

SOPH - SCHOOL OF PUBLIC HEALTH

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, and SOPH 603.

SOPH 670 Global Public Health Systems and Practice Experiences

Credits 1 to 3. 1 to 3 Lecture 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 or 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.

SOPH 676 Professional Development Seminar in Public Health Teaching

Credit 1. 1 Lecture Hour. Course development, delivery, assessment skills within public health context. **Prerequisite:** Graduate classification.

SOPH 680 Public Health Capstone

Credits 3. 3 Lecture Hours. Integration of knowledge and skills gained through other courses and experiences at SPH allowing an understanding of both the overall public health problem-solving approach and the contributions of each discipline to that approach; working in groups to analyze public health problems and develop interventions. Must be taken on a satisfactory/unsatisfactory basis. **Prerequisites:** Four of the five SPH core courses (PHEB 600, PHEB 602, PHEO 600, PHPM 605, HPCH 603) are prerequisites for this class, and the fifth core course may be taken concurrently; approval of instructor.

SOPH 689 Special Topics In...

Credits 1 to 4. 1 to 4 Other Hours. Selected topics in an identified area of public health. May be repeated for credit. **Prerequisite:** Approval of instructor.

SOPH 694 Advanced Public Health Practice and Capacity Building

Credits 3. 3 Lecture Hours. Study of problems in public health; and the formulation and promotion of solutions to those problems; executive leadership for framing of problems, evaluation of options, negotiation of solutions, and management of changes aimed at addressing public health issues. **Prerequisite:** Doctoral classification.

SOPH 697 Doctoral Seminar I

Credit 1. 1 Lecture Hour. First of a series of two for first year doctoral students in public health; exposure to public health equities issues; preparation for advanced research and evaluation methods. **Prerequisite:** Doctoral classification.

SOPH 698 Doctoral Seminar II

Credit 1. 1 Lecture Hour. Second of a series of two for first year doctoral students in public health; exposure to public health equities; preparation for advanced research and evaluation methods. **Prerequisite:** SOPH 697; doctoral classification.