***Twin Cities Campus***

# Environmental Health Minor

*School of Public Health - Adm*

**School of Public Health**

Link to a list of faculty for this program.

**Contact Information:**
School of Public Health, MMC 819, A395 Mayo Memorial Building, 420 Delaware Street, Minneapolis, MN 55455 (612-626-3500 OR 1-800-774-8636)
Email: sph-ask@umn.edu
Website: http://www.sph.umn.edu

- Program Type: Graduate minor related to major
- Requirements for this program are current for Fall 2019
- Length of program in credits (Masters): 6
- Length of program in credits (Doctorate): 12
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the General Information section of the catalog website for requirements that apply to all major fields.

The environmental health minor is designed for students who wish to understand how our physical and social environment affects public health. Students will learn about exposure to physical and social stressors, such as chemicals, infectious agents, stress, and violence; how stressors affect health; and how decisions are made to protect health.

## Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

## Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

Students enrolled in University master's or doctoral programs are eligible for the minor.

Other requirements to be completed before admission:
Prior consultation with the major field academic advisor regarding pursuit of the Environmental Health minor is expected. For more information regarding the Environmental Health minor, contact sph-ask@umn.edu.

For an online application or for more information about graduate education admissions, see the General Information section of the catalog website.

## Program Requirements

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

Courses offered on both the A/F and S/N grade basis must be taken A/F. A minimum grade of B- is required for all courses.

The minimum cumulative GPA for the minor is 3.00.

## Program Sub-plans

Students are required to complete one of the following sub-plans.
Students may not complete the program with more than one sub-plan.

### Masters

**Master's Coursework (6 credits)**
**Required Course (2 credits)**

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Take the following course.
PUBH 6102 - Issues in Environmental Health (2.0 cr)

**Electives (4 credits)**

Master's students must select 4 credits from the following list, in consultation with the Environmental Health director of graduate studies.

PubH 6100 Topics must be GIS and Spatial Analysis (3 cr).
PUBH 6100 - Topics: Environmental Health (1.0 - 4.0 cr)
PUBH 6106 *{Inactive}*(2.0 cr)
PUBH 6112 - Environmental Health Risk Assessment: Application to Human Health Risks from Exposure to Chemicals (2.0 cr)
PUBH 6115 - Worker Protection Law (1.0 cr)
PUBH 6116 - Environmental Law (1.0 cr)
PUBH 6120 - Injury Prevention in the Workplace, Community, and Home (2.0 cr)
PUBH 6123 - Violence Prevention and Control: Theory, Research, and Application (2.0 cr)
PUBH 6154 - Climate Change and Global Health Modeling (3.0 cr)
PUBH 6161 - Regulatory Toxicology (2.0 cr)
PUBH 6162 - Biomarkers (2.0 cr)
PUBH 6173 - Exposure to Physical Agents (2.0 cr)
PUBH 6174 - Control of Workplace Exposure (3.0 cr)
PUBH 6181 - Surveillance of Foodborne Diseases and Food Safety Hazards (2.0 cr)
PUBH 6190 - Environmental Chemistry (3.0 cr)
PUBH 6192 - Measurement and Properties of Air Contaminants (2.0 cr)
PUBH 6193 - Advanced Topics in Human Exposure Science (2.0 cr)

## Doctoral

**Doctoral Coursework (12 credits)**

**Required Coursework (2 credits)**

Take the following course.
PUBH 6102 - Issues in Environmental Health (2.0 cr)

**Electives (10 credits)**

Doctoral students must select 10 credits from the following list, in consultation with the Environmental Health director of graduate studies.

PubH 6100 Topics must be GIS and Spatial Analysis (3 cr).
PUBH 6100 - Topics: Environmental Health (1.0 - 4.0 cr)
PUBH 6106 *{Inactive}*(2.0 cr)
PUBH 6112 - Environmental Health Risk Assessment: Application to Human Health Risks from Exposure to Chemicals (2.0 cr)
PUBH 6115 - Worker Protection Law (1.0 cr)
PUBH 6116 - Environmental Law (1.0 cr)
PUBH 6120 - Injury Prevention in the Workplace, Community, and Home (2.0 cr)
PUBH 6123 - Violence Prevention and Control: Theory, Research, and Application (2.0 cr)
PUBH 6154 - Climate Change and Global Health Modeling (3.0 cr)
PUBH 6161 - Regulatory Toxicology (2.0 cr)
PUBH 6162 - Biomarkers (2.0 cr)
PUBH 6173 - Exposure to Physical Agents (2.0 cr)
PUBH 6174 - Control of Workplace Exposure (3.0 cr)
PUBH 6181 - Surveillance of Foodborne Diseases and Food Safety Hazards (2.0 cr)
PUBH 6190 - Environmental Chemistry (3.0 cr)
PUBH 6192 - Measurement and Properties of Air Contaminants (2.0 cr)
PUBH 6193 - Advanced Topics in Human Exposure Science (2.0 cr)

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