

SOPH - SCHOOL OF PUBLIC HEALTH

SOPH 601 Health Behavior

Credits 3. 3 Lecture Hours. Principles of health behavior; examination of theories and basic processes; focus on individuals as dynamic, behavioral, complex systems, functioning through continual interactions; emphasis on behavioral-social science frameworks and methodologies for designing, implementing, and evaluating interventions, and in disseminating and translating findings for diverse communities to improve health and prevent disease; focus on how these principles are applicable for interests and careers in the field of Public Health.

Prerequisites: Enrollment in the Master of Public Health Program.

SOPH 602 Health Policy and Management

Credits 3. 3 Lecture Hours. Principles of health policy and management; leadership, policy and program, dimensions of the policymaking process, public health ethics, public health surveillance, public health and federalism, budget basics, and other topics related to health policy and management. **Prerequisites:** Enrollment in Master of Public Health program; graduate student classification.

SOPH 603 Epidemiology

Credits 3. 3 Lecture Hours. Introduction to methods used in epidemiology; applications of epidemiology to public health with a focus on study design, data collection methods, and epidemiologic concepts; introductory data management and statistics for the critical readings of public health literature and policies. **Prerequisites:** Graduate classification; enrollment in the Master of Public Health program.

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.