Twin Cities Campus

Maternal and Child Health M.P.H.

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, Fax: 612-624-4498)
Email: sph-oasr@umn.edu
Website: http://www.sph.umn.edu

- Program Type: Master's
- Requirements for this program are current for Fall 2016
- Length of program in credits: 42 to 48
- This program requires summer semesters for timely completion.
- Degree: Master of Public Health

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.

While the name of the program, Maternal and Child Health (MCH), may suggest that a focus only on mothers and children, the MPH in maternal and child health program is dedicated to improving the health of youth and families too. The program is especially interested in socially vulnerable populations and the environments, behaviors, and policies that affect their long-term health and well-being.

Students come from a variety of backgrounds, but share a common interest in social justice and public health principles. Graduates quickly assume leadership roles in nonprofit organizations, research settings, state and local public health agencies, and healthcare organizations.

The program has a standard, on-campus curriculum (with the option of an epidemiology emphasis) and an online curriculum.

Accreditation

This program is accredited by Council on Education for Public Health (CEPH).

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)
- completely online (all program coursework can be completed online)
- primarily online (at least 80% of the instruction for the program is online with short, intensive periods of face-to-face coursework)
- partially online (between 50% to 80% of instruction is online)

Prerequisites for Admission

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

Other requirements to be completed before admission:
Prefer at least one year's work or volunteer experience in a clinical, community-based, public health or managed-care agency/program that focuses on women, children, adolescents, and/or families.

Also prefer a basic understanding of physiological and/or psychological human development as demonstrated by coursework, experience, and/or referenced readings.

Applicants to the advanced standing (online) track must hold either an advanced degree (e.g., MS, MD, MA, MSW) or have 3-5 years of experience directly related to maternal and child health.

Applicants must submit their test score(s) from the following:

- GRE
  - General Test - Verbal Reasoning: 150
  - General Test - Quantitative Reasoning: 150
  - General Test - Analytical Writing: 3.5

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International applicants must submit score(s) from one of the following tests:
- TOEFL
  - Internet Based - Total Score: 100
  - Paper Based - Total Score: 600
- IELTS
  - Total Score: 7

Key to test abbreviations(GRE, TOEFL, IELTS).

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

Program Requirements

Plan C: Plan C requires 42 to 48 major credits and up to null credits outside the major.The final exam is written and oral. A capstone project is required.
Capstone Project: See department for more details.

This program may be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 3.00 is required for students to remain in good standing.

Please visit www.sph.umn.edu for the current curriculum options available.

Standard Program -- Scientific Basis Coursework
Select at least 8 credits from the following list, in consultation with the advisor.
Take 8 or more credit(s) from the following:
- PUBH 6686 *{Inactive}*(2.0 cr)
- PUBH 6605 - Sexual, Reproductive, and Perinatal Public Health (2.0 cr)
- PUBH 6606 - Children's Health: Life Course and Equity Perspectives (2.0 cr)
- PUBH 6607 - Adolescent Health: Issues, Programs, and Policies (2.0 cr)
- PUBH 6613 - Children and Youth With Special Health Care Needs (2.0 cr)
- PUBH 6675 - Women's Health (2.0 cr)
- PUBH 6902 *{Inactive}*(2.0 cr)
- PUBH 6903 *{Inactive}*(2.0 cr)
- PUBH 6906 - Global Nutrition (2.0 cr)
- PUBH 6123 - Violence Prevention and Control: Theory, Research, and Application (2.0 cr)
- PUBH 6954 - Personal, Social and Environmental Influences on the Weight-Related Health of Pediatric Populations (2.0 cr)
- PUBH 6955 - Using Policy to Promote Healthy Eating and Activity Among Young People (1.0 cr)
- PA 5451 *{Inactive}*(3.0 cr)

Standard Program -- Required Methodological and Analytical Skills Course
Take one of the following two courses, in consultation with the advisor.
PUBH 6034 - Evaluation I: Concepts (3.0 cr)
or PUBH 6852 - Program Evaluation in Health and Mental Health Settings (2.0 cr)

Standard Program -- Additional Methodological and Analytical Skills Coursework
Take at least 3 courses from the following list, in consultation with the advisor.
Take 4 - 11 credit(s) from the following:
- PUBH 6035 - Evaluation II: Planning & Evaluation (3.0 cr)
- PUBH 6325 - Data Processing with PC-SAS (1.0 cr)
- PUBH 6342 - Epidemiologic Methods II (3.0 cr)
- PUBH 6420 - Introduction to SAS Programming (1.0 cr)
- PUBH 6451 - Biostatistics II (4.0 cr)
- PUBH 7400 - Topics: Biostatistics (0.5 - 4.0 cr)
- PUBH 6617 *{Inactive}*(3.0 cr)
- PUBH 6636 - Qualitative Research Methods in Public Health Practice (2.0 cr)
- PUBH 6765 - Continuous Quality Improvement: Methods and Techniques (3.0 cr)
- PUBH 6806 - Principles of Public Health Research (2.0 cr)
- PUBH 6810 - Survey Research Methods (3.0 cr)
- PUBH 6845 - Using Demographic Data for Policy Analysis (3.0 cr)
- PUBH 6910 *{Inactive}*(1.0 cr)
- PUBH 6914 - Community Nutrition Intervention (3.0 cr)

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Standard Program -- Grant Writing Course
Take one of the following courses:
PUBH 6673 - Grant Writing for Public Health (1.0 cr)
or NURS 5925 *{Inactive}*(1.0 cr)

Standard Program -- Foundation Course
Take one of the following courses:
PUBH 6630 - Foundations of Maternal and Child Health Leadership (3.0 cr)
or PUBH 6655 *{Inactive}*(2.0 cr)

Standard Program -- Management Policy or Advocacy Skills Coursework
Take one course from the following list, in consultation with the advisor.
Take 1 or more course(s) from the following:
•PUBH 6045 - Skills for Policy Development (1.0 cr)
•PUBH 6066 - Building Communities, Increasing Health: Preparing for Community Health Work (2.0 cr)
•PUBH 6074 - Mass Communication and Public Health (3.0 cr)
•PUBH 6078 - Public Health Policy as a Prevention Strategy (2.0 cr)
•PUBH 6634 *{Inactive}*(2.0 cr)
•PUBH 6571 - Quality, Patient Safety, and Performance Improvement (2.0 cr)
•PUBH 6700 *{Inactive}*(3.0 cr)
•PUBH 6702 - Integrative Leadership Seminar (3.0 cr)
•PUBH 6727 - Health Leadership and Effecting Change (2.0 cr)
•PUBH 6755 - Planning and Budgeting for Public Health (2.0 cr)
•PUBH 6805 - Introduction to Project Management for Health Professionals (2.0 cr)
•PUBH 6807 *{Inactive}*(3.0 cr)
•PUBH 6835 *{Inactive}*(2.0 cr)

Standard Program -- Public Health Core Coursework
Environmental Health
Take one of the following courses:
PUBH 6101 *{Inactive}*(2.0 cr)
or PUBH 6102 - Issues in Environmental Health (2.0 cr)
Epidemiology
Take one of the following courses:
PUBH 6320 - Fundamentals of Epidemiology (3.0 cr)
or PUBH 6341 - Epidemiologic Methods I (3.0 cr)
Biostatistics
Take one of the following courses:
PUBH 6414 - Biostatistical Literacy (3.0 cr)
or PUBH 6450 - Biostatistics I (4.0 cr)
Ethics
Take one of the following courses:
PUBH 6741 - Ethics in Public Health: Professional Practice and Policy (1.0 cr)
or PUBH 6742 - Ethics in Public Health: Research and Policy (1.0 cr)
Management
Take exactly 1 course(s) from the following:
•PUBH 6751 - Principles of Management in Health Services Organizations (2.0 cr)

Standard Program -- Field and Culminating Experience
Take at least 2 credits of PUBH 7696, and 1-2 credits of PUBH 7694.
PUBH 7696 - Applied Practice Experience: Maternal and Child Health (1.0 - 5.0 cr)
PUBH 7694 - Integrative Learning Experience: Maternal and Child Health (1.0 - 4.7 cr)

Standard Program -- Electives
Take elective credits, in consultation with the advisor, to meet the 48-credit requirement.

Joint- or Dual-degree Coursework:J.D./M.P.H.-Maternal and Child HealthM.S.W./M.P.H.-Maternal and Child HealthStudent may take a total of 12 credits in common among the academic programs.

Program Sub-plans
A sub-plan is not required for this program.
Students may complete the program with more than one sub-plan.

Online

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Online Program -- Required Coursework

Scientific Basis Courses

Take 6 or more credit(s) from the following:

- PUBH 6686 *{Inactive}*(2.0 cr)
- PUBH 6606 - Children's Health: Life Course and Equity Perspectives (2.0 cr)
- PUBH 6613 - Children and Youth With Special Health Care Needs (2.0 cr)
- PUBH 6902 *{Inactive}*(2.0 cr)
- PUBH 6903 *{Inactive}*(2.0 cr)

Methodologial and Analytical Skills -- Required Course

PUBH 6852 - Program Evaluation in Health and Mental Health Settings (2.0 cr)

Additional Methods Courses

Take 3 credits in consultation with the advisor.

Take 3 or more credit(s) from the following:

- PUBH 6420 - Introduction to SAS Programming (1.0 cr)
- PUBH 6765 - Continuous Quality Improvement: Methods and Techniques (3.0 cr)
- PUBH 6400 - Topics: Biostatistics (0.5 - 4.0 cr)

Management and Communication Skills Courses

Take the following two courses:

NURS 5925 *{Inactive}*(1.0 cr)
PUBH 6655 *{Inactive}*(2.0 cr)

Additional Management and Communications Courses

Take 3 credits from the following list, in consultation with the advisor:

Take 3 or more credit(s) from the following:

- PUBH 6700 *{Inactive}*(3.0 cr)
- PUBH 6724 - The Health Care System and Public Health (3.0 cr)

Culminating and Field Experience Courses

Take 1 to 2 credits of PUBH 7694 and 2 credits of PUBH 7696.

PUBH 7696 - Applied Practice Experience: Maternal and Child Health (1.0 - 5.0 cr)
PUBH 7694 - Integrative Learning Experience: Maternal and Child Health (1.0 - 4.7 cr)

Electives

Take elective credits, in consultation with the advisor, to meet the 42-credit minimum. Elective credits can include courses offered during the School of Public Health's Summer Institute.

Public Health Core Courses

Take the following required courses:

PUBH 6020 - Fundamentals of Social and Behavioral Science (2.0 cr)
PUBH 6101 *{Inactive}*(2.0 cr)
PUBH 6102 - Issues in Environmental Health (2.0 cr)

Health Disparities Interdisciplinary Concentration Area

The Health Disparities Interdisciplinary Concentration (HDIC) addresses the unequal burden of health risks, morbidity and mortality experienced by minority cultural and social groups in the US, as well as unequal quality of and access to healthcare. Achieving optimum health for all segments of our society is a central goal of Healthy People 2020, and a concern in Minnesota as well. Despite Minnesota's ranking as one of the nation's healthiest states, Minnesota has some of the largest gaps among cultural and social groups in health indicators. According to the Minnesota Department of Health:

Infant mortality rates among the American Indians and African Americans are two to three times higher than for the state as a whole.
Among African American youth aged 15-24, firearm injury mortality rates are 15 times greater than the rates of all ages, races, and genders combined.
Women from minority communities are less likely to receive sufficient prenatal care compared to other women.
Death rates for African Americans and American Indians are two to three times that of the state as a whole. Rates of diabetes, hypertension, cancer and HIV/AIDS are higher for many minority communities compared to the state as a whole.

SPH graduate students must complete a formal program plan if they want the HDIC to appear on their transcripts. For more information, contact Carol Francis, Interdisciplinary Concentrations Coordinator, at franc004@umn.edu or 612-624-6952.

Public Health Policy Interdisciplinary Concentration Area

PHPIC coursework provides a better understanding of the health care system as a whole and prevention policy. The challenging curriculum helps MPH majors hone practical skills that are highly sought after in the public health and policy arenas. Students who pursue the concentration can choose courses that emphasize:

Understanding community dynamics
Developing advocacy skills for public health
Analyzing legal and policy structures
Evaluating and implementing policies and programs
Influencing community health
Motivating and educating stakeholders and decision-makers

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Using policy as prevention strategy
Eliminating health disparities through policy

SPH graduate students must complete a formal program plan if they want the PHPIC to appear on their transcripts. For more information, contact Carol Francis, Interdisciplinary Concentrations Coordinator, at franc004@umn.edu or 612-624-6952.

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