SOPH 601 Thinking in Populations: The Public Health Mindset
Credits 2. 2 Lecture Hours.
Intensive case-focused immersion in the distinctive features of public health practice; mindset and foundations for defining population health status, addressing complex population health issues and leading protection and improvement of health at the population level; the first of four courses that comprise the MPH core required for all MPH students.
Prerequisites: SOPH 602 and SOPH 603, or concurrent enrollment.

SOPH 602 Investigation and Control: Acute Public Health Events
Credits 3. 3 Lecture Hours.
Case-focused, applied study in investigating and responding to acute outbreaks, exposures, disasters or other events that threaten the health of the public; identification and diagnosis of acute public health events, definition of contributing factors, collection and analysis of data, assessment of causality and mapping of logic for mediation, control and prevention; the second of four courses that comprise the MPH core required for all MPH students.
Prerequisites: SOPH 601 and SOPH 603, or concurrent enrollment.

SOPH 603 Assessment and Intervention: Wicked Problems in Public Health
Credits 3. 3 Lecture Hours.
Case-focused, applied study in assessing and intervening in wicked population health problems (multi-faceted, multi-sectoral, large scale public health challenges characterized by scientific uncertainty); unpacking the multiple causes and determinants of a complex problem in affected populations; identification, selection and justification of potential interventions and/or policies; description of methods and measures for assurance and evaluation; the third of four courses that comprise the MPH core required for all MPH students.
Prerequisites: SOPH 601 and SOPH 602, or concurrent enrollment.

SOPH 604 Framing and Persuasion: Public Health in the Public Sphere
Credit 1. 1 Lecture Hour.
Intensive, case-focused application of foundational public health knowledge and core competencies to a current population health problem; synthesis of evidence from a variety of sources; development and communication of public health content to inform and influence policy formation; demonstration of leadership for effective public health practice; the fourth of four courses that comprise the MPH core required for all MPH students.
Prerequisites: SOPH 601, SOPH 602, or concurrent enrollment.

SOPH 670 Global Public Health Systems and Practice Experiences
Credits 3. 3 Other Hours.
Study abroad experiences led by School of Public Health faculty in select countries; lectures prior to departing and lectures and classes in country; engage in public health practice and research activities in country; visit public health agencies and programs in country. May be repeated for credit.
Prerequisites: Graduate classification; approval of instructor.

SOPH 671 Applied Research in Global Health
Credits 2. 2 Lecture Hours.
Development of a research question based on an approved dataset that contains international data; creation of research questions; conduction of data analysis; development of a publishable quality manuscript addressing a global health issue. May be repeated four times for credit.
Prerequisite: Doctoral classification or approval of instructor.