

4+1 ENVIRONMENTAL HEALTH



Through the teaching and support of world-class faculty, graduates with a MPH in Environmental Health from the U of MN School of Public Health 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.

Earn a graduate degree from the University of Minnesota School of Public Health—a top ten school of public health in the U.S.

PROGRAM FORMAT

The 4+1 Environmental Health MPH program is designed specifically for undergraduate students who are currently enrolled in the University of Minnesota College of Biological Sciences (CBS), providing them a unique opportunity to complete a bachelor's and master's degree within five years.

Students fulfill all CBS undergraduate requirements as determined by their program and begin graduate coursework in Environmental Health during their fourth year. Environmental Health graduate courses and the corresponding MPH degree are administered by the U of MN School of Public Health.

WHAT IS ENVIRONMENTAL HEALTH?

Environmental Health Sciences is a multidisciplinary field that focuses on how the environment—ranging from chemical exposures to the built environment—affects human health. People in environmental health measure exposures, determine if they harm health and develop policies to prevent injury and disease.

BENEFITS OF THE PROGRAM

- **Saves time.** Earn a BS and a MPH in just 5 years.
- **Saves money.** Students pay the undergraduate tuition rate instead of the graduate school tuition rate for the Environmental Health courses they take during their senior year as undergraduates.
- **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.
- **Excellence in education.** Emphasizes a solid foundation in Environmental Health with the same rigor and coursework as students in the traditional 2-year MPH program.

CAREER

Environmental Health professionals promote and enforce better environmental practices, monitoring air, water and food quality and working to combat climate change.

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

Minnesota Department of Health

Biomonitoring & Engineering Contaminants Unit Supervisor

City of Minneapolis

Health Inspector

Minnesota Department of Health

Research Scientist

Neighborhood HealthSource

Quality Manager

The Ohio State University

PhD Student in Food Science & Technology

ADMISSIONS

PREREQUISITES

To be eligible for this program, you must:

- Be admitted to the College of Biological Sciences;
- Have Junior (60+ credits) standing;
- Have a minimum GPA of 3.25;
- Have the ability to complete 12 graduate level credits during your senior year in addition to your remaining bachelor's degree requirements.

APPLICATION REQUIREMENTS

- Statement of purpose and objectives
- Resume or curriculum vitae (CV)
- Official transcripts
- Three letters of recommendation, including one from the CBS college adviser

ADMISSION RECOMMENDATIONS

Students must apply in their junior year of undergraduate studies and are advised to begin planning for the MPH degree in their sophomore year or earlier with the guidance of their CBS adviser.

LEARN MORE

SPH.UMN.EDU

EXPERT FACULTY

Environmental Health students engage with School of Public Health faculty (two profiled below) who are deeply involved in industry partnerships and research.



Betsy Wattenberg has a background in molecular toxicology, chemical carcinogenesis, and environmental health risk assessment. She teaches introductory and advanced toxicology courses, and courses that emphasize community-based learning.



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.