HEALTH BEHAVIOR (HBEH)

HBEH 396. Independent Study in Health Behavior. 1-6 Credits.
Advanced course for undergraduates who wish to pursue a topic or research study in health behavior. To be arranged with faculty. An approved work plan is required.

Rules & Requirements
Repeat Rules: May be repeated for credit. 6 total credits. 6 total completions.
Grading Status: Letter grade.

HBEH 411. Pathways to Effective Community Engagement. 2 Credits.
This course is designed to provide a framework for students to reflect on their existing public service and community engagement experiences, critically examine important issue areas, build skills and consider how what they are learning may inform their career paths. Students will participate in weekly group lecture and recitation sessions as well as completing at least 30 hours of work in partnership with a community organization.

Rules & Requirements
IDEAs in Action Gen Ed: HI-SERVICE.
Grading Status: Pass/Fail.

HBEH 510. Foundations of Equity, Ethics, and Engagement in Public Health. 3 Credits.
Students will 1) explore how health inequities appear in different populations; 2) examine historical and relevant events to unpack how these inequities came to be; and 3) gain an overview of self-reflective and community engagement strategies used by health behavior practitioners and researchers to ethically partner with others to identify and address health inequities.

Rules & Requirements
Grading Status: Letter grade.

HBEH 520. Introduction to Global Health. 3 Credits.
This course introduces fundamental terminology, frameworks, problems, and solutions in global health. We will explore the historical and modern-day influences that have shaped the systems, issues, actors, and priorities of global health today. This course will expose students to: critical global health challenges; leaders across diverse sectors who are working to develop innovative solutions, policies, and programs to address these challenges; and roles that students can play to contribute to improving global health.

Rules & Requirements
Grading Status: Letter grade.

HBEH 531. Community Engagement and Assessment to Advance Health Equity and Social Justice. 3 Credits.
Engaging communities to identify their strengths, needs and priorities and determine action steps to address them is at the core of public health practice. Conducting a health assessment with communities is an essential public health function required in local and global contexts. This class will examine approaches to the assessment process, compare qualitative and quantitative data collection methods, and examine strategies for ensuring effective and equitable community engagement throughout the assessment process.

Rules & Requirements
Grading Status: Letter grade.

HBEH 532. Development and Evaluation of Health Behavior Interventions. 4 Credits.
This course will provide exposure to interventions designed to address determinants of health issues across all levels of the social ecological framework. Students will think critically about the purpose, design, and success of public health interventions. Throughout the course, students will learn the relevant terminology, frameworks, and processes to design, adapt, implement, and evaluate interventions in health behavior.

Rules & Requirements
Requisites: Prerequisite, SPHG 352 or instructor permission for students lacking the prerequisites.
Grading Status: Letter grade.

HBEH 600. Social and Behavioral Sciences in Public Health. 3 Credits.
This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week. Enrollment is restricted to junior, senior, graduate, and certificate students in programs or majors within the School of Public Health.

Rules & Requirements
Grading Status: Letter grade.

HBEH 601. Principles of Statistical Inference for Health Behavior. 3 Credits.
Required preparation, knowledge of basic descriptive statistics. Majors only. Major topics include elementary probability theory, probability distributions, estimation, tests of hypotheses, paired and independent samples t-tests, ANOVA, linear and logistic regression, correlation and chi-squared procedures. SAS, a statistical software package, is used in the course.

Rules & Requirements
Grading Status: Letter grade.

HBEH 609. Leadership for Alternative Breaks. 2 Credits.
This experiential service-learning course will focus on interpersonal leadership theories, skill development, and application, with an in-depth emphasis on leadership as a behavior (i.e., self in relation to others). Students in this course serve as alternative break leaders through the APPLES Service-Learning Program. Leadership practices learned in this course will be directly applied to their experience as a break leader and to long-term leadership growth and development.

Rules & Requirements
Grading Status: Letter grade.
HEBE 610. Alternative Spring Break. 2 Credits.
This course will explore issues, theories, and experiences relevant to social action, coalition building, and social change. The content of this course will be examined by confronting the possibilities and limitations of service and service-learning as it relates to APPLES Alternative Spring Break experiences.

Rules & Requirements
Grading Status: Pass/Fail.

HEBE 611. Philanthropy as a Tool for Social Change. 3 Credits.
In this course students learn about and experience the process of awarding grants to local agencies. In addition to participating in the grant-making process, students learn about the nonprofit sector and the philosophy and practice of philanthropy through readings, class exercises, and guest speakers.

Rules & Requirements
Requisites: Corequisite, EPID 600.
Grading Status: Letter grade.
Same as: EPID 625, MHCH 625.

HEBE 625. Injury as a Public Health Problem. 3 Credits.
This course examines unintentional injuries from a public health perspective. The course covers core concepts in injury prevention and control, including the epidemiology of unintentional injury, prevention strategies, behavioral models, child and adolescent injury, messaging framing, the Haddon matrix, and injury surveillance.

Rules & Requirements
Requisites: Corequisite, EPID 600.
Grading Status: Letter grade.

HEBE 626. Violence as a Public Health Problem. 3 Credits.
This course covers core concepts in violence prevention and control, including the epidemiology of violence, prevention strategies for interpersonal and intra-personal violence, behavioral models that describe power structures that reinforce personal and societal factors affecting self-harm and violence towards others, and violence directed towards children and adolescents.

Rules & Requirements
Requisites: Prerequisite, EPID 625.
Grading Status: Letter grade.
Same as: EPID 626, MHCH 626.

HEBE 660. Environmental and Science Journalism. 3 Credits.
Prepare students to work as environmental and science journalists. The course emphasizes writing skills in all delivery formats and interpreting environmental, science, and medical information for consumers. Honors version available.

Rules & Requirements
Grading Status: Letter grade.
Same as: MEJO 560, HPM 550.

HEBE 690. Special Topics in Health Behavior. 1-3 Credits.
Special topics in health behavior. An experimental course designed for faculty who wish to offer a new course. Content will vary from semester to semester.

Rules & Requirements
Repeat Rules: May be repeated for credit. 6 total credits. 6 total completions.
Grading Status: Letter grade.

HEBE 700. Foundations of Health Equity, Social Justice and Human Rights. 3 Credits.
This is a required course for masters’ students in the EQUITY concentration. The course will expose students to the broad context through which public health practitioners and researchers understand and address public health issues in regards to health equity, social justice and human rights. This course will provide students with an overview of the field, as well as an introduction to concepts and topics that are relevant across the MPH curriculum.

Rules & Requirements
Grading Status: Letter grade.

HEBE 701. A Holistic Approach to Understanding & Achieving Health Equity. 3 Credits.
This course will take a holistic approach to understanding and achieving health equities. We will explore how inequities appear in different populations; examine historical and relevant events to unpack how these inequities came to be; and identify strategies to intervene to reduce or eliminate these inequities. We will identify and develop a model to be utilized as a tool when addressing public health related issues.

Rules & Requirements
Grading Status: Letter grade.

HEBE 703. Professional Development Part I. 1 Credits.
Topics included in the fall semester focus on knowledge and skills to manage programs. Specific topics include leadership, followership, emotional intelligence, communication, conflict management, negotiation, and participatory decision making. The primary assignment involves a self-assessment and identification of a self-development plan.

Rules & Requirements
Grading Status: Letter grade.

HEBE 704. MPH Professional Development Part II. 1 Credits.
The spring semester will focus on knowledge and skills to manage programs with an emphasis on personnel and resources management. Specific topics include: supervision, interviewing, salary negotiation, non-profit management, organizational culture, budgeting, and proposal development. Majors only.

Rules & Requirements
Grading Status: Letter grade.

HEBE 705. Lesbian, Gay, Bisexual, Transgender and Queer Health: A Population Perspective. 3 Credits.
This seminar course explores health challenges faced by LGBT populations. Discussions will span a variety of health behaviors and outcomes, determinants of health, developmental stages, identities, and settings. Students will be able to identify conceptual frameworks and considerations relevant in LGBT health research and practice.

Rules & Requirements
Grading Status: Letter grade.
HEALTH BEHAVIOR (HBEH)

HBEH 706. Effective Training for Global Health. 1 Credits.
Students are introduced to adult learning principles, effective training methods, course design and evaluation for international audiences and settings, and characteristics of culturally-competent trainers. Students work in teams to: design a course and activity, facilitate the activity, and provide and incorporate feedback to foster peer sharing and learning.

Rules & Requirements
Grading Status: Letter grade.

HBEH 709. U.S. Populations of Color. 3 Credits.
This course explores the various structural forces that impact the health status and health behaviors of populations of color in the United States.

Rules & Requirements
Grading Status: Letter grade.

HBEH 710. Community Capacity, Competence, and Power. 3 Credits.
The nature and delineation of participatory action research and its relevance to concepts, principles, and practices of community empowerment. Students learn methods (such as photovoice) through learning projects.

Rules & Requirements
Grading Status: Letter grade.

HBEH 715. Communication for Health-Related Decision Making. 2 Credits.
Course provides foundation and skills to understand and improve decision making that affects people’s health. It teaches theoretical basis and evidence-based applications of health-related decision making.

Rules & Requirements
Grading Status: Letter grade.

HBEH 720. Leading for Racial Equity: Examining Structural Issues of Race and Class. 2 Credits.
This multidisciplinary seminar prepares participants from graduate programs and communities to address the challenges of racial, ethnic, and tribal equity. Co-instructors promote applied leadership through: a firm definition and analysis of racism, power, and privilege; historic and current structures that sustain inequities; and anti-racism tools and resources for system change.

Rules & Requirements
Grading Status: Letter grade.

HBEH 726. Adolescent Health. 3 Credits.
Topics covered include the epidemiology of health problems, developmental issues, health services, and psychosocial influences on adolescent problem behaviors. Course materials are useful for research generation and practical application. Three seminar hours per week.

Rules & Requirements
Grading Status: Letter grade.

HBEH 727. Patient Advocacy. 3 Credits.
Explore competing definitions of patient advocacy. Topics related to ethics, policy, and law will be covered in the context of what have often been termed patient rights and responsibilities. Three lectures hours per week.

Rules & Requirements
Grading Status: Letter grade.

HBEH 730. Theoretical Foundations of Health Behavior. 3 Credits.
This course will provide an overview of social and behavioral science theories and frameworks that are currently used to: 1) understand health related behaviors; and 2) guide development of interventions and policies designed to prevent, reduce or eliminate major public health problems. We will use an ecological framework to examine theories at multiple levels of the social ecology, focusing on applications that will impact health at the population level.

Rules & Requirements
Grading Status: Letter grade.

HBEH 733. Introduction to Program Management. 3 Credits.
An introductory overview of health education program management. A practical study of personnel and financial management issues including staff development, recruitment, performance appraisal, budget preparation and monitoring. Three lecture hours per week.

Rules & Requirements
Grading Status: Letter grade.

HBEH 735. Applied Intersectionality for Public Health. 3 Credits.
This course will introduce some of the foundational thinking that has given rise to intersectionality as a framework for understanding the intersection of multiple marginalized populations in health equity. The course will also survey methods and measurement approaches in intersectionality research. The latter part of the course will focus on applications of intersectionality research in public health, including implementation science and public policy.

Rules & Requirements
Grading Status: Letter grade.

HBEH 740. Health Behavior Practice I. 3 Credits.
This is the first part of year-long course covering key principles of health education practice. The coursework will be conducted in modules. HBEH Practice I will cover community engagement/assessment and intervention, development, adaptation, and implementation. The course will draw from the expertise of a wide range of faculty and practitioners.

Rules & Requirements
Grading Status: Letter grade.

HBEH 741. Health Behavior Practice II. 3 Credits.
This is the second part of a year-long course covering key principles of health education practice. Coursework will be conducted in modules. HBEH Practice II will cover evaluation, as well as sustainability, dissemination, and translation. The course will draw from the expertise of a wide range of faculty and practitioners.

Rules & Requirements
Grading Status: Letter grade.

HBEH 742. MPH Practicum. 1 Credits.
The practicum is an individual field training opportunity that serves as a bridge between a student’s academic training and applied public health practice. Majors only.

Rules & Requirements
Repeat Rules: May be repeated for credit. 2 total credits. 2 total completions.
Grading Status: Letter grade.
HBEH 743. Program Intervention, Implementation, and Monitoring II. 1-4 Credits.
Application of methods to analyze and interpret data regarding the effectiveness of health education interventions. Students work under faculty advisers to assess the effectiveness of interventions implementation in HBEH 742.

Rules & Requirements
Requisites: Prerequisite, HBEH 742.
Grading Status: Letter grade.

HBEH 744. Research Practicum for MSPH-to-PhD Students I. 1-2 Credits.
Individually designed and mentored research practicum for enhancing knowledge and skills in research through work on a research project.

Rules & Requirements
Repeat Rules: May be repeated for credit. 2 total credits. 2 total completions.
Grading Status: Letter grade.

HBEH 745. Research Practicum for MSPH-to-PhD Students II. 1-2 Credits.
Mentored research practicum in writing a publishable manuscript.

Rules & Requirements
Requisites: Prerequisite, HBEH 744.
Repeat Rules: May be repeated for credit. 2 total credits. 2 total completions.
Grading Status: Letter grade.

HBEH 746. Community-Led Capstone Project. 3 Credits.
Capstone (HBEH 746/992) is a year-long, community-led, group-based, mentored service-learning course that gives students an opportunity to apply HB MPH knowledge and skills to community-identified public health projects in partnership with local organizations. As the culminating experience of the HB MPH program, the products produced for this course serve as a substitute to The Graduate School's master's thesis requirement.

Rules & Requirements
Grading Status: Letter grade.

HBEH 747. Design Thinking for the Public Good. 3 Credits.
This course will train an interdisciplinary group of graduate students to apply the mindsets, methods, and process associated with design thinking (i.e. human-centered design) to solve real world problems. Design thinking is a creative problem solving process that prioritizes ethnographic market research, convergent and divergent thinking, as well as rapid prototyping. Students will collaborate with community members to design solutions (products, services, etc.) that are desirable, feasible, and viable.

Rules & Requirements
Grading Status: Letter grade.
Same as: PLCY 748.

HBEH 749. mHealth for Behavior Change. 2 Credits.
This special topics seminar examines the impact and potential of mobile health interventions and apps for health behavior change. The overall course objective is to understand state of the science and future potential to leverage mobile phones and wearable technologies in innovative and powerful behavior change interventions to improve health. The course considers adaptation of eHealth interventions for mobile delivery, unique opportunities with mHealth, data collection via mobile devices and sensors, and using the data.

Rules & Requirements
Grading Status: Letter grade.

HBEH 750. Interpreting Health Behavior Research. 2 Credits.
This course reviews quantitative methods in health behavior research, focusing on validity of conclusions drawn from observational and evaluation studies. The goal is to help public health practitioners be savvy consumers of published research studies and to identify the strengths and weaknesses of planned programs. Permission of the instructor required for non-majors.

Rules & Requirements
Grading Status: Letter grade.

HBEH 751. The Role of Evaluation in Health Education. 2 Credits.
Emphasis on methods to show the importance of evaluation in health education program planning and developing skills in formative evaluation design, emphasizing analysis that contributed to decision making regarding programs. Two lecture hours per week.

Rules & Requirements
Grading Status: Letter grade.

HBEH 752. Health Behavior Survey Methods. 2 Credits.
This course is a critical examination and application of the concepts and methodologies necessary for effectively selecting, adapting, implementing, and evaluating evidence-based public health interventions. Restricted to Health Behavior MPH Concentration Students, others must seek permission of instructor.

Rules & Requirements
Grading Status: Letter grade.

HBEH 753. Qualitative Methods in Health Behavior. 3 Credits.
Approaches to designing qualitative research studies for the development and evaluation of public health programs. Emphasis is on the practice of collecting and analyzing data from individual interviews, focus group discussions, and observations. All students in the course are required to have completed CITI Human Subjects Training. Information on completing the training can be found at the CITI website: http://www.citiprogram.org/default.asp?language=english.

Rules & Requirements
Requisites: Prerequisite, HBEH 750.
Grading Status: Letter grade.
HBEH 754. Advanced Qualitative Research Methods in Health Behavior and Health Research. 3 Credits.
The course provides advanced graduate students in public health and related fields the opportunity to explore different analytic approaches and techniques and develop analysis and writing skills. Students will apply methods they learn to analyze, interpret and write-up the results of their own qualitative research.

Rules & Requirements
Requisites: Prerequisite, HBEH 753.
Grading Status: Letter grade.

HBEH 755. Popular and Empowerment Education for Health Educators. 3 Credits.
Explore empowerment education and popular learning methodologies within the context of health education, creating opportunities for dialogue between theory and practice. Examine adult learning theories, participatory learning concepts, and community development techniques. Will also discuss issues of power between practitioners, health educators, and the community.

Rules & Requirements
Grading Status: Letter grade.

HBEH 756. Social and Peer Support in Health: An Ecological and Global Perspective. 3 Credits.
The course will survey social support in health, including the nature and key processes of social support, cultural influences in different countries, and approaches to promoting peer support in health promotion around the world. Term assignment will entail planning a peer support program or research project of the student's choice.

Rules & Requirements
Grading Status: Letter grade.

HBEH 760. Research Methods with Health Behavior Applications I. 3 Credits.
Permission of the instructor for non-majors. Fundamentals of quantitative research in health behavior, including conceptualization of research questions and hypotheses, sampling, and experimental and observational research designs.

Rules & Requirements
Grading Status: Letter grade.

HBEH 761. Generalized Linear Modeling with Health Behavior Applications. 4 Credits.
Permission of the instructor for non-majors. Fundamentals of regression with continuous and categorical outcome data, including techniques to assess mediation. Applications with health behavior data.

Rules & Requirements
Grading Status: Letter grade.

HBEH 762. Multilevel Modeling with Applications to Health Behavior. 1-3 Credits.
The course prepares students to analyze nested or longitudinal data using random coefficient models using SAS. Three hours per week.

Rules & Requirements
Requisites: Prerequisite, HBEH 761.
Grading Status: Letter grade.

HBEH 763. Scale Development Methods. 3 Credits.
The purpose of this course is to provide students with a foundational theoretical knowledge of psychological assessment and a skills-oriented understanding of common qualitative and quantitative analytical techniques for scale construction. A secondary course objective is to expose students to structural latent variable models and related advanced latent variable modeling techniques relevant to scale development. This course is intended for doctoral students. Previously offered as HBEH 852.

Rules & Requirements
Requisites: Prerequisite, HBEH 750; Permission of the instructor for students lacking the prerequisite.
Grading Status: Letter grade.

HBEH 765. Cancer Prevention and Control Seminar. 3 Credits.
An interdisciplinary overview of cancer prevention and control. Emphasis on projects and activities from perspectives of epidemiology, health behavior and education, and health policy and management. Appropriate research design and methodologies are covered.

Rules & Requirements
Grading Status: Letter grade.

HBEH 770. Social Determinants of Health in the US. 3 Credits.
This course examines the social, economic, cultural, organizational, and institutional factors that impact public and population health in the US. These factors include population characteristics (social class, age, gender, cultural background, race, ethnicity), individual beliefs and behaviors, and socio-political systems and practices that affect public health problems and policies. Although the course focuses on the United States, many of the same factors affect health and longevity across population subgroups in other countries.

Rules & Requirements
Grading Status: Letter grade.

HBEH 772. Planning, Implementing, and Evaluating Health Behavior Interventions. 2 Credits.
Designed to provide practical tools that can be used in real world settings, this course will examine methods to plan health behavior interventions and determine if and how a particular health-related program works. Several major types of evaluation will be covered, with emphasis on process and impact evaluation. Restricted to Health Behavior MPH Concentration Students.

Rules & Requirements
Requisites: Prerequisites, SPHG 711, SPHG 712, SPHG 713, HBEH 730, and HBEH 750.
Grading Status: Letter grade.

HBEH 775. Introduction to Public Health Policy and The Policy-Making Process. 3 Credits.
This course introduces skills needed to effectively assess and influence a four phase policy process: 1) Defining the problem toward structural solutions; 2) Developing a policy or structural solution by using systems thinking and policy agenda windows and applying policy analysis tools to optimize the solution; 3) Using advocacy strategies to influence the solution toward enactment; and 4) Clarifying the implementation components that need to be in place and the political games that ensue.

Rules & Requirements
Grading Status: Letter grade.
HEBEH 780. Program Planning and Proposal Development for Global Health. 3 Credits.
This course is designed to introduce students to key concepts in global health program planning and proposal development. You will learn how to consider context when designing programs, design programs based on theory and evidence, and consider key operational issues in planning. This is a required course for the Global Health MPH concentration. For those outside of the concentration, permission to enroll will be considered on a case-by-case basis. Restricted to Global Health MPH students.

Rules & Requirements
Grading Status: Letter grade.

HEBEH 782. Professional Development for Global Health. 1 Credits.
Professional Development is part of the required training sequence for second year MPH students in the Global Health concentration.

Rules & Requirements
Requisites: Prerequisites, MHCH 780 and HBEH 781.
Grading Status: Letter grade.

HEBEH 784. Implementation Science in Global Health. 3 Credits.
Implementation science aims to improve health through the translation of evidence-based intervention into routine care. This course will provide an overview of the foundational skills of implementation science in global health including tailoring to the local context, systematic approaches to identifying implementation barriers and selecting appropriate implementation strategies, and using rigorous study designs to evaluate implementation outcomes. Restricted to students enrolled in the Global Health MPH Concentration.

Rules & Requirements
Grading Status: Letter grade.

HEBEH 785. Critical issues in work, worker and workplace health. 3 Credits.
This course prepares students to contribute as members of an interdisciplinary team to protect and promote workers' health. Students will learn that work is a social determinant of health and explore the context in which worker health protection/promotion practitioners work. Students will be able to summarize key regulations and policies that impact work and worker health.

Rules & Requirements
Grading Status: Letter grade.
Same as: ENVR 795.

HEBEH 786. Essential Methods for Evaluating Worker and Workplace Health. 3 Credits.
Required course for the graduate certificate in Total Worker Health. Students in this course will develop skills for deploying a comprehensive, multi-level assessment of worker and workplace health. Students will draw on the evidence base to articulate a plan for engaging employees in assessments; describe how to conduct individual worker assessments ethically and legally; conduct several types of organizational assessment; summarize administrative data (such as use of sick leave in the worksite) and practice communicating.

Rules & Requirements
Grading Status: Letter grade.

HEBEH 787. Planning, Implementing and Evaluating Total Worker Health Interventions. 3 Credits.
Required course for the graduate certificate in Total Worker Health. Students in this course will apply the Comprehensive Planning-Implementation-Evaluation Framework to recommend a Total Worker Health intervention to address the needs of a specific group of workers. They will learn to use multiple data sources to identify a priority worker health/safety issue; identify and/or adapt worker-health interventions from the literature; and write an implementation and evaluation plan for their Total Worker Health intervention.

Rules & Requirements
Requisites: Prerequistites, HBEH 785 or ENVR 795.
Grading Status: Letter grade.

HEBEH 788. From Data to Action: Analyses to Link Public Health Research and Policy Decision-Making. 3 Credits.
This course examines that ways that science is used - and not used - to solve public health problems. As a foundation, Multiple Streams Theory is used to identify windows of opportunity for policy change. The course then surveys a range of methods designed to seize open windows to encourage policy change in one of seven ways: 1) Framing compelling problem statements, 2) Demonstrating public support, 3) Measuring effectiveness, 4) Predicting potential impacts of policy.

Rules & Requirements
Grading Status: Letter grade.

HEBEH 790. Racialization and Health. 3 Credits.
Racialization, or the process of race making in time and place, is a concept that is foundational to public health practice and research. This course will use historical and sociological perspectives to learn about the construction of ethnoracial groups across the Americas, how racialization is defined in law, manifested in geography, medicine, and occupation. We will also apply the racialization framework to the critique of racialized data in public health.

Rules & Requirements
Grading Status: Letter grade.

HEBEH 795. E-Health. 3 Credits.
An overview of the positive and negative impacts of the internet on public health. Covers research, evaluation sites, ethics, and use of theory that addresses key public health problems.

Rules & Requirements
Grading Status: Letter grade.
Same as: MEJO 795.

HEBEH 799. Special Studies in Behavior Change. 1-6 Credits.
Experimental course to be offered by faculty to determine the need and demand for the subject. Topics will be chosen by faculty based on current public health issues.

Rules & Requirements
Grading Status: Letter grade.
HBEH 800. Social Psychological Theories of Individual Health Behavior. 3 Credits.
Selected social psychological theories and their relationship to health promotion, disease prevention, and patient education. Three lecture hours per week.

Rules & Requirements
Requisites: Prerequisite, HBEH 730; permission of the instructor for students lacking the prerequisite.
Grading Status: Letter grade.

HBEH 802. Social Determinants of Health: Theory, Method, and Intervention. 3 Credits.
Discussion and readings will focus on population vs. individual perspectives on health, risk conditions vs. risk factors, concepts of causation, and knowledge development as a historic and social process. Course will also examine macro-level determinants of population health.

Rules & Requirements
Requisites: Prerequisite, EPID 600.
Grading Status: Letter grade.
Same as: EPID 825.

HBEH 811. Development and Evaluation of Health Promotion and Disease Prevention Interventions. 3 Credits.
Permission of the instructor for non-majors. Doctoral seminar on application of theory and empirical evidence to intervention development, evaluation paradigms, and methods of process and outcome evaluations.

Rules & Requirements
Grading Status: Letter grade.

HBEH 812. Professional Development for Doctoral Students I. 2 Credits.
Focus is on professional development competencies needed for doctoral training and career advancement. Emphasis is on topics relevant to students early in training.

Rules & Requirements
Grading Status: Letter grade.

HBEH 813. Professional Development for Doctoral Students II. 1 Credit.
Focus is on professional development competencies needed for doctoral training and career advancement. Emphasis is on topics relevant to students nearing the dissertation phase and training completion.

Rules & Requirements
Grading Status: Letter grade.

HBEH 815. Foundations of Health Behavior I. 3 Credits.
A critical examination of the conceptual, theoretical, and empirical bases of public health and health education, health transitions, globalization, and issues around social justice. Restricted to doctoral students majoring or minoring in Health Behavior.

Rules & Requirements
Grading Status: Letter grade.

HBEH 816. Foundations of Health Behavior II. 3 Credits.
A critical examination of the social determinants of health, health disparities, principles of individual and collective behavior and behavior change, and the role of health behavior in emerging public health issues. Restricted to doctoral students majoring or minoring in Health Behavior.

Rules & Requirements
Grading Status: Letter grade.

HBEH 825. Seminar in Interdisciplinary Health Communication. 3 Credits.
Permission required for non-majors. Interdisciplinary overview of communication theory and research and critical analysis of applications of theory to interventions using communication for health. Three hours per week.

Rules & Requirements
Requisites: Prerequisite, HBEH 730.
Grading Status: Letter grade.

HBEH 840. Advanced Field Training in Health Education. 1-3 Credits.
Open to doctoral students in the department. Under guidance by faculty and field counselors, students assume major responsibility for planning, executing, and evaluating community health education projects. Field fee: $125.

Rules & Requirements
Repeat Rules: May be repeated for credit.
Grading Status: Letter grade.

HBEH 841. Advanced Field Training. 0.5-21 Credits.

Rules & Requirements
Grading Status: Letter grade.

HBEH 842. Primary Practicum for Doctoral Students. 1-4 Credits.
Individually designed and mentored practicum for gaining and strengthening skills in research.

Rules & Requirements
Repeat Rules: May be repeated for credit.
Grading Status: Letter grade.

HBEH 843. Secondary Practicum for Doctoral Students. 1-4 Credits.
Individually designed and mentored practicum for gaining and strengthening skills in teaching, research, or another area relevant to professional goals.

Rules & Requirements
Repeat Rules: May be repeated for credit.
Grading Status: Letter grade.

HBEH 850. Research Manuscript Development. 3 Credits.
This seminar is designed to help advanced students refine conceptual and writing skills essential to the production of a manuscript based on already collected qualitative and quantitative data. Three hours per week.

Rules & Requirements
Requisites: Prerequisite, HBEH 751 or 860.
Grading Status: Letter grade.

HBEH 851. Causal Modeling and Structural Equations. 3 Credits.
This seminar is designed to refine a wide range of research skills in health behavior by using data collected by others. Three seminar hours per week.

Rules & Requirements
Requisites: Prerequisite, BIOS 545; Permission of the instructor for students lacking the prerequisite.
Grading Status: Letter grade.
HBEH 860. Research Proposal Development. 3 Credits.
Restricted to doctoral students in department. Integration and application of detailed components of research methods to preparation and writing of a research grant proposal. Introduction to proposal submission and review process for various funding agencies.

Rules & Requirements
Grading Status: Letter grade.

HBEH 861. Global Mental Health. 3 Credits.
Global fundamentals, characteristics, public health impacts, prevention, and management of mental health and mental illness. Master's and doctoral students, fellows, and upper-level undergraduates.

Rules & Requirements
Grading Status: Letter grade.

HBEH 891. Special Studies in Behavior Change. 1-6 Credits.
An independent course designed for study areas of natural or planned change; personal and nonpersonal methods, in health related fields. To be arranged with faculty in each case.

Rules & Requirements
Grading Status: Letter grade.

HBEH 892. Special Topics in Program Design and Evaluation. 1-6 Credits.
Required preparation, to be arranged with the faculty in each case. An independent course of study designed for students who wish to pursue advanced studies in program design and evaluation. Repeatable within degree (for six hours).

Rules & Requirements
Repeat Rules: May be repeated for credit.
Grading Status: Letter grade.

HBEH 893. Special Studies in Behavior Change. 1-6 Credits.
An independent course of study for students who wish to pursue studies in social class and variations in planned change. To be arranged with faculty in each case. Fall, spring, and summer.

Rules & Requirements
Grading Status: Letter grade.

HBEH 897. Advanced Topics in Health Behavior. 1-6 Credits.
For doctoral students who wish to pursue an independent study or research in a selected area. Student will work with a faculty member in designing the study.

Rules & Requirements
Grading Status: Letter grade.

HBEH 960. Principles and Practices of Alternative and Complementary Medicine. 3 Credits.
This course is designed to introduce medical students and other health professionals to the underlying philosophies, practitioners, techniques, and evidence of efficacy of alternative therapeutics currently in use in the United States, including chiropractic, dietary, mind-body, acupuncture, homeopathy, and healing.

Rules & Requirements
Grading Status: Letter grade.

HBEH 992. Master's (Non-Thesis). 3 Credits.
Capstone is a year-long, group-based, mentored, service-learning course. Over the course of two semesters, each team works with a partner organization and its stakeholders to produce a set of deliverables. Capstone sessions provide opportunities for students to prepare for, reflect upon, cross-share about, and present their Capstone projects. Majors only.

HBEH 994. Doctoral Research and Dissertation. 3 Credits.
Rules & Requirements
Repeat Rules: May be repeated for credit.