

CPH 201 INTRODUCTION TO PUBLIC HEALTH. (3)

This course provides the student with basic knowledge about the discipline of public health. After receiving a philosophical and political orientation to public health, students will begin to acquire functional knowledge of the strategies most often applied in public health practice. Key content areas (such as HIV prevention, maternal and child health, reducing obesity rates, and reducing tobacco addiction) will become focal points for the investigation of these strategies.

CPH 535 DATABASES AND SAS PROGRAMMING. (3)

Students will learn how to construct and maintain databases with applications to public health. They will also learn how to program in SAS, the leading statistical analysis system. SAS skills include report writing, MACRO writing, and Programming using SAS Intranet. Lecture, two hours; laboratory, two hours per week. Prereq: STA 291 or equivalent.

CPH 601 ENVIRONMENTAL HEALTH. (3)

An introduction to the theory and practice of assessing, correcting, controlling, and preventing environmental health hazards that may adversely affect the health of current and future generations. Prereq: Undergraduate chemistry and biology, or permission of instructor. (Same as ES 620.)

CPH 602 OVERVIEW OF THE HEALTH CARE DELIVERY SYSTEM. (3)

An introduction to the health care delivery system in the United States, including its composition, functioning, the interrelationships of organizations and professional groups within the system in various settings, health care terminology, and major problems and issues in the delivery of health services. Prereq: MHA/MPA program status.

CPH 604 PUBLIC HEALTH AND DISEASE PREVENTION. (3)

This course will introduce students to issues of public health and populations health status. Principles of disease prevention and the focus on population health will be explored. The behavior of population is a major variable in health outcomes. Behavior models resulting in positive health will be introduced. Prereq: Admission to MPH program or permission of instructor.

CPH 605 EPIDEMIOLOGY. (3)

This is an initial graduate level course in the principles of epidemiology and applications in preventive medicine and environmental health. The course consists of lectures and informal discussions. Principles and methods of epidemiologic research with a focus on issues of study design and analysis will be presented. Prereq: Graduate student in good standing in the MPH program, MSPH program, or community health nursing, or consent of instructor.

CPH 608 PUBLIC HEALTH CAPSTONE. (3)

To be successful in the M.P.H. degree program and the profession, students are expected to demonstrate excellence in communication skills both orally and in writing. The “manuscript” format for the capstone project is intended to familiarize students with the rigors of preparing manuscripts for professional journals. This course provides course credit for students who successfully complete the M.P.H. capstone project and oral final examination. May be repeated to a maximum of six credits.

CPH 609 PUBLIC HEALTH PRACTICUM. (3 or 6)

The public health practicum is designed as an integrative experience in the workplace. The practicum is an opportunity to apply classroom theories and methods under the guidance of an experienced public health practitioner with faculty oversight. Prereq: Admission to MPH program or permission of instructor.

CPH 610 INJURY EPIDEMIOLOGY AND CONTROL. (3)

The epidemiological basis for understanding the distribution and determinants for traumatic injury and poisonings including both intentional and unintentional events. Topics include sources of data, methodological approaches to studying injuries, evaluation of injury interventions and the link between epidemiology and public health policy impacting injuries. Prereq: PM 620 and/or permission of instructor.

CPH 611 ADVANCED EPIDEMIOLOGY. (3)

This course provides specialized epidemiologic content and method designed to meet the research and practice needs of health professionals. Practice-based problem sets and hands-on computer assignments will complement this seminar-oriented course, focusing on the role of epidemiology in the prevention of disease and injury. Prereq: CPH 605 or consent of instructor. (Same as PM 621.)

CPH 612 INFECTIOUS/EMERGING DISEASES EPIDEMIOLOGY. (3)

The theory/concepts of infectious diseases epidemiology, such as epidemic modeling expostulated through a systematic study of the more recent emerging diseased. Prereq: Enrollment in a Public Health degree program or consent of instructor.

#CPH 613 MOLECULAR EPIDEMIOLOGY, CANCER PREVENTION AND CONTROL. (3)

This course consists of didactic lectures, journal clubs, and small group round table discussions related to the principles of underlying biomarker discovery and development for cancer prevention and control. The overarching goal of this course will be to assess how biomarkers are developed and used for the risk assessment, early detection, diagnosis, prognosis, and theragnosis of cancer. Prereq: CPH 605 or consent of instructor.

CPH 614 MANAGERIAL EPIDEMIOLOGY. (3)

This course applies and integrates the principles and tools of epidemiology to the decision-making process in health care management. Prereq: Enrollment in a Public Health degree program and CPH 605/PM 620, or consent of instructor.

#CPH 615 CANCER EPIDEMIOLOGY. (3)

This course applies and integrates the principles and tools of epidemiology to the study of cancer. The course includes discussion of the burden of various kinds of cancer across the United States and the world by age, gender, and race/ethnicity, the underlying biology behind the development of cancer in humans, cancer surveillance, the epidemiology of various kinds of cancer by category of major risk factors such as human behavior (e.g. smoking and alcohol use), endogenous/exogenous hormones, viruses, environmental/occupational, and diet, and sources of data and methods for evaluating cancer screening, measuring the impact of risk factors, determining the incidence of cancer and cancer clusters, measuring patterns of care, and understanding the determinants of survival. Prereq: CPH 605 or consent of instructor.

CPH 616 CARDIOVASCULAR DISEASE EPIDEMIOLOGY. (3)

This course is designed to study and evaluate the broad array of epidemiologic studies on cardiovascular disease and the impact on prevention policy. Prereq: Enrollment in a Public Health degree program, CPH 605/PM 620 - Introduction to Epidemiology, or consent of instructor.

CPH 617 ENVIRONMENTAL/OCCUPATIONAL EPIDEMIOLOGY. (3)

A study of work-related and environmental exposures and hazards associated adverse health outcomes. Integrating the fields of occupational and environmental epidemiology. Prereq: Enrollment in a Public Health degree program and CPH 605/PM 620 or consent of instructor.

CPH 618 EPIDEMIOLOGY OF AGING. (3)

This course introduces the application of epidemiologic methods to the study of older persons. Prereq: Enrollment in a Public Health degree and CPH 605/PM 620 Intro to Epidemiology and GRN 650, or consent of instructor. (Same as GRN 618.)

CPH 630 BIostatISTICS II. (3)

Students will learn statistical methods used in public health studies. This includes receiver operator curves, multiple regression logistic regression, confounding and stratification, the Mantel-Haenzel procedure, and the Cox proportional hazardous model. Lecture, two hours; laboratory, two hours per week. Prereq: STA 580 or equivalent. (Same as STA 681.)

CPH 631 DESIGN AND ANALYSIS OF HEALTH SURVEYS. (3)

Students will learn design and analysis issues associated with well-known national health surveys, including reliability and validity of measurements, instrument validation, sampling designs, weighing of responses, and multiple imputations. Students will learn how to use statistical software to analyze data from complex survey designs. Lecture, two hours; laboratory, two hours per week. Prereq: STA 580 or equivalent.

CPH 632 MIXED MODELS IN PUBLIC HEALTH. (3)

Students will learn statistical techniques for analyzing those longitudinal studies in public health that involve repeated measures and random effects. This course will cover multilevel regression models, Poisson regression models, logistic Models with random effects, crossover experiments, and nonlinear pharmacokinetic models. Lecture, two hours; laboratory, two hours per week. Prereq: STA 580 or equivalent.

CPH 636 DATA MINING IN PUBLIC HEALTH. (3)

This course concerns statistical techniques for and practical issues associated with the exploration of large public health data sets, the development of models from such data sets, and the effective communication of one's findings. Prereq: STA 570 or 580 and CPH 535, or consent of instructor.

#CPH 639 COMPUTING TOOLS FOR THE BIOMEDICAL SCIENCES. (3)

This course is an introduction to statistical and epidemiologic software technologies commonly used for the collection, management, and analysis of data. Prereq: STA 580 or consent of instructor and basic computer literacy. (Same as BST 639.)

CPH 644 RURAL HEALTH DISPARITIES. (3)

Through class meetings, course readings, and assignments, this course will provide students with a comprehensive overview of issues pertaining to health disparities of rural populations by examining current programs and policies, relevant literature, public health practice, and quantitative and qualitative research pertaining to the health and well-being of rural populations.

CPH 645 FOOD SYSTEMS, MALNUTRITION AND PUBLIC HEALTH. (3)

Exploration of the role of the global food system in shaping food consumption and the implications for public health. Prereq: Enrollment in College of Public Health or consent of instructor.

CPH 646 SPECIAL TOPICS IN BEHAVIORAL HEALTH: (Subtitle required). (1-3)

This course will engage students in readings, projects, lectures and/or discussions to address current topics of special interest or concerns. May be repeated to a maximum of 6 credit hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 647 RESEARCH METHODS FOR PUBLIC HEALTH. (3)

This course provides the student with basic knowledge about the design and analysis of research in the field of health behavior. The theory, design, applications, and analytic strategies used for various types of research are presented in a sequential format. Goals of the course include: 1) gaining the ability to critically evaluate research in health behavior 2) achieving competence in research methodology, and 3) understanding the conceptual application of analytic techniques to data. Prereq: M.P.H., Dr.P.H., or Ph.D. in public health student or permission of instructor.

CPH 648 HEALTH AND CULTURE. (3)

This course will help the learner understand differences in minority populations in order to help build and lobby for the infrastructure needed to prevent excess disease and death among underserved populations. A special emphasis in this class will be placed on understanding the role of culture in influencing the adaptation of health attitudes, practices, and behaviors. An additional focus will be placed on health status, current trends, and health indicators for special populations. Prereq: Graduate student in Public Health and others by instructor permission.

CPH 649 INDEPENDENT STUDIES IN HEALTH BEHAVIOR. (1-3)

Designed for advanced students with research or special study interest in Behavioral Health. Students are under guidance and confer individually with faculty. May be repeated to a maximum of 6 credit hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 650 MANAGEMENT OF PUBLIC HEALTH ORGANIZATIONS. (3)

This course teaches the theories and practice of administration as they are applied in public health settings. It addresses knowledge and applications of the functions of public health management and their relationship to organizational effectiveness. Prereq: HSM/HA 601/PA 671/CPH 602 or consent of instructor.

CPH 652 FINANCE MANAGEMENT FOR HEALTH CARE DELIVERY/PUBLIC HEALTH ORGANIZATION. (3)

This course is an overview of financial practices in public health care organizations, including government, non-profit, insurance and direct providers. Prereq: Enrollment in a Public Health degree program and CPH 602/HSM 601, or consent of instructor.

CPH 653 PUBLIC HEALTH LAW AND POLICY. (3)

Overview of public health law with emphasis on topics and materials used by public health practitioners, as well as the use of law to advance a public health agenda. Prereq: Public Health graduate standing; CPH 663, or consent of instructor.

CPH 655 PUBLIC HEALTH ACCOUNTING AND FINANCE. (3)

This course is designed to introduce the use of accounting and financial management techniques in the management of public health organizations. Emphasis will be on the use of accounting and financial information to achieve management functions such as planning, staffing, organizing, controlling, and directing. Prereq: Enrollment as an MPH student.

CPH 658 PUBLIC HEALTH ECONOMICS. (3)

This course describes the role and methods of economics as applied to public health care delivery in the United States. Prereq: Enrollment in a Public Health degree program, CPH 602/HSM 601, or consent of instructor.

CPH 660 GIS AND PUBLIC HEALTH. (3)

This course will introduce students to the ArcView Geographic Information System (GIS) to map and spatially analyze public health data. Prereq: Public Health graduate student or permission of instructor.

CPH 661 BIOETHICS FOR PUBLIC HEALTH PROFESSIONALS. (3)

This course will engage students in readings, projects, and discussions to address controversial issues of bioethics for public health professionals. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 662 PUBLIC HEALTH RESPONSE TO TERRORISM, DISASTERS AND EMERGENCIES. (3)

This course will focus on the public health concepts, history, methods, planning, and response preparedness to weapons of mass destruction, terrorism, natural and human-made disasters, and other health emergencies. Prereq: Enrollment in a Public Health degree program and CPH 605, or consent of instructor.

CPH 663 PUBLIC HEALTH PRACTICE AND ADMINISTRATION. (3)

This course is to be a practical application of the principles of health care organization to public health at the national, state, and local levels. Prereq: Health care organization course.

CPH 664 DESIGN AND ANALYSIS OF CLINICAL TRIALS. (3)

This course will introduce the fundamental concepts used in the design of Phase I/IV clinical trials and statistical methodology associated with trial data analysis. Prereq: STA 570 or permission of instructor.

CPH 665 ETHICAL ISSUES IN CLINICAL RESEARCH. (3)

Based on NIH guidelines for Responsible Conduct of Research, this course will present ethical and regulatory guidelines for conducting clinical research. Prereq: Participation in curriculum leading to Graduate Certificate in Clinical Research Skills, or permission of instructor. (Same as PHR 665.)

CPH 666 PRACTICUM IN CLINICAL RESEARCH I. (1)

This course for participants in the curriculum leading to the Graduate Certificate in Clinical Research Skills includes participation in a mentored research experience with the final goal of a presentation at a local program-specific retreat; attendance at monthly journal club meetings, two annual retreats, and special seminars; and completion of research reports. Prereq: Participation in curriculum leading to the Graduate Certificate in Clinical Research Skills.

CPH 667 PRACTICUM IN CLINICAL RESEARCH II. (1)

Participants working toward Graduate Certificate in Clinical Research Skills earn credit for associated activities and an abstract for a national meeting. Prereq: Participation in curriculum leading to Graduate Certificate in Clinical Research Skills.

CPH 668 PRACTICUM IN CLINICAL RESEARCH III. (1)

Participants working toward Graduate Certificate in Clinical Research Skills earn credit for associated activities and a journal article or funding proposal. Prereq: Participation in curriculum leading to Graduate Certificate in Clinical Research Skills.

CPH 669 METHODS AND TECHNOLOGIES IN CLINICAL AND TRANSLATIONAL SCIENCE.

(3)

This overview course is designed to introduce the student to the major methods and technologies of clinical and translational science. The course will consist of 14 presentations followed by open discussion of the presentation and assigned readings by class members. The location of classes may change based on the content of the lecture. Homework assignments will provide experiential opportunities to work with the various methods and technologies. Active participation by all members is expected. Each weekly presentation is designed to provide a general overview of a method or technology commonly used in clinical and translational science. Discussions are intended to integrate the information across traditional disciplinary boundaries. Homework assignments are designed to provide practical experience with the discussion topic. Prereq: Graduate standing. (Same as BSC 731.)

CPH 670 INTERDISCIPLINARY PROTOCOL DEVELOPMENT.

(2)

This course is designed to orient students to leadership and teamwork processes involved in clinical and translational research and to train students to function effectively in team settings. Students will be assigned to multidisciplinary teams with a designated principal investigator. Each team will be assigned to develop an integrated multidisciplinary grant application to address an assigned clinical research topic. Students are expected to apply their knowledge of effective scientific communication, responsible conduct of research, and methods and technologies of clinical and translational science to the grant application. The course will consist of four class periods. The first three classes will consist of an orientation to communication and the role of leadership and teamwork in multidisciplinary clinical and translational research. The final class period will be reserved for a teams organizational meeting. Supplemental team meetings are optional. Each team member will be required to complete an individual five-page research methods report that is integrated into a multidisciplinary research application addressing a clinical research topic assigned to the team under the direction of an assigned principal investigator. Prereq: Graduate standing. (Same as BSC 732.)

CPH 671 SEMINAR IN CLINICAL AND TRANSLATIONAL SCIENCE.

(1)

This seminar course is designed to orient students to clinical and translational research community and activities at the University of Kentucky and to incorporate a multidisciplinary cooperative approach to clinical and translational research. Students are expected to apply their knowledge of effective scientific communication, responsible conduct of research, and methods and technologies of clinical and translational science to ongoing discussions. The course will consist of seven evening seminars focusing on different topics of clinical and translational research. Students will be required to present a description of their research interests and activities during one seminar. Homework assignments will require students to summarize the key elements of each seminar as related to clinical and translational research and the relevance of these issues to their own research interests and career plans. Active participation by all members is expected. Prereq: Graduate standing. (Same as BSC 733.)

CPH 695 PUBLIC HEALTH PRACTICE THROUGH SERVICE LEARNING.

(3)

This course will provide students the opportunity to gain first hand public health experience by participating in projects in a community setting, completing a project, and participating in a series of seminars. Lecture, two hours; laboratory, two hours per week. Prereq: Enrollment in a Public Health degree program and completion of the core curriculum, or consent of instructor.

CPH 701 CURRENT ISSUES IN PUBLIC HEALTH.

(1)

This seminar course will introduce M.S. and Ph.D. students to the critical role of public health in protecting, maintaining, and improving the health of the population. Specific emphasis will be directed to the "Ten Essential Functions of Public Health" through weekly lectures, readings, and writing assignments. While all five core areas of public health will be introduced. Prereq: Admission to College of Public Health M.S. or Ph.D. program.

#CPH 709 GLOBAL HEALTH INTERNSHIP.

(3)

This course will consist of an internship in a foreign country, preferably in a resource-limited setting. Students will have both a University of Kentucky and a local mentor, and will develop a plan for participating in some type of health-related project or activity during a four-week period. A paper or presentation summarizing the key components of the internship experience will be submitted upon returning to Lexington. Prereq: Enrollment in the Graduate Certificate in Global Health Program, and completion of the course CPH 751, Introduction to Global Health, or approval from the Director of the certificate.

CPH 711 CHRONIC DISEASE EPIDEMIOLOGY. (3)

A survey course on the leading chronic diseases in the U.S., including cardiovascular disease, cancer and diabetes with focus on surveillance and risk factors. Prereq: Enrollment in a Public Health degree program, CPH 605/PM 620 Introduction to Epidemiology or consent of instructor.

CPH 712 ADVANCED EPIDEMIOLOGY. (3)

Introduction to specialized epidemiologic content areas as well as methods designed to meet the research and practice of health professionals. Lecture, two hours; laboratory, two hours each week. Prereq: Enrollment in a Public Health degree program and CPH 605/PM 621 or consent of instructor.

CPH 718 SPECIAL TOPICS IN EPIDEMIOLOGY: (Subtitle required). (1-3)

This course will engage in readings, projects, lectures and/or discussions to address current topics of special interest or concerns. May be repeated to a maximum of 6 semester hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 719 INDEPENDENT STUDIES IN EPIDEMIOLOGY. (1-3)

Designed for advanced students with research or special study interests in Epidemiology. Students are under guidance and confer individually with faculty. May be repeated to a maximum of 6 semester hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 728 SPECIAL TOPICS IN OCCUPATIONAL/ ENVIRONMENTAL HEALTH: (Subtitle required). (1-3)

This course will engage students in reading, projects, lectures and/or discussions to address current topics of special interest or concerns. May be repeated to a maximum of 6 semester hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 729 INDEPENDENT STUDIES IN OCCUPATIONAL/ ENVIRONMENTAL HEALTH: (Subtitle required). (1-3)

Designed for advanced students with research or special study interest in Occupational and Environmental Health. Students are under guidance and confer individually with faculty. May be repeated to a maximum of 6 semester hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 738 SPECIAL TOPICS IN BIostatISTICS: (Subtitle required). (1-3)

This course will engage students in readings, projects, lectures and/or discussions to address current topics of special interest or concerns. May be repeated to a maximum of 6 credit hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 739 INDEPENDENT STUDIES IN BIostatISTICS. (1-3)

Designed for advanced students with research or special study interest in Biostatistics. Students are under guidance and confer individually with faculty. May be repeated to a maximum of 6 credit hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

#CPH 740 INTRODUCTION TO MATERNAL AND CHILD HEALTH. (3)

This course will acquaint students with the major issues and challenges of working in the area of maternal and child health. Prereq: UK graduate or professional school student status.

CPH 750 LEGAL BASIS OF PUBLIC HEALTH. (3)

Introductory course for non-lawyers in selected aspects of the law relating to public health. Prereq: Enrollment in a Public Health degree program or consent of instructor.

#CPH 751 INTRODUCTION TO GLOBAL PUBLIC HEALTH. (3)

This course will acquaint students with the major issues and challenges for public health in a variety of wealthy, emerging, and impoverished nations and with the impact of local or regional issues on national and/or global levels. Prereq: UK graduate or professional school student status.

CPH 758 SPECIAL TOPICS IN HEALTH SERVICES MANAGEMENT: (Subtitle required). (1-3)

This course will engage students in readings, projects, lectures and/or discussions to address current topics of special interest or concerns. May be repeated to a maximum of 6 credit hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 759 INDEPENDENT STUDIES IN HEALTH SERVICES MANAGEMENT: (Subtitle required). (1-3)

Designed for advanced students with research or special study interest in Health Services Management. Students are under guidance and confer individually with faculty. May be repeated to a maximum of 6 semester hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

#CPH 767 DISSERTATION RESEARCH CREDIT. (2)

Students will enroll in this course to complete their research for their dissertation. Prereq: Approval of DGS.

CPH 768 RESIDENCY CREDIT FOR MASTER'S DEGREE. (1-6)

May be repeated to a maximum of 12 credits. Prereq: All course work toward the degree must be completed.

CPH 778 SPECIAL TOPICS IN PUBLIC HEALTH: (Subtitle required). (1-3)

This course will engage in reading, projects, lectures and/or discussions to address current topics of special interest or concern in public health. May be repeated to a maximum of 6 semester hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

CPH 779 INDEPENDENT STUDIES IN PUBLIC HEALTH. (1-3)

Designed for advanced students with research or special study interests in Public Health. Students are under guidance and confer individually with faculty. May be repeated to a maximum of 6 semester hours. Prereq: Enrollment in a Public Health degree program or consent of instructor.

#CPH 786 DOCTORIAL SEMINAR. (1)

Students will attend colloquium sessions that will supplement the core curriculum with additional application. Prereq: Enrollment in the Ph.D. in Epidemiology and Biostatistics program.

CPH 790 WATER SANITATION AND HEALTH. (3)

Prevention of water-related diseases by appropriate supply and sanitation practices with designs applicable to small systems and rural areas of developing nations. Prereq: Previous college-level courses in chemistry and/or biology, CE 451, or consent of instructor. (Same as CE 655.)

CPH 901 PUBLIC HEALTH DOCTORAL PROFESSIONAL COLLOQUIUM. (1)

Seminar course designed as the integrative introduction, consideration, capstone for the Doctor of Public Health (Dr.P.H.) degree. Offered each semester of enrollment. Prereq: Admission to the Dr.P.H. program.

CPH 910 TOPICS IN ADVANCED EPIDEMIOLOGY AND LABORATORY. (3)

Provides the student with an introduction to advanced epidemiologic content areas as well as methods designed to meet the research and practice needs of health professionals. Lecture, two hours; laboratory, two hours per week. Prereq: Admission to the Dr.P.H. program, completion of MPH/MSPH core or equivalent, or approval of instructor.

CPH 911 PROFESSIONAL SEMINAR IN EPIDEMIOLOGY. (3)

Professional Seminar in Epidemiology is an advanced course in one of the five content areas of public health designed as the link between academic work in epidemiology and application in Public Health practice. Prereq: Admission to the Dr.P.H. program, completion of CPH 910, or approval of instructor.

CPH 920 ADVANCED ENVIRONMENTAL HEALTH. (3)

This professional seminar in Environmental Health is designed to provide comprehensive coverage of the principles upon which the Environmental Health field relies. Prereq: Admittance into the Dr.P.H. curriculum.

CPH 921 PROFESSIONAL SEMINAR IN ENVIRONMENTAL HEALTH. (3)

Designed as the link between academic work in environmental health and application health practice, and to prepare the student for a leadership role in public health. Prereq: Admission to the Dr.P.H. program, completion of MPH/MSPH core or equivalent, or approval of instructor.

CPH 930 ADVANCED BIOSTATISTICAL METHODS IN PUBLIC HEALTH. (3)

The study of advanced topics in biostatistics for the public health professional emphasizing concepts over methodology. Prereq: Admission to the Dr.P.H. program, completion of MPH/MSPH core or equivalent, or approval of instructor.

- CPH 931 PROFESSIONAL SEMINAR IN BIOSTATISTICS. (3)**
Designed as the link between academic work in biostatistics and application in public health practice; and to prepare the student for a leadership role in public health. Prereq: Admission to the Dr.P.H. program, CPH 930 , or approval of instructor.
- CPH 940 HEALTH-RELATED BEHAVIORS: MODELS AND APPLICATIONS. (3)**
This course evaluates the use of models of health on related behavior and their applications for intervention in public health problems. Prereq: Admission to the Dr.P.H. program, completion of MPH/MSPH core or equivalent, or approval of instructor.
- CPH 941 PROFESSIONAL SEMINAR IN HEALTH ENHANCEMENT. (3)**
Designed as the opportunity to link academic work in health enhancement with application in public health practice and to prepare the student for a leadership role in public health. Prereq: Admission to the Dr.P.H. program, CPH 940, or approval of instructor.
- CPH 949 DOCTORAL CAPSTONE RESEARCH. (0)**
This course will allow Dr.P.H. students to remain in a full-time enrollment status at the University of Kentucky while working on their doctoral capstone. Enrollment is restricted and by special permission only; students may only register for this course after all for-credit course work has been completed.
- CPH 950 WELL MANAGED PUBLIC HEALTH CARE ORGANIZATION. (3)**
The Well Managed Public Health Care Organization is an advanced course addressing effective senior management of public and private organizations focusing upon public health. Prereq: Admission to the Dr.P.H. program, completion of MPH/MSPH core or equivalent, or approval of instructor.
- CPH 951 PROFESSIONAL SEMINAR IN PUBLIC HEALTH MANAGEMENT AND PRACTICE. (3)**
Designed to link academic work in public health management with application in public health practice, and to prepare the student for a leadership role in public health. Prereq: Admission to the Dr.P.H. program, CPH 950, or approval of instructor.
- CPH 952 SEMINAR IN ADVANCED LEADERSHIP. (3)**
This course provides the opportunity to link academic work in public health leadership with application in public health practice and to prepare the learner for a leadership role in public health. This will be accomplished through readings, case studies, exercises, and individual research relevant to the disciplines of the profession of public health and leadership. Prereq: Enrollment as a Dr.P.H. student or permission of the instructor.
- CPH 953 SEMINAR IN ETHICAL AND MORAL DECISION-MAKING. (3)**
This course provides the opportunity to link academic work in public health decision-making with its application to public health practice and to prepare the learner for the practice of public health decision-making based on ethical and moral principles. This will be accomplished through readings, case studies, exercises, and individual research relevant to the disciplines of the profession of public health decision-making. The period of Nazi Germany 1933-1945 will compose the underlying case study. The seminar will consider in depth the decisions made by Nazi political and military leaders, citizens, religious leaders, concentration camp commanders, guards, and prisoners, physicians, scientists and business leaders. Films will be used extensively in the seminar. Prereq: Enrollment as a Dr.P.H. student or permission of the instructor.
- CPH 954 SEMINAR IN ADVANCED PUBLIC HEALTH FINANCE AND ECONOMICS. (3)**
This course provides the opportunity to link academic work in public health finance and economics with application in public health practice and to prepare the learner for key leadership roles in public health. This will be accomplished through readings, case studies, exercises, and individual research relevant to the disciplines of the profession of public health finance and economics. Prereq: Enrollment as a Dr.P.H. student or permission of instructor and approval of the Associate Dean for Admissions and Student Affairs.
- CPH 955 PLAGUES AND POLITICS. (3)**
This course provides the opportunity to link the political aspects of national and international epidemics and diseases, while understanding the responsibility of the US Public Health Service for developing and implementing policies and procedures for dealing with them.

CPH 995 DOCTORAL SEMINAR IN PUBLIC HEALTH RESEARCH METHODS. (3)

A survey course in a seminar style covering both classical and recent literature in public health services, including description and critique of research. Prereq: HSM 601/CPH 602, STA 570 or 580, and admission to the Dr.P.H. program or post-doctoral fellowship; or consent of instructor.

CPH 996 PUBLIC HEALTH PROJECT OR DISSERTATION RESEARCH. (1-12)

Public health project or dissertation research for residency credit. To be repeated unlimited. Prereq: Completion of the Dr.P.H. Determinative Examination.

CPH 997 DOCTORAL PUBLIC HEALTH FIELD PRACTICUM. (2-4)

Required public health field work is the integrative component of the curriculum and an opportunity to apply and test didactic learning. May be repeated twice. Laboratory, eight to sixteen hours per week. Prereq: Admission to the Dr.P.H. program, completion of MPH/MSPH core or equivalent, second year status, or approval of instructor.

CPH 998 SPECIAL TOPICS IN PUBLIC HEALTH (Subtitle required). (1-4)

Designed to address contemporary topics of significance in the field of public health as well as the study of specific topics and problems. May be repeated three times. Prereq: Admission to the Dr.P.H. program, consent of instructor.

CPH 999 DIRECTED STUDIES IN PUBLIC HEALTH. (1-4)

Study and research on contemporary and specific topics and problems of significance to the field of public health, and the interests of individual students. May be repeated to a maximum of six hours. Prereq: Admission to the Dr.P.H. program, consent of instructor.