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 students are expected to complete the program within 5 years (10 semesters).

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)

Concentration (18 credit hours) – See Below

Electives (9 credits)
Cross-Cutting Elective (3 credit hours). Select one of the following:
- HLTH 6090 International Comparative Health Systems (3)
- HLTH 6101 International 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 and Sexual Health (3)

Restricted Elective (3 credit hours)
Select a second course from the cross-cutting electives (above) OR one of the following:
- HLTH 6000 Special Topics (3)
- HLTH 6225 Health Education and Health Promotion (3)
- HLTH 6228 Social Determinants of Health (3)
- HLTH 6274 Chronic Disease Epidemiology (3)
- HLTH 6276 Environmental and Occupational Epidemiology (3)
- HCIP 6380 Introduction to Health Informatics (3)

Interprofessional Elective (IPE; 3 credit hours) – Complete one master’s level (5000-6000) course from any discipline outside the Department of Public Health Sciences (i.e. Social Work, Gerontology, Psychology, etc…). IPEs cannot include any courses with the HLTH, HADM or HCIP prefix or courses cross-listed with those prefixes.

Concentrations – By the end of their first semester, students will declare one of the following concentrations to pursue.

Community Health Practice (CHPR; 18 credit hours) 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.
Students completing the Community Health Practice concentration will be eligible to sit for and pass the Certified Health Education Specialist (CHES) exam. **Eligibility** – The Community Health Practice concentration is open to all MPH students.

**Community Health Practice Concentration Courses:**
- 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 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, integrated learning experience, and internship, students will develop quantitative and methodological skills necessary to design, conduct, analyze, and disseminate epidemiological studies. **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 Concentration Courses (15 hours)**
- 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 Course (3)

**Plus one of the following (3 credit hours):**
- HLTH 6273 Infectious Disease Epidemiology (3)
- HLTH 6274 Chronic Disease Epidemiology (3)
- HLTH 6275 Reproductive Epidemiology (3)
- HLTH 6276 Environmental and Occupational Epidemiology (3)

**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. **Eligibility** - By the end of the first semester of matriculation in the program, 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 credits)**
- 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)

*MPH Students in this concentration cannot apply these credits to both the MPH and the Health Informatics and Analytic Graduate Certificate. Students in the dual HIA/MPH are prohibited from selecting PHA as their MPH concentration*