Public Health Medicine —M.P.H.

The Public Health Medicine (PHM) program is part of the Public Health Practice major. It prepares medical students to have a deeper understanding of population-based science and the cultural and environmental factors that affect patients. Completed while on 12-month sabbatical (June through May), candidates may enter the program after the first year of medical school but no later than after the fourth year. Students who have moved on to residency programs should consider the Executive Program in Public Health Practice.

Basic Curriculum (25-29 credits)

- PUBH 6020 Fundamentals of Social and Behavioral Science (3)
- PUBH 6102 Issues in Environmental and Occupational Health (2)
- PUBH 6210 Seminar: Public Health Medicine (1)
- PUBH 6299 Public Health as a Team Sport: the Power of Collaboration (1)
- PUBH 6320 Fundamentals of Epidemiology (3)
- PUBH 6414 Biostatistical Literacy (3)
- PUBH 6741 Ethics in Public Health: Professional Practice & Policy (1)
- PUBH 6751 Principles of Management in Health Services Organizations (2)

Students must register for the following while enrolled in School of Public Health. They may choose to complete these during their time at the SPH or after returning to medical school. A public health medicine setting is required for field placement but may be double counted for clinical rotation with advisor approval.

- PUBH 7294 Master’s Project (3)***
- PUBH 7296 Field Experience (3-4)

***Students who take the non-credit bearing CPH exam to satisfy this requirement will substitute additional elective credits.

Students must take two courses from the following:

- PUBH 6724 The Health Care System and Public Health (3) OR PUBH 6852 Program Evaluation in Health and Mental Health Settings (2) OR PUBH 6862 Cost-Effectiveness Analysis in Health Care (3)

Elective Curriculum (13-17 credits)

The elective curriculum is arranged around a theme of interest. It gives the student the opportunity to investigate specific public health applications.

Themes of Interest are:

* Maternal & Child Health
* International Health
* Occupational & Environmental Health
* Infectious Disease
* Clinical Preventive Practice
* Nutrition

* Students may choose to design a theme in consultation with the program adviser/director.
**Elective Options**
Students are required to choose one course each from four different types of public health functions within the theme of interest:

* Public policy evaluation and implementation
* Primary prevention interventions
* Epidemiologic analysis of specific health problems
* Management of health care organizations.

**Sample Elective Courses**

**Public Health Policy sample courses:**
* PubH 6055 Social Inequalities in Health (2)
* PubH 6078 Public Health Policy As A Prevention Strategy (3)
* PubH 6105 Environmental and Occupational Health Policy (3)

**Public Health Intervention sample courses:**
* PubH 6010 Public Health Interventions for AIDS (3)
* PubH 6103 Exposure to Environmental Hazards (2)
* PubH 6914 Community Nutrition Intervention (3)

**Epidemiology of a Health Problem sample courses:**
* PubH 6140 Occupational and Environmental Epidemiology (2)
* PubH 6387 Cancer Epidemiology (3)
* PubH 6389 Nutritional Epidemiology (3)

**Public Health Management sample courses:**
* PubH 6066 Building Communities, Increasing Health (3)
* PubH 6724 The Health Care System and Public Health (2)
* PubH 6558 Health Care Finance (3)

**Key learning objectives of the elective curriculum include:**
* Develop a public health analysis of a common health problem
* Understand the application of public health tools to a specific health problem.
* Apply public health skills in a clinical practice setting