EDU

© 2017 The University of Minnesota is an equal opportunity educator and employer. Printed on recycled and recyclable paper with at least 10 percent postconsumer waste material. This material is available in alternative formats upon request: 612-626-0622.



SCHOOL OF
PUBLIC HEALTH
UNIVERSITY OF MINNESOTA