HEALTH PROMOTION, SOCIAL & BEHAVIORAL HEALTH (HPRO)

HPRO 802 CULTURAL COMPETENCE AND PROFESSIONALISM 3 Credit Hours
This is a graduate-level course designed to assist public health professionals and health care providers in understanding the impact and professional implications of interactions between diverse cultures, including language and belief systems in relation to health, health care delivery, health outcomes, and health disparities.
Prerequisite: graduate standing in COPH or permission of the instructor.
Cross List: CPH 530.
Typically Offered: FALL/SPR

HPRO 803 RESEARCH METHODS IN HPER 3 Credit Hours
The course deals with scientific writing, research techniques, statistics, computer application, and quantitative research design and technique. Considerable emphasis is placed on evaluation of research in scholarly publications. A research proposal is written as one of the course requirements.
Prerequisite: Not open to nondegree students.
Cross List: CPH 531.

HPRO 805 APPLIED RESEARCH IN PUBLIC HEALTH 3 Credit Hours
The purpose of this course is to provide an introduction to research methods in public health. Students will learn about the steps of scientific research. The course will cover topics including formulation of a research problem; sampling and research design; dissemination of research findings; and grant proposals. These topics will be discussed in detail in the context of critically reviewing several peer-reviewed scientific articles. Research ethics is large component of the course. Students will complete CITI Trainings as well as learn about institutional Review Board (IRB) processes and applications.
Cross List: CPH 505.
Typically Offered: FALL/SPR

HPRO 807 INTRODUCTION TO COMMUNITY-BASED PARTICIPATORY RESEARCH 3 Credit Hours
This course is designed to prepare the student to utilize Community-Based Participatory Research (CBPR) principles in research, evaluation, and practice. A philosophical and practical approach will guide the examination of CBPR and its use. The course assumes students will come already grounded in multiple research methods, both qualitative and quantitative.
Prerequisite: HPRO 805/HED 8050 (or equivalent course) or permission of the instructor, permission will require a demonstrable knowledge of research methods.
Cross List: CPH 540.

HPRO 808 PUBLIC HEALTH LAW 3 Credit Hours
Conceptual foundations of public health law, including constitutional considerations, federal and state statutes and regulations, tort (civil) law, balancing competing interests (e.g. civil liberties v. monitoring, reporting, persuading, regulating at various levels), current issues emerging trends.
Cross List: CPH 555.
Typically Offered: SUMMER

HPRO 809 INTRODUCTION TO HEALTH DISPARITIES AND HEALTH EQUITY 3 Credit Hours
The course provides a critical understanding of health disparities in the U.S. and examines the underlying social, cultural, biological, behavioral, economic, and political factors that contribute to such disparities in society.
Prerequisite: Permission of instructor.
Cross List: CPH 545.
Typically Offered: FALL

HPRO 814 PLANNING AND EVALUATION 3 Credit Hours
This course is designed to prepare the graduate student, professional student, or fellow to apply multi-leveled evidence-based policy and program approaches to improve public health. The course will guide students through planning and evaluating the impact of public health strategies based on the reach, effectiveness, scalability, implementation quality, and sustainability of these approaches in complicated and complex systems.
Cross List: CPH 514.
Typically Offered: FALL/SPR

HPRO 815 ISSUES PUBLIC HEALTH: PAST & PRESENT 3 Credit Hours
The purpose of this course is to acquaint students with key historical incidents, important historical and philosophical themes, and key philosophical controversies in public health.
Cross List: CPH 532.

HPRO 817 COMMUNITY ORIENTED PRIMARY CARE (COPC) PRINCIPLES AND PRACTICE 3 Credit Hours
Principals and methods needed to plan the application of community orientation of health services by integrating clinical care and public health through the COPC approach.
Cross List: CPH 551.
Typically Offered: FALL

HPRO 818 OPPORTUNITY AND CHALLENGES IN THE APPLICABILITY OF COMMUNITY ORIENTATED PRIMARY CARE (COPC) 3 Credit Hours
The course is designed to prepare public health students on the critical analysis of the organization (levels of care, public/private partnership, insurance, coverage, access) and functions (curative/preventive, general practice, family medicine, specialties) of primary care services to be able to identify the opportunities and the challenges in the applicability of Community Oriented Primary Care (COPC).
Prerequisite: HPRO 817 and permission of instructor.
Cross List: CPH 552.
Typically Offered: SPRING

HPRO 825 HEALTH CARE ETHICS 3 Credit Hours
This course uses selected topics to outline the history, theory, and methods of health care ethics. It is intended as a core course for graduate students in ethics and related fields—for bioethics teachers, administrators, policy makers, clinicians, and public health professionals.
Cross List: CPH 533.

HPRO 827 INTERVENTIONS IN HEALTH PROMOTION 3 Credit Hours
This course will provide health promotion students with an opportunity to investigate, contrast, develop, implement, and evaluate a variety of intervention activities, to be applied in different settings. Theories regarding methods to enhance behavior change and teaching strategies to meet the health needs of a diverse population will be explored.
Cross List: CPH 534.
Typically Offered: FALL
HPRO 830 FOUNDATIONS OF PUBLIC HEALTH 3 Credit Hours
This is an introductory survey course, which will ensure that all public health students, within their first full year of study, are exposed to the fundamental concepts and theories that provide the basis for the body of knowledge in the field of public health. This course will prepare students to work in public health with a sound theoretical, conceptual, and historical basis for their work.
Cross List: CPH 500.
Typically Offered: FALL/SP/SU

HPRO 831 PHYSICAL ACTIVITY EPIDEMIOLOGY 3 Credit Hours
This course is designed to prepare the graduate student to understand and apply physical activity epidemiologic methods to biomedical and public health investigations. The major topics to be covered include core concepts in physical activity epidemiologic methods; research design; data reporting and interpretation; the role of physical activity on health outcomes; and promoting physical activity and healthy lifestyles through intervention research. Concepts will be explored using the biomedical and public health literature, class exercises, exams, and projects. The course is intended for graduate students and health professionals who will be involved in biomedical research or public health studies that integrate physical activity as an outcome, exposure, or confounding variable into their research design.
Prerequisite: Instructor permission and BIOS 806/CPH 506 or BIOS 816/CPH 516 and EPI 820/CPH 504 within the past 5 years resulting in a grade of B- or better.
Cross List: CPH 535.

HPRO 840 HEALTH PROMOTION PROGRAM PLANNING 3 Credit Hours
An in-depth application of the health promotion program planning process utilizing a comprehensive model called PRECEDE-PROCEED. Students submit six papers applying each phase of this model: social diagnosis, epidemiological diagnosis, behavioral/ environmental diagnosis, educational/organizational diagnosis, administrative/policy diagnosis, and evaluation at the process, impact and outcome levels.
Prerequisite: HPRO 860, EPI 820 or HPRO 805.
Cross List: CPH 536.
Typically Offered: SPRING

HPRO 841 INTRODUCTION TO SOCIAL MARKETING AND HEALTH COMMUNICATION 3 Credit Hours
This course provides an introduction to the basic concepts of social marketing and health communication principles including the application to health behaviors and public health issues.
Cross List: CPH 541.
Typically Offered: SUM/FALL

HPRO 842 APPLIED SOCIAL MARKETING 3 Credit Hours
This course will explore the application of social marketing at the population, community, business, and government levels. Students will examine the concepts of social marketing from perspectives of collaboration and co-creation, value and service driven design, and an ethical framework of dignity and honor.
Prerequisite: HPRO 841/CPH 541.
Cross List: CPH 542.
Typically Offered: FALL/SPR

HPRO 843 HEALTH LITERACY AND COMMUNICATION FOR HEALTH PROFESSIONALS 3 Credit Hours
This course is an in-depth study of health literacy and communication. Students will build competencies in health communication (from theory and practice) to promote individual and community health and well-being.
Cross List: CPH 543.
Typically Offered: SPRING

HPRO 844 NUTRITION ACROSS THE LIFESPAN 3 Credit Hours
This course is designed to prepare graduate students to apply basic concepts in nutrition and metabolism to healthy lifestyle during each stage of the life cycle. The following topics will be covered: nutrition and health promotion; undernutrition and overnutrition; dietary guidelines; healthy diet for individuals and populations; public food and nutrition programs, and nutrition assessment, within the framework of the life course perspective.
Cross List: CPH 544.
Typically Offered: SPRING

HPRO 860 HEALTH BEHAVIOR 3 Credit Hours
The purpose of this course is to study the theoretical foundations of health behavior. Candidates will develop an understanding of the determinants of health behavior, the models, and theories that provide a framework for predicting health behavior, and the strategies employed to bring about behavioral changes for health and disease prevention in individuals and groups.
Cross List: CPH 501.
Typically Offered: FALL/SP/SU

HPRO 875 PUBLIC HEALTH PROGRAM EVALUATION 3 Credit Hours
This course is designed to provide an overview of methods for evaluating public health programs. Students will learn methods for choosing appropriate evaluation designs and procedures for data collection, choosing and developing survey items, and interpreting and describing evaluation results.
Cross List: CPH 538.
Typically Offered: FALL

HPRO 880 INTRODUCTION TO MATERNAL AND CHILD HEALTH 3 Credit Hours
This course will introduce the life course approach in Maternal and Child Health (MCH), and address specific MCH topics (i.e. immunizations, nutrition, pre-term births) from the local, regional, and global perspectives, and organization and policy issues in MCH care in the U.S.
Prerequisite: EPI 820/CPH 504, HPRO 860/CPH 501.
Cross List: CPH 546.
Typically Offered: FALL

HPRO 881 MATERNAL AND CHILD HEALTH THEORIES AND INTERVENTIONS 3 Credit Hours
This course is designed to prepare the graduate student, professional student, or fellow to design intervention strategies to improve the status of children, women, and families. Effective maternal and child health interventions at all levels of Frieden's health impact pyramid will be examined. Emphasis will be placed on (a) the theoretical underpinnings of the interventions and (b) case studies of communities that have successfully implemented the interventions. The course is intended for graduate students and health professionals interested in research and practice with children, women, and families.
Prerequisite: HPRO 880.
Cross List: CPH 547.
Typically Offered: FALL
HPRO 882 LIFE COURSE HEALTH 3 Credit Hours
This course is designed to prepare the graduate student, professional student, or fellow to apply life course theory to research and practice relevant to health at all life stages. The major topics to be covered include the physical, social, and emotional health of children, adolescents, and adults. Special emphasis will be placed on early determinants of health and disease. The course is intended for graduate students and health professionals interested in research and practice with children, women and families.
Cross List: CPH 548.
Typically Offered: SPRING

HPRO 895 PUBLIC HEALTH: LEADERSHIP AND ADVOCACY 3 Credit Hours
This course incorporates public health leadership theory and practices that are grounded in biomedical and social science and sanctioned by public law. Also included is the politics of communities and organizations. Advocacy is emphasized as a key tool to secure funding and to help assure that local, state, and federal policy-makers will adopt, implement, and maintain important public health regulations, policies and programs.
Cross List: CPH 539
Typically Offered: SPRING

HPRO 896 RESEARCH OTHER THAN THESIS HEALTH PROMOTION, SOCIAL AND BEHAVIORAL HEALTH 1-4 Credit Hours
This course is for more advanced students who wish to pursue their research interests in selected areas of Medical Humanities.
Cross List: CPH 557.
Typically Offered: FALL/SP/SU

HPRO 897 SERVICE LEARNING FOR MPH STUDENTS 3 Credit Hours
SERVICE LEARNING FOR MPH STUDENTS

HPRO 898 SPECIAL TOPICS IN HEALTH PROMOTION 1-4 Credit Hours
A course designed for Masters students that focuses on selected topics or problems in Health Promotion, Social and Behavioral Health.
Cross List: CPH 559.
Typically Offered: FALL/SP/SU

HPRO 901 ADVANCED THEORIES IN HEALTH PROMOTION & DISEASE PREVENTION 3 Credit Hours
This doctoral level seminar is designed to prepare the graduate or professional student for a research career in public health and/or related disciplines. The class will provide students with the opportunity to engage in an in-depth analysis of the role of the paradigms, conceptual frameworks, and theories that influence and have utility for health-related research.
Prerequisite: CPH 501 Health Behavior or equivalent
Typically Offered: FALL

HPRO 902 COMPLEX SYSTEMS THINKING 3 Credit Hours
This course covers the major topics of systems thinking, including key terminology, general systems theory, systems analysis, systems mapping and dynamics, structural thinking, systems design, modeling, and applications of simulation models for policy decision-making.
Prerequisite: Permission of instructor.
Typically Offered: FALL

HPRO 903 MIXED METHODS RESEARCH 3 Credit Hours
The intent of this course is to provide an overview of mixed methods research to graduate students who are already familiar with quantitative and qualitative research. This introduction consists of defining mixed methods research, describing the history and foundations of this emerging form of research, and discussing strategies for locating and reading mixed methods studies in the literature. We will specify the types of mixed methods designs available and discuss the process of research as it relates to each of these designs. This process includes writing an introduction, developing a purpose statement and research questions, selecting a design, and collecting, analyzing and interpreting data within the designs as well as reporting and evaluating the study. This course will also discuss important issues and future directions that relate to mixed methods research. The course will have an applied focus where many students design a proposal for a mixed methods study (such as for their dissertation) as their final project. Pre-reqs: Introductory Biostatistics I; or a graduate level Quantitative Research Course; or Instructor Permission. Cross-listed CPH 715
Typically Offered: SUMMER

HPRO 905 BEHAVIORAL ECONOMICS AND PUBLIC HEALTH 3 Credit Hours
This course will cover how human behavior systematically departs from the standard assumptions of economics and how those departures can help shed light on individual decisions about their health (consumption and investment). The course will focus on the empirical applications of behavioral economics in understanding human health and decision making.
Prerequisite: HPRO 805 or equivalent, or permission of instructor.
Typically Offered: SPRING

HPRO 910 HUMANISTIC TRADITIONS OF QUALITATIVE RESEARCH 3 Credit Hours
The course provides a framework for a diverse group of qualitative research methods that emphasize approaches to inquiry drawn from the humanities, arts, and social sciences. The course focuses on the philosophical grounding of such inquiry, study designs, methodological implementation, analysis of findings, and construction of concluding arguments.
Prerequisite: HPRO 805 or equivalent.
Typically Offered: SPRING

HPRO 915 APPLICATIONS OF THE CBPR APPROACH 3 Credit Hours
This course is designed to prepare students to utilize Community-Based Participatory Research (CBPR) principles in research, evaluation, and practice. A philosophical and practical approach will guide the examination and use of CBPR. Core areas of discussion will include the theoretical and historical grounding of CBPR, ethical issues in the use of CBPR and developing cultural humility in working with community partners, developing sustainable CBPR relationships among all partners, and promoting social justice and policy change through CBPR. Pre-reqs: BIO 806, HPRO 901, HPRO 910
Typically Offered: FALL

HPRO 916 IMPLEMENTATION SCIENCE MODELS AND METHODS 3 Credit Hours
This course will provide doctoral students an opportunity to engage in a team-based learning environment and collaboratively apply epistemological and methodological advances in implementation science to facilitate, and speed, the translation of evidence into sustained public health practice. Pre-reqs: HPRO 901; HPRO 910; BIOS 806
Typically Offered: SPRING
HPRO 917 ADVANCED RESEARCH METHODS IN HEALTH PROMOTION
DISEASE PREVENTION STUDY DESIGN 3 Credit Hours
This course will provide doctoral students an opportunity to design rigorous quantitative/qualitative research that is based on previous scientific findings and mechanistic or theoretical models using methodologically sound principles and analytic techniques. Major topics to be covered include methods and processes necessary to advance research in the area of health promotion and disease prevention. Students will identify a potential research idea and go through the process of synthesizing available literature, generating a testable hypothesis, applying explanatory theories related to the hypothesis, designing a pilot project, and developing an analytic plan. Projects can be qualitative, quantitative, or mixed methods. Systematic reviews and meta-analysis are also acceptable projects. The course is intended for doctoral students in the Department of Health Promotion in the College of Public Health, but will be applicable to doctoral students that conduct biomedical or community research. Pre-req: HPRO 901/ HPRO 902; BIOS 806; Instructor permission
Typically Offered: FALL/SP/SU

HPRO 925 SCIENTIFIC WRITING FOR PUBLIC HEALTH RESEARCH 3 Credit Hours
This course will provide doctoral students an opportunity to develop and apply scientific writing skills. All students will identify a potential paper that can be moved towards submission to a peer-reviewed journal before the end of the semester. Pre-requisites: Doctoral student in good standing; instructor permission
Typically Offered: SPRING

HPRO 935 RESEARCH ETHICS 3 Credit Hours
The course is intended for graduate students and health professionals who will be actively involved in the design, analysis, and interpretation of biomedical research or public health studies involving human subjects. There are no pre-requisites for this course, although some experience with research design or practice (or a course in research design or practice) is preferred.
Typically Offered: SUMMER

HPRO 970 SEMINAR 1 Credit Hour
Attendance at weekly seminars offered by the department/program, or other activities specific to the degree program (contact the program director for more information).

HPRO 996 DIRECTED READINGS AND RESEARCH 1-9 Credit Hours
This course is specific to doctoral level work in the College of Public Health. Content of this independent study may include research other than dissertation, directed readings, and other study of a doctoral level and all under the supervision of a graduate faculty member.
Prerequisite: Doctoral student status and program permission.
Typically Offered: FALL/SP/SU

HPRO 998 DOCTORAL SPECIAL TOPICS 1-4 Credit Hours
A course designed for PhD students in Health Promotion Disease Prevention Research and other graduate students that focuses on selected topics or problems in Health Promotion and Disease Prevention.
Prerequisite: Permission of instructor.
Typically Offered: FALL/SP/SU

HPRO 999 DOCTORAL DISSERTATION 1-15 Credit Hours
Independent student research related to the PhD dissertation. This course may be utilized before or after successful completion of the comprehensive exam.
Typically Offered: FALL/SP/SU