MPH Curriculum Overview and Degree Requirements

The curriculum leading to the Master of Public Health degree requires a minimum of 45 graduate credit hours. The plan of study includes 15 credit hours of core courses, an applied learning experience (internship; 3 credit hours), a concentration (15 credit hours) and its associated integrative learning experience or ILE (3 credit hours), and elective courses (9 credit hours).

While the program can be completed within two academic years (4 semesters plus summer), 5 semesters is the expected time to completion for full-time students. Part-time MPH students (less than 9 credits/semester) are expected to complete the program within 5 years (10 semesters). The maximum amount of time to complete the degree is 7 years.

Descriptions of individual courses and when they are offered can be viewed in the Graduate Catalog.

Core Requirements (15 credit hours)
- HADM 6100 Introduction to U.S. Healthcare System (3)
- HLTH 6200 Case Studies in Public Health (3)
- HLTH 6211 Evidence-based Methods in Public Health (3)
- HLTH 6212 Health Promotion Program Management (3)
- HLTH 6213 Policy and Leadership (3)

Applied Learning Experience (3 credit hours)
- HLTH 6471 Public Health Internship (3)

Electives (9 credits) – 2 courses from this list and 1 course from outside the Department
- HLTH 6000 Special Topics (3)
- HLTH 6090 Intl Comparative Health Systems (3)
- HLTH 6101 Intl Health (3)
- HLTH 6102 Environmental Health (3)
- HLTH 6103 Maternal and Child Health Systems (3)
- HLTH 6104 Population Perspectives on Nutrition and Physical Activity (3)
- HLTH 6105 Gender & Sexual Health (3)
- HLTH 6225 Health Education & Health Promotion (3)
- HLTH 6226 Community Health Methods (3)
- HLTH 6228 Social Determinants of Health (3)
- HLTH 6274 Chronic Disease Epidemiology (3)
- HLTH 6276 Environmental and Occupational Epidemiology (3)
- HCIP 6380 Intro to Health Informatics (3)
Concentration (18 credit hours) – By the end of their first semester, students will declare one of the following concentrations to pursue. You are not required to pursue the concentration that you indicated on your application to the program. Students must meet any eligibility requirements as outlined in the concentration.

Community Health Practice (CHPR; 18 credit hours) – Open to all MPH students
The Community Health Practice concentration is designed to train students to conduct the 3 core functions of public health: assessment, policy development, and evaluation. These activities include measuring health behavior, designing appropriate educational or policy interventions, and implementing and evaluating health promotion, risk prevention and risk reduction services. The concentration experience culminates in a capstone course where students develop community-based grant proposals. Students completing the Community Health Practice concentration will be eligible to sit for and pass the Certified Health Education Specialist (CHES) exam.

Community Health Practice Courses (18 hrs)
- HLTH 6220 Applied Health Behavior Change (3)
- HLTH 6225 Health Education and Health Promotion (3)
- HLTH 6226 Community Health Methods (3)
- HLTH 6227 Community Health Planning and Evaluation (3)
- HLTH 6228 Social Determinants of Health (3)
- HLTH 6230 Community Health Practice Capstone (3)

Epidemiology (EPID; 18 credit hours)
The MPH concentration in Epidemiology provides students a broad understanding of epidemiological principles and its application to public health practice. Through coursework, and the integrated learning experience, students will develop quantitative and methodological skills necessary to design, conduct, analyze, and disseminate epidemiological studies. The concentration experience culminates in a capstone course where students learn to conduct epidemiology field investigations.

Eligibility – We recommend that students interested in the Epidemiology concentration complete HLTH 6211 in their first semester of matriculation with a grade of B or better and maintain an overall GPA of 3.0 at the end of the first semester.

Epidemiology Courses (15 hrs)
- HLTH 6270 Epidemiologic Methods (3)
- HLTH 6271 Public Health Data Analysis (3)
- HLTH 6260 Analytic Epidemiology (3)
- HCIP 6102 Health Care Data Analysis (3)
- HLTH 6280 Epidemiology Capstone (3)

Plus one of the following (3 hrs):
- HLTH 6273 Infectious Disease Epi (3)
- HLTH 6274 Chronic Disease Epi (3)
- HLTH 6275 Reproductive Epi (3)
- HLTH 6276 Envi and Occupational Epi (3)

Students in EPID are recommended to take HLTH 6226 Community Health Methods in Spring of their first year as a cross-cutting elective.
Population Health Analytics (PHAN; 18 credit hours)*
The Population Health Analytics concentration provides students a thorough grounding in data science, system architecture, and analytics that prepares them to advance population and community health through the practice of health informatics. Emphasis is placed on understanding existing health systems data and the use of analytic techniques applied to large data sets such as visualization and geographic mapping. The concentration experience culminates in a capstone course where students work in consulting teams with health care clients.

Eligibility - By the end of the first semester, students must complete -or be excused from based upon prior training and/or experience- non-credit asynchronous training modules in computer vocabularies, programming systems, health vocabularies, and classification systems.

**Population Health Analytics Required Concentration Courses (18 hrs)**
- HCIP 5376 Introduction to Programming for Health Informatics (3)
- HCIP 6102 Health Care Data Analysis (3)
- HCIP 6108 Intermediate Decision Analysis in Healthcare (3)
- HCIP 6160 Database Systems (3)
- HCIP 6250 Capstone: Problem Solving in Healthcare Analytics (3)
- HCIP 6380 Introduction to Health Informatics (3)

*Students in the dual HIA/MPH are prohibited from selecting PHA as their MPH concentration

**Coming Fall 2020**

Physical Activity and Nutrition (PANU; 18 credit hours)
The Physical Activity and Nutrition concentration is designed to train students to develop, deliver and assess population-based, health promotion interventions related to improving physical activity and nutrition. These activities include selecting appropriate behavior assessment tools, designing appropriate educational interventions, and assessing behavioral levels to determine risk. Eligibility – The Physical Activity and Nutrition concentration is open to all MPH students.

**Physical Activity and Nutrition Concentration Courses:**
- HLTH 6104 Population Perspectives on Nutrition and Physical Activity (3)
- HLTH 6220 Applied Health Behavior Change (3)
- HLTH 6230 Community Health Capstone (3)
- HLTH 6277 Nutrition Assessment and Epidemiology (3)
- KNES 5232 Physiology of Human Aging (3)
- KNES 6110 Assessment of Physical Activity Across the Lifespan (3)
- Recommended HLTH elective - HLTH 6225 Health Education and Health Promotion (3)