Department of Community Health Behavior and Education

The Department of Community Health Behavior and Education at Georgia Southern University’s Jiann-Ping Hsu College of Public Health is designed to prepare you for community-based public health interventions. You will learn to solve problems in the field of public health and prepare for a variety of leadership positions, especially those in community health programs.

Doctoral Degree


Masters Degree


CHBE 9130 Research Methods in Community and Behavioral Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces doctoral students to research methods in health science. Development and presentation of research proposals will be the focus of the course. Additional emphasis will be placed on writing skills in research and grant applications.

CHBE 9132 Ecological Determinants of Public Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course provides students with an examination of the social and behavioral determinants of health at all ecological levels, and their relationships with health equity. It also explores social and behavioral interventions to address community health inequity at multiple ecological levels (individual through policy).

CHBE 9230 Community-Based Public Health Program Planning and Evaluation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the theory and application of community-based program planning and evaluation. Concepts in community assessment, organization, and mobilization for the purpose of addressing identified public health concerns will serve as the foundation for the public health planning process. Appropriate techniques of partnership building, planning strategies, data collection, data analysis, and evidence-based decision making will also be introduced.

CHBE 9235 Communication and Advocacy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will provide students with the ability to evaluate the history and current applications of health communication theory and strategies to public health practice and research. Emphasis is placed on use of health communication theory and strategies designed to create change across the ecological spectrum, from individual to policy levels. Students will gain the skills to structure, develop, implement and evaluate social marketing, media advocacy, risk communication and advocacy efforts for policy change. In addition, ability to lead systematic qualitative and mixed method data collection processes involving interviewing skills, participant observation and focus group development will be developed. Emphasis is placed on critical thinking skills to help students analyze and utilize these skills in research and practice in diverse public health settings.

CHBE 9331 Health Disparities and the Rural Underserved
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an in-depth look at health disparities, including factors related to the history, politics, socioeconomics, race/ethnicity, and access to and utilization of health care. The extant literature in each of these areas will be examined and discussed.

CHBE 9335 Global Health and Preparedness
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will focus on global public health and preparedness for domestic and global emergencies. Students will explore patterns of health and disease around the world, and compare them to public health issues in the United States. An ecological framework will be employed to illustrate the complex political, social, economic, and environmental determinants of global health inequity. Concepts from the social sciences, epidemiology, health systems, and policymaking will be incorporated. The course will emphasize issues related to humanitarian emergencies and natural disasters both globally and domestically, and the need to build public health infrastructure and preparedness to mitigate them.

CHBE 9630 Doctoral Seminar in Community Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will provide students with the opportunity to analyze the history and current applications of social and behavioral science theories, approaches, models and strategies (learned throughout the curriculum) to public health practice and research. This seminar will examine the breadth of epistemologies employed as we develop effective methods to create change across the ecological spectrum, from individual to policy levels. Emphasis will be placed on critical thinking skills to help students engage in dialogue about what will be effective research and practice in diverse public health settings over the next ten years.

COHE 6130 Research Methods in Health Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces students to research methods in health science. Development and presentation of practicum and research proposals will be the focus of the course. Additional emphasis will be placed on writing skills in research and grant applications.

COHE 7090 Selected Topics in Community Health Education
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Allows the student the opportunity to receive specialized and/or focused instruction in a community health topic not generally offered by the department.

COHE 7232 Health Promotion Planning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the student to the theory and application of planning and evaluation principles. Planning and evaluation skills will be developed that can be utilized in a variety of health-related settings. Familiarizes students with theories and models from the social and behavioral sciences and health education used in behavior change interventions. Emphasizes the planning and implementing of community health interventions at multiple ecological levels.
COHE 7233  Ecologically Focused Program Evaluation
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course provides an overview of the principles of program evaluation.
It explores the methods associated with systematic evaluation of public
health education programs. Students will learn the skills needed to plan,
conduct, and critique evaluation research. The content of the course
includes: program logic models, formative, process, impact, outcome,
and summative evaluation; theory driven evaluation; a review of validity
issues as they relate to evaluation; sampling in a complex context;
operationalizing variables; assessment of measurement instruments; and
analysis of quantitative evaluation designs. In addition, issues that impact
evaluation across the ecological model, specifically the importance of
context and equity issues, will be examined. Qualitative methods used
in program evaluation and mixed method designs for evaluation will be
highlighted. Supporting the needs of all stakeholders in the evaluation will
be emphasized.
Prerequisite(s): A minimum grade of "B" in COHE 7232.

COHE 7234  Community Health Analysis
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Advanced concepts in the purpose and methods of community health
organization, social action, organizational development, policy influence,
capacity building, community diagnosis (needs assessment), social
networking and coalition formation to bring about health behavior
change and improved quality of life. Special focus on the application of
methods presented to develop and enhance community health education
intervention efforts.

COHE 7237  Rural Community Health Issues
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of social, economic, political, and cultural influences that impact
the health of individuals and families in rural communities. Designed for
health professionals, this course focuses on improving health status and
developing culturally appropriate and effective intervention and services in
rural settings.

COHE 7238  Communication for Change
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course is designed to familiarize students with the history and current
applications of health communication theory and strategies to public health
practice and research. This course examines how to structure, develop
and evaluate social marketing, media advocacy, risk communication
and advocacy skills for change. In addition, systematic qualitative data
collection processes such as interviewing skills, participant observation
and focus groups will be developed. Emphasis is placed on critical thinking
skills to help students analyze and utilize these skills in research and
practice.

COHE 7890  Directed Individual Study
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.
Provides the student with an opportunity to investigate an area of interest
under the direction of a faculty mentor.

PUBH 2131  Intro to Comm and Public Hlth
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduces the student to the core functions of public health with an
emphasis on community health programs and current trends of population
health. Exposes the student to the role of community health practice in
maximizing the health status of all populations. Course will include an
overview of the organizational structure of federal, state, and local health-
related agencies and examine the interrelationship of political, social,
cultural and economic dimensions of community based population health
activities.

PUBH 3130  Substance Use and Abuse
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course explores legal and illegal drug use in modern society. Issues
related to the social, cultural, political and economic impact of drug use will
be discussed. The emphasis in the course will be on prevention, treatment
and effective education techniques for various practice settings and target
populations.
Prerequisite(s): A minimum grade of "C" in HLTH 1520.
Cross Listing(s): PUBH 3130H.

PUBH 3130H  Substance Use and Abuse
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course explores legal and illegal drug use in modern society. Issues
related to the social, cultural, political and economic impact of drug use will
be discussed. The emphasis in the course will be on prevention, treatment
and effective education techniques for various practice settings and target
populations.
Prerequisite(s): A minimum grade of "C" in HLTH 1520.
Cross Listing(s): PUBH 3130.

PUBH 3131  Chronic Diseases: A Modern Epidemic
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Chronic conditions (e.g. diabetes, cardiovascular disease, renal disease,
obesity) are currently responsible for sixty percent of the global burden of
disease and the World Health Organization predicts this to rise to eighty
percent by the year 2020. This is one of the greatest challenges facing
health care systems throughout the world and it places long-term health
and economic demands on health care systems as the population ages.
This course will provide students with the opportunity to study specific
issues related to chronic disease epidemiology and management and their
links to practice.
Prerequisite(s): A minimum grade of "C" in KINS 2531 and KINS 2511.

PUBH 3132  Health Care Systems and Advocacy
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course introduces students to the background and development of
administrative settings for health care delivery in the United States by
exploring trends and issues based on current health and medical care
programs and practices and analyzing the current organizational structure
of medical care services in the United States. Topics to be examined
include the medical care process, factors affecting supply and distribution
of health professionals and health facilities, health care costs, and
financing of care through health insurance and governmental programs.
Students will also learn health advocacy skills to plan community based
interventions.
Prerequisite(s): A minimum grade of "C" in PUBH 2131.
Cross Listing(s): PUBH 3132S.

PUBH 3132S  Health Care Systems and Advocacy
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course introduces students to the background and development of
administrative settings for health care delivery in the United States by
exploring trends and issues based on current health and medical care
programs and practices and analyzing the current organizational structure
of medical care services in the United States. Topics to be examined
include the medical care process, factors affecting supply and distribution
of health professionals and health facilities, health care costs, and
financing of care through health insurance and governmental programs.
Students will also learn health advocacy skills to plan community based
interventions.
Prerequisite(s): A minimum grade of "C" in PUBH 2131.
Cross Listing(s): PUBH 3132.
PUBH 3136 Principles of Environmental Health  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course examines health issues, scientific understanding of causes, and possible future approaches to control major environmental health problems in industrialized and developing countries. Topics include how the body reacts to environmental pollutants; physical, chemical, and biological agents of environmental contamination; vectors for dissemination (air, water, soil); solid and hazardous waste; susceptible populations; biomarkers and risk analysis; the scientific basis for policy decisions; and emerging global environmental health problems.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.  
Cross Listing(s): PUBH 3136S.

PUBH 3136S Principles of Environmental Health  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course examines health issues, scientific understanding of causes, and possible future approaches to control major environmental health problems in industrialized and developing countries. Topics include how the body reacts to environmental pollutants; physical, chemical, and biological agents of environmental contamination; vectors for dissemination (air, water, soil); solid and hazardous waste; susceptible populations; biomarkers and risk analysis; the scientific basis for policy decisions; and emerging global environmental health problems.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.  
Cross Listing(s): PUBH 3136.

PUBH 3138 Mult. and Social Determinants  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course introduces the characteristics, causes, and effects of health disparities in the U.S. Health Care System. It also provides students with a foundation to develop the knowledge, attitudes, and skills to become culturally competent health educators. The course explores how health education and promotion is shaped by the cultural, social, and economic contexts in which individuals function.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.

PUBH 3231 Epidemiology and Biostatistics  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course introduces the student to the principles and practice of epidemiology and biostatistics. Students will be exposed to the historical development of epidemiology, concepts of causality, definitions of health and disease, and sources of community health data. Current principles and practices in the cause, prevention and control of diseases in various community settings will be emphasized.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.

PUBH 3232 HLth Ed and Promotion Practi  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course provides junior and senior level majors with a colloquium to discuss current issues and topics in health promotion and education including philosophical foundations and principles underlying the field of health promotion and education practice, the Certified Health Education Specialist Competencies, organizations, scientific foundations, and employment potential.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.

PUBH 3330 Modifying Health Behaviors  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course examines the major theoretical models used in public health practice for modifying health behavior. The efficacy of interventions in relation to current practices in public health, best practices and applications of theory-driven health behavior change are studied within the context of community-based settings. The focus of the class is to identify the critical factors necessary to create health behavior change in order to address the current Healthy People goals and objectives.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.

PUBH 3331 Stress Theory and Management in Health Promotion  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course explores issues related to the etiology of stress and stressors with emphasis on environmental, organizational, interpersonal and individual patterns of stress in various health promotion settings. Competency in the active management of stress and mobilizing support in health settings will be evaluated.  
Prerequisite(s): A minimum grade of "C" in HLTH 1520.

PUBH 3430 Sexuality Education  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course explores contemporary issues in human sexuality and prepares future health professionals to conduct sexuality education with diverse populations in a variety of settings (i.e., school, community, or worksite). Content is intended to help students increase their knowledge of sexuality, improve their ability to educate and promote sexual health and develop skills to increase their comfort level in discussing human sexuality.  
Prerequisite(s): A minimum grade of "C" in HLTH 1520.

PUBH 3531 Consumer Health  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course prepares individuals to make intelligent decisions regarding the purchasing and use of health products and services that will have a direct effect on their health. Allows students to explore the relationships among consumerism, health and education. Students will investigate consumerism, marketing and advertising as foundational aspects of consumer health. In addition, students will survey a variety of health related products and services to determine the implications and consequences of their use.  
Prerequisite(s): A minimum grade of "C" in HLTH 1520.

PUBH 3611H Health Honors Thesis Seminar I  
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.  
This is a seminar course that prepares students to complete a senior honors thesis proposal.  
Prerequisite(s): PUBH 3612H.

PUBH 3612H Health Honors Thesis Seminar II  
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.  
This is a seminar course that prepares students to complete a senior honors thesis proposal.  
Prerequisite(s): PUBH 4090S.

PUBH 4090 Selected Topics in Public Hlth  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
Allows the student the opportunity to receive specialized and/or focused instruction in a public health topic not generally offered by the College.  
Cross Listing(s): PUBH 4090S.

PUBH 4090S Selected Topics in Public Hlth  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
Allows the student the opportunity to receive specialized and/or focused instruction in a public health topic not generally offered by the College.  
Cross Listing(s): PUBH 4090.

PUBH 4099 Selected Topics in Health Science  
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.  
This course provides the student with in-depth study of selected topics in health science.  
Cross Listing(s): PUBH 4099S.

PUBH 4099S Selected Topics in Health Science  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
This course provides the student with in-depth study of selected topics in health science.  
Cross Listing(s): PUBH 4099.
PUBH 4132 Health Education and Promotion Program Planning I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the theory and application of community-based program planning and evaluation. The first of a two-course sequence, the focus will be on the development of a health promotions program plan designed to apply course content to a real-life health issue. Concepts in community assessment, organization, and mobilization for the purpose of addressing identified public health concerns will serve as the foundation for the planning process.
Prerequisite(s): A minimum grade of "C" in PUBH 2131.
Corequisite(s): PUBH 4134.

PUBH 4133 Health Education and Promotion Program Planning II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to additional theory and application of community-based program planning and evaluation. The second of a two-course sequence, the focus will be on program implementation, evaluation, and reporting of the health promotion plan developed during the prior semester. Students will gain first-hand experience in conducting an evaluation of community health education program.
Prerequisite(s): A minimum grade of "C" in PUBH 4132.

PUBH 4134 Research Methods and Evaluation in Health Education and Promotion
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces the student to research methods used in health education and evaluation. Examines the rationale and procedure to evaluate health education/promotion programs. Focuses on several topics including: research design, methods of program evaluation, planning research and evaluation, the politics and ethics of evaluation, measurement, sampling logistics, data analysis and the development of a student project.
Prerequisite(s): A minimum grade of "C" in PUBH 2131.
Corequisite(s): PUBH 4132.

PUBH 4195S International Studies Abroad in Health and Promotion
3-9 Credit Hours. 3-9 Lecture Hours. 0 Lab Hours.
This course offers students the opportunity to examine health, nutrition and food science, or kinesiology practices in a foreign country through travel abroad. Classroom instruction will be combined with on-site experiences to provide a realistic learning experience.

PUBH 4230 Maternal and Child Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will review the historical and contemporary maternal and child health trends and issues. The application of health behavior and education theories to understanding the health status of women and their children will be central to the course. Particular emphasis will be placed on promotion and education efforts designed to improve the health and well-being and quality of life for women and children in the United States.
Prerequisite(s): A minimum grade of "C" in HLTH 1520.

PUBH 4231 Health Aspects of Aging
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the aging process from a health education perspective. Students will become acquainted with the process of and problems associated with aging in order to effectively manage this important public health issue. Knowledge and understanding of biological, psychological, and sociological aspects of aging as related to health and wellness will also be addressed.
Prerequisite(s): A minimum grade of "C" in HLTH 1520.

PUBH 4330 Promotional Strategies for Health Programs
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the application of social marketing and communication theory to the development of strategies to enhance health education and promotion programs.
Prerequisite(s): A minimum grade of "C" in PUBH 2131.

PUBH 4611H Health Honors Thesis Seminar III
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
In a seminar setting, students will continue writing and revising their thesis. This course provides the student with the opportunity to revise manuscript proposal based upon previous work in Honors Thesis Seminar I and II. Students will be guided through primary data collection and analysis. Students will also complete writing the first draft of the Research Manuscript adhering to current APA style manual.

PUBH 4612H Health Honors Thesis Seminar IV
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Students will complete an Honors Research thesis and successfully defend their original research project to their Research Director and Research Committee. Revisions to the Honors thesis will be based upon feedback from the oral defense. To demonstrate proficiency in oral research presentation, students will present their original research at the Honor's Research Symposium and Phi Kappa Phi Research Symposium. Finally, students will be required to submit the final Research Manuscript for publication in a professional format.

PUBH 4798 Internship in Health Education and Promotion
12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course provides the senior level Health Education and Promotion majors with a practical experience in an appropriate health setting. Students must complete all course work in the Health Education and Promotion major prior to enrolling in this course.

PUBH 4890 Directed Individual Study
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Provides the student with an opportunity to investigate an area of interest under the direction of a faculty mentor.

PUBH 4899 Directed Individual Study
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor.

PUBH 5520 Introduction to Public Health
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
This course is designed to give students a foundation in the core functions of population-based public health (assessment, policy development and assurance). In addition, this course will examine the 10 essential services of public health within these core functions. Defining effective public health practice and providing knowledge about the technical, social, and political parameters related to public health research and practice are goals for this class. Students will gain an understanding of public health as a broad area of work that applies the benefits of current biomedical, environmental, social, and behavioral knowledge in ways that maximize the health status of all populations.

Cross Listing(s): PUBH 5520G.

PUBH 5520G Introduction to Public Health
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
This course is designed to give students a foundation in the core functions of the population-based public health (assessment, policy development and assurance). In addition, this course will examine the 10 essential services of public health within these core functions. Defining effective public health practice and providing knowledge about the technical, social, and political parameters related to public health research and practice are goals for this class. Students will gain an understanding of public health as a broad area of work that applies the benefits of current biomedical, environmental, social, and behavioral knowledge in ways that maximize the health status of all populations.

Cross Listing(s): PUBH 5520.

PUBH 6532 Environmental Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is a survey of specific environmental conditions and factors that contribute to the development of health problems in communities. Health effects, policy issues, intervention strategies and control programs for community environmental health protection are discussed.
PUBH 6533 Epidemiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an introduction to many important topics in epidemiology for public health practice, including but not limited to the evolution of the discipline, causal concepts in the natural history of disease, critical features of infectious and chronic diseases, elements of public health screening, basic measures used in epidemiology, design of epidemiologic investigations, consideration of random error and systematic bias, calculation and interpretation of confidence intervals and p values, discussion of confounding and interaction, criteria for evaluation of cause and effect relationships and the implications for ethical public health practice. Students are expected to gain a foundation for the application of epidemiologic methods for exploration of the causes and conditions that influence the origin, propagation, mitigation, and prevention of diseases in population health.

PUBH 6534 Health Policy and Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course provides a comprehensive introduction and overview to public health management and administration. The course context is based on managerial decision making and the practical knowledge, tools, processes and strategies required by organizational management. This course overview the basics of administration, including public health law, human resources management, budgeting and financing, health information management, performance measurement and improvement, ethics, leadership, communication, media relations, and legislative relations in public health; introduced as processes are strategic planning, program development and evaluation, budget preparation, and constituency building for collaboration. Emerging areas of public health policy and management are also discussed as contexts to apply practical knowledge, tools and strategies.

PUBH 6535 Social and Behavioral Sciences and Public Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to familiarize students with the history and current applications of social and behavioral sciences as they are applied to public health practice and research. It explores social and behavioral science models, theories, and approaches that inform public health, and their philosophical roots. The course also examines social and behavioral determinants of health equity across the ecological spectrum. Emphasis is placed on critical thinking skills to help students synthesize and utilize information in research and practice. An important contribution of this course is the emphasis on recognizing the contributions of social and behavioral science research and practice to enhanced public health.

PUBH 6541 Biostatistics
4 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
This course examines statistics in public health and related health sciences, including sampling, probability, basic discrete and continuous distributions, descriptive statistics, hypotheses testing, confidence intervals, categorical data analysis, regression, and correlation. Emphasis will be on the development of critical thinking skills and health data analysis applications with computer software.
Cross Listing(s): BIOS 6541.

PUBH 7090 Selected Topics in Public Health
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Allows the student the opportunity to receive specialized and/or focused instruction in a public health topic not generally offered by the department.
Cross Listing(s): PUBH 7090S.

PUBH 7090S Selected Topics in Public Health
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Allows the student the opportunity to receive specialized and/or focused instruction in a public health topic not generally offered by the department.

PUBH 7131 Continuous Quality Improvement
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will use Statistical Process Control and Quality Improvement (QI) techniques to address the pressing need for the adoption of quality improvement methods and techniques in public health today. The course also includes an overview of health quality initiatives in general and the progress of QI in public health systems.

PUBH 7530 Integrated Capstone Experience
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course serves as a culminating experience designed to promote refinement of the hard and soft skills necessary for the public health workforce. Throughout the semester, students acquire skills in the integration of basic public health concepts and refine the application of discipline specific knowledge. This course relies on a case-based format that promotes problem solving and critical thinking in the context of real world public health problems.

PUBH 7790 Practicum in Public Health
1-4 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Permits the student to receive practical experience in a selected public health-related setting.
Prerequisite(s): Permission of instructor.
Cross Listing(s): PUBH 7790S.

PUBH 7790S Practicum in Public Health
1-4 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Permits the student to receive practical experience in a selected public health-related setting.
Prerequisite(s): Permission of instructor.
Cross Listing(s): PUBH 7790.

PUBH 7890 Directed Individual Study
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Provides the student with an opportunity to investigate an area of interest under the direction of a faculty mentor.

PUBH 7991 Public Health Capstone Research Project
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Requires the completion of an independent research project in the preferred field requiring the defense of the design, methods, analysis, and interpretation of the data. MPH Students may register for more than 3 credits of PUBH 7991 while working on their Capstone Research Project, but only 3 credits of PUBH 7991 may be applied toward the degree requirements. Excess PUBH 7991 credits cannot be used for electives or required coursework. Extra (greater than 3) credits of PUBH 7991 will simply increase the number of credits the student earns to more than 45.
Cross Listing(s): PUBH 7991S.

PUBH 7991S Public Health Capstone Research Project
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Requires the completion of an independent research project in the preferred field requiring the defense of the design, methods, analysis, and interpretation of the data. MPH Students may register for more than 3 credits of PUBH 7991 while working on their Capstone Research Project, but only 3 credits of PUBH 7991 may be applied toward the degree requirements. Excess PUBH 7991 credits cannot be used for electives or required coursework. Extra (greater than 3) credits of PUBH 7991 will simply increase the number of credits the student earns to more than 45.
Cross Listing(s): PUBH 7991.

PUBH 7999 Thesis
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Requires the completion of an independent research project in the preferred field requiring the defense of the design, methods, analysis and interpretation of the data.
PUBH 8130 Advanced Topics in Biostatistics  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course provides an overview of advanced biostatistical descriptive  
and inferential methods including multiple regression, logistic regression,  
longitudinal data, survival analysis, and repeated measures with  
applications to public health and biomedical studies. Emphasis will be  
placed on developing statistical reasoning and critical thinking skills in  
addition to programming skills using statistical software (SAS) to analyze  
public health and biomedical data.  
Prerequisite(s): A minimum grade of "B" in PUBH 8130.  

PUBH 8132 Environmental and Occupational Health  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is designed to reinforce basic concepts of environmental  
and occupational health. Students will be exposed to the current impact  
of potential environmental and occupational health and safety hazards.  
Students will also be exposed to current concepts associated with  
environmental and occupational regulatory standards, assessment  
protocols, sampling and monitoring techniques, and remediation  
strategies.  
Corequisite(s): PUBH 8134.  

PUBH 8133 Epidemiologic Methods  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An advanced epidemiology class designed to reinforce epidemiological  
concepts, as well as build a foundation for epidemiologic research in  
public health practice. Specific course content includes observational  
and experimental epidemiologic research methods. Emphasis will also  
be placed on appropriate analytic techniques necessary for biostatistical  
inference.  

PUBH 8134 Health Economics, Policy and the Political Process  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Foundational economic and specific health economic theory, trends,  
market issues, and applications are presented to include health insurance  
and payment theory, processes, and applications. Comparison between  
rational and irrational theory is explored. Evolution of health policy,  
considering past, current and future major legislation and executive  
directives, are explored within the political process.  
Corequisite(s): PUBH 8132.  

PUBH 8136 Theoretical Perspectives of the Social and Behavioral Sciences in Public Health  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course will explore social and behavioral science theories, models,  
and approaches that inform public health research and practice, as  
well as their philosophical foundations. With emphasis on an ecological  
perspective, students will apply relevant theories to understanding  
community health issues and to developing interventions. The course  
also examines social and behavioral determinants of health equity across  
the ecological spectrum. In this course students will gain an enhanced  
understanding of the contributions of the social and behavioral sciences to  
Public Health.  

PUBH 9130 Sampling Methodology  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course focuses on study design and sampling methods as well as  
data analysis of small and large, national and local health surveys and  
vital statistics in order to gain experience describing data using effective  
graphical and numerical methods. Students will use statistical software  
(SAS) to analyze data originating from various national surveys such as  
the National Crime Victimization Survey, National Survey of Drug Use and  
Health, National Assessment of Educational Progress, Behavioral Risk  
Factor Surveillance System, an NHANES. Students will be introduced to  
sampling design, methods of data collection, nonresponse, writing  
and evaluating questions and answers in surveys, survey interviews,  
processing survey data and principles and practices related to ethical  
research.  
Prerequisite(s): A minimum grade of "B" in PUBH 8130.  

PUBH 9132 Community-Based Research in Public Health  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course will familiarize students with concepts, issues, and skills  
needed to conduct community-based Public Health research. Emphasis  
will be placed on utilizing qualitative, quantitative, and mixed methods  
within an ecological theoretical framework. Students will gain an  
understanding of the Community-Based Participatory Research (CBPR)  
approach, amongst others. Power-based issues in research relationships  
and the ethics of community-based research will be discussed. Students  
will learn advocacy skills to catalyze community-level intervention and  
structural change based on research findings.  
Prerequisite(s): A minimum grade of "B" in PUBH 8132 and PUBH 8134.  
Corequisite(s): PUBH 9135.  

PUBH 9135 Public Health, Funding and Grantsmanship  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course will review the major sources of funding for public health  
programs, including public and private sources, and the components of  
successful funding proposals. Students will gain experience in writing  
funding proposals and creating program budgets. Students will learn  
appropriate techniques to planning and writing research grants for large-  
scale and small-scale community projects. As a part of this process,  
students will learn effective means of locating and soliciting funding  
agencies responsible for financing public health activity.  
Prerequisite(s): A minimum grade of "B" in PUBH 8132 and PUBH 8134.  
Corequisite(s): PUBH 9132.  

PUBH 9630 Public Health Doctoral Seminar  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is designed to give doctoral candidates the opportunity to  
determine and refine their dissertation research topics including identifying  
potential dissertation committee members particularly the chair.  

PUBH 9790 Doctoral Preceptorship in Public Health  
1-3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
The doctoral preceptorship/field experience consists of 300 hours of field  
experience under the joint direction of a public health faculty member and  
a qualified specialist working in selected areas of public health. A written  
report specifying activities, products, and outcomes of the experience is  
required upon completion of the preceptorship.  
Cross Listing(s): PUBH 9790S.  

PUBH 9790S Doctoral Preceptorship in Public Health  
1-6 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
The doctoral preceptorship/field experience consists of 300 hours of field  
experience under the joint direction of a public health faculty member and  
a qualified specialist working in selected areas of public health. A written  
report specifying activities, products, and outcomes of the experience is  
required upon completion of the preceptorship.  
Cross Listing(s): PUBH 9790.  

PUBH 9999 Dissertation  
1-9 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
The doctoral dissertation is a culminating experience that requires the  
student to synthesize and integrate knowledge and apply theory and  
principles learned to an area of public health practice within the area of  
concentration. A written product must be submitted and must take the form  
of a manuscript that is suitable for publication in a national-level public  
health journal, a grant proposal, a technical report, a case analysis, or  
other similar document. The dissertation must also be presented and  
successfully defended before the faculty.