

Occupational and Environmental Health Nursing (MPH) and the Public Health Practice Major

Occupational & Environmental Health Nurses work in business, industry, health care and public health to develop, manage, and evaluate health programs designed to promote health and prevent work-related injuries and disease.

CORE CERTIFICATE CURRICULUM

(16 CREDITS)

The core courses are offered online and on campus:

PUBH 6250 Foundations of Public Health (2 cr.)

PUBH 6020 Fundamentals of Social & Behavioral Science (2 cr.)

PUBH 6102 Issues in Environmental & Occupational Health (2 cr.)

PUBH 6320 Fundamentals of Epidemiology **OR**

PUBH 6341 Epidemiology Methods I (3 cr.)

PUBH 6414 Biostatistics Literacy and a 1 cr. biostatistics programming course (4 cr.) **OR PUBH**

6450 Biostatistics I (4 cr.)

PUBH 6741 Ethics in PubH: Professional Practice and Policy (1 cr.)

PUBH 6751 Principles of Mgmt in Hlth Services (2 cr.)

OEHN COURSES (10 CREDITS)

PubH 6170 Introduction to Occupational Health and Safety (3 cr.)

PubH 6130 Occupational Medicine: Principles and Practice (2 cr.)

PubH 6150 Interdisciplinary Evaluation of OHS Field Problems (3 cr.)

PubH 6151 Occupational and Environmental Health Nursing Seminar (2 cr.)¹

HealthPartner's Community Grand Rounds (CGR) in Occupational & Environmental Medicine (OEM).

¹The OEHN seminar is a 1-credit class focused on career development, preparation for certification from the American Board of Occupational Health Nursing, development of the Applied Practice Experience and the Integrated Learning Experience. OEHN MPH students take the seminar for two semesters.

²The CGR in OEM is a monthly in-person or online, non-credit learning activity; students participate 5 times per year.

APPLIED PRACTICE EXPERIENCE

(3-4 CREDITS)

This Applied Practice Experience is a hands-on opportunity to implement your public health and occupational health knowledge and skills in a real world setting with the goal of demonstrating attainment of at least 5 public health competencies by producing two products.

OEHN students have completed their applied practice experience with occupational health nurses at host organizations such as those listed below. Other locations can be identified in concert with the OEHN faculty and based upon student interest and the availability of a mentor.

- Minnesota Department of Health
- 3M Corporate Occupational Medicine and plant locations
- HealthPartners Occupational Medicine Division and Clinic Locations

INTEGRATED LEARNING EXPERIENCE

(1-4 CREDITS)

The integrated learning experience is a highly quality written paper that demonstrates a student's proficiency with the written word and is appropriate for your educational and professional objectives. The paper must address at least 3 public health competencies that can be applied to OEHN practice, policy or research. The list of competencies is available at:

<http://www.sph.umn.edu/sph-2018/wpcontent/uploads/2018/wpcontent/uploads/docs/php-and-mph-fdtcompetencies.pdf> ;

PROGRAM COORDINATOR

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ELECTIVE COURSES

As a student in the MPH Public Health Practice Program, Occupational and Environmental Health Nursing track, you can choose your graduate elective courses based on your career goals and areas of interest. You may complete a graduate minor; consult with your academic advisor. The total number of elective credits will be based on the credits taken for the applied practice experience and the Integrated Learning Experience.

Many MPH PHP students complete elective courses at the Public Health Institute (PHI), which is a 3-week session offered in the last week of May and first weeks of June. PHI offers on-campus courses on a variety of current topics in a concentrated format. PHI provides course content that emphasizes research to practice with opportunity for field trips, case studies, and simulations. It provides a perfect setting to network with other professionals and explore new areas of interest in public health. A sample list of course titles includes:

- Incident Management Systems: The Public Health Role
- Principles of Risk Communication
- Globalization & Health
- Applied Critical Thinking in the Workforce
- Qualitative Data Analysis

You may attend one to three weeks dependent upon your time and you can complete up to 1-7 credits at the PHI. <https://www.sph.umn.edu/academics/institutes/public-health-institute/>

Other elective courses are offered online and on campus during the fall and spring terms. OEHS will need 12 elective credits if they complete the minimum requirements of 30 course credits to attain the required total of 42 credits.

ADMISSIONS REQUIREMENTS

- Applicants must possess a Master of Nursing **OR** BSN in Nursing and be applying or admitted to a DNP program at any university **OR** completed a Public Health Certificate in Core Concepts with a minimum cumulative GPA of 3.25. The GRE is not required.
- Preferred applicants have at least one year of experience as a RN.
- Applications are submitted to SOPHAS – the centralized application service for all schools and programs of public health – and include:
 - Official transcripts, Statement of Purpose and Objectives, Resume or C.V. and 3 letters of recommendation

APPLICATION DEADLINES

Applications are reviewed on a rolling basis and students can join the program at three different points throughout the year:

- Fall term: August 1 application deadline
- Spring term: December 1 application deadline
- Summer term: April 1 application deadline

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