

### CPH 505 Reading and Conference

3 credits

*Course Description:* This course is a cultural immersion experience that targets public health in another country, which will be approached from a variety of perspectives. It is being offered in cooperation with an in country sister school. The learning experiences will include: observations of the health care system in public and private settings, community and university clinics, and centers for traditional medicine; didactic seminars on alternative medicine therapies; the role of practicing nurses and other health professionals; overviews of the country's health care system; and opportunities to meet leaders in nursing and the public health care system as well as other students in both formal and informal settings. Field trips to points of cultural interest will also be included.

*Prerequisites:* none

### CPH 507A Current Issues in Public Health

3 credits

*Course Description:* This purpose of this course is to analyze current and controversial issues in public health. The course provides an opportunity to discuss, analyze, make recommendations for, and examine policy outcomes of issues, practices, and current and historically controversial public health events.

*Prerequisites:* none

### CPH 507B International Perspectives on Public Health: *The Experience of Thailand*

3 credits

*Course Description:* This course is a cultural immersion experience that targets public health in Thailand and will be approached from a variety of perspectives. It is being offered in cooperation with Mahidol University in Bangkok, which will organize all learning experiences in country, logistics and accommodations. Learning experiences will include: observations of the Thai health care system in public and private settings, community and university clinics, and centers for Thai traditional medicine; didactic seminars on alternative medicine therapies, the role of health care practitioners in Thailand, and overviews of the Thai health care system. Opportunities to meet leaders of public health in Thailand, as well as, Thai students in both formal and informal settings will also be included. Field trips to points of cultural interest are also an integral part of the experience.

*Prerequisites:* none

### CPH 507B International Perspectives on Public Health: *The Experience of Ecuador*

3 credits

*Course Description:* This course is a cultural and language immersion experience that targets public health in Latin America and will be approached from a multi-disciplinary, community based, and culturally competent perspective. It is being offered in cooperation with Pontificia Universidad Catolica del Ecuador (PUCE) School of Nursing. Learning experiences will include: observations of the health care system in public and private settings, community and university clinics, and centers for traditional medicine; didactic seminars on alternative medicine therapies; the role of practicing nurses and other health professionals; overviews of the country's health care system; Spanish language immersion; and opportunities to meet leaders in nursing and the public health care system as well as other students in both formal and informal settings. Field trips to points of cultural interest will also be included. Participants will live with host families during their stay in Quito.

*Prerequisites:* none

### CPH 509 Graduate Internship in Public Health

6 credits total

*Course Description:* The purpose of the graduate internship is to provide students with a work-related experience designed to integrate theory and practice in an applied setting under supervision. The internship experience permits the student to demonstrate her/his ability to apply knowledge of theory and practice to specific activities in a real-world setting. The internship provides students with a professional experience where they can apply existing and new skills and become more socialized into the field of community/public health. Existing skills are those the student brings from his/her life experience and previous education. New skills include those the student has gained through her/his educational experience in the MPH program. Socialization occurs through mentoring of the student in the work site and professional arena by the preceptor for the internship.

*Prerequisites:* Advanced program standing

### CPH 509B Cultural Competence in Health & Healing Practicum

1 credit

*Course Description:* This course is a practicum that gives students experience with working with an underserved minority group. The learning experiences will include: observations of the primary health care delivery in a community based primary care clinic.

*Prerequisites:* none

#### CPH 510 Research Methods and Evidence Based Practice

4 credits

*Course Description:* The purpose of this course is to enhance students' abilities to comprehend, critique and apply research methodology and research-based evidence in a variety of advance practice settings. Students will locate and critically evaluate evidence generated from quantitative, qualitative, and epidemiological methods, with particular attention paid to statistical significance and clinically meaningful outcomes. Students will transform their own clinical inquisitiveness into practice-based researchable questions and focus on the application of research methods in these clinical settings. Students will also gain experience in using publicly available databases and displaying data in a variety of formats

*Prerequisites:* none

#### CPH 512: Critical Analysis of Health Disparities

4 credits

*Course Description:* This course will critically analyze the complexity of health disparities rooted in multiple levels of historic and contemporary inequities. These levels include health care systems, health policies and health care professionals. The critical thinking process throughout the course will emphasize ethical considerations. Existing multi-level intervention strategies aimed at eliminating health disparities will be assessed, including community-academic partnerships that translate research into action.

*Prerequisites:* none

#### CPH 530 Introduction to Biostatistics

4 credits

*Course Description:* This course covers a broad range of basic statistical methods used in the health sciences. The course begins by covering methods of summarizing data through graphical displays and numerical measures. Basic probability concepts will be explored to establish the basis for statistical inference. Confidence intervals and hypothesis testing will be studied with emphasis on applying these methods to relevant situations. Both normal theory and nonparametric approaches will be studied including one- and two-sample tests of population means and tests of independence for two-way tables. Students will be introduced to one-way analysis of variance (ANOVA), correlation, and simple linear regression. The course focuses on understanding when to use basic statistical methods, how to compute test statistics and how to interpret the results. Computer applications (using SPSS) are included as part of the course to introduce students to basic data management, reading output from computer packages, interpreting and summarizing results.

*Prerequisites:* none

#### CPH 531 Policy Implications of Social Inequality & the Ethical Practice of Public Health

3 credits

*Course Description:* This course explores the social and structural inequalities within our society, locally and globally, and how these inequalities impact policy and ethical practice in public health. The relationship of human rights to health and how human rights cut across law, ethics, and advocacy in public health is examined. The role of a human rights perspective will also be addressed as an important part of international health practice.

*Prerequisites:* none

#### CPH 532 Cultural Competence in Health & Healing

3 credits

*Course Description:* This course improves cultural competence core skills including attention to cultural-linguistic nuance in health screening, improving the ability of public health professionals to pose and answer research questions, redesigning interventions to fit ethnic community environments, and evaluating health policy issues. Improving screening for cancer, diabetes, and heart disease, increasing exercise regularity, reducing toxic exposures, stopping tobacco use, reducing HIV risk, and helping individuals make informed decisions about health care providers are examples of typical public health projects improved by cultural competence. Students develop better interpersonal communication tools for entering multi-ethnic communities to conduct research and interventions.

*Prerequisites:* none

#### CPH 533 Epidemiology Survey

3 credits

*Course Description:* This course provides an introduction to basic concepts and principles of epidemiology. Throughout the course, the student will have the opportunity to apply their knowledge and skills through individual and group exercises to current controversial public health issues. Further, students will evaluate the strengths and weaknesses of an epidemiological study focusing on sources of imprecision, limitations to causality and ethical challenges.

*Prerequisites:* CPH 530 Introduction to Biostatistics

#### CPH 534A Primary Health Care & U.S. Health Disparities

3 credits

*Course Description:* This course will examine the contextual factors of primary health care and health disparities within the US. Current trends will be described and discussed utilizing case study methodology to examine health indicators among the US population. Students will gain an increased understanding of the impact of current trends such as increased negative health outcomes among minority and underserved populations. Students will have an increased understanding of the complexities associated with addressing health disparities in traditional versus community-based primary health care systems in the United States.

*Prerequisites:* none

#### CPH 534B Primary Health Care & International Health Disparities

3 credits

*Course Description:* This course will examine the contextual factors of primary health care and health disparities with a focus on Latin America as an exemplar. Current trends will be described and discussed utilizing case study methodology and an epidemiological approach to examine health indicators between countries. Students will gain an increased understanding of the impact of current trends such as increased obesity rates associated with urbanization. Students will have an increased understanding of the complexities associated with international health disparities and their relationship to the United States.

*Prerequisites:* none

#### CPH 534C Social Determinants of Health Disparities: Latinos in the U.S.

3 credits

*Course Description:* This course will examine the social factors that contribute to health disparities among Latinos in the United States, with a view toward understanding the current state of Latino health issues. Trends will be described and discussed that examine neighborhood and community contextual factors that lead to and/or contribute to health disparities among Latinos. Cultural strengths and resiliency factors of Latinos will be examined; innovative programs and interventions will be highlighted.

*Prerequisites:* none

#### CPH 535 Principles & Practice of Public Health

4 credits

*Course Description:* This course presents several key theoretical principles and practices of Public health. Using a base-based format, the course will examine six competencies of public health practice identified by the Academic Council on Linkages including familiarity with the Core Functions and Essential Services of public health; facility in grant-writing; the relationship of the legal and political systems to public health; interpretation of public health data for public use; pitfalls of policy-making; and the ethics of public health practice and study design. In-depth examination of these issues will prepare the student for leadership roles in community and in public health.

*Prerequisites:* none

#### CPH 536 Community Based Participatory Research

3 credits

*Course Description:* This course develops the skills necessary to conduct Community Based Participatory Research and practices. Review of operating principles includes the central place that communities are accorded as units of identity and as co-equals in research, a process that is perceived by community constituents as not dominated by elitists, an emphasis on long-term commitment by all partners, emphasis on co-learning so that the process flows back and forth, use of exercises that stimulate collective visioning among all partners, incorporation of social ecology approaches as departures for research and practice; use of innovative problem solving approaches; use of multiple methods of data

collection. Topics include community theory, development strategies, promising interventions, group development techniques, community diagnosis, and capacity assessments.  
Prerequisites: none

CPH 537 Principles of Health Behavior  
3 credits

*Course Description:* This overview course is designed to provide students with basic information concerning the interaction of biological, psychological, behavioral, sociocultural, and environmental processes that function in the promotion of health and prevention of disease. Theories developed to explain health and illness behaviors at the intrapersonal, interpersonal, and group/community levels are introduced and critiqued. Ethical considerations inherent to efforts designed to produce health-related behavior change are examined.  
Prerequisites: none

CPH 538 Program Evaluation Using Mixed Methods  
3 credits

*Course Description:* This course focuses on the acquisition of technical skills in design, data collection, and analysis as well as creative problem solving skills in contouring designs to fit with community input and social ecology principles. Adeptness at community consultation as the basis for making adaptations in research, evaluation, and practice designs will be emphasized. Students will have the opportunity to practice an array of research data analysis methods, both quantitative and qualitative.  
Prerequisites: none

CPH539 Concepts of Environmental and Occupational Health  
3 credits

*Course Description:* This course is designed to introduce graduate students in the Oregon MPH program to basic concepts and issues in environmental and occupational health. Environmental and occupational hazards that affect human health are examined in the context of current social, political, and regulatory pressures. Topics include environmental and emerging disease, environmental toxicology, risk assessment, occupational health, food protection, drinking water safety, solid and hazardous waste disposal, indoor and outdoor air pollution, radiation, and pests and pesticides. Global environmental health issues are included as time permits.  
Prerequisites: none

CPH 540 Health Systems Organization  
3 credits

*Course Description:* This course is designed to introduce graduate students in the Oregon MPH Program to basic concepts and issues in the organization, financing, and delivery of health services. The primary focus of this course is the systemic aspects of health services production and delivery. Specialized systems develop to produce, deliver, and finance health services which seek to address the health needs of populations with respect to death, disease, disability, discomfort, and dissatisfaction. Through learning in this course, students will examine the inter-relationships of system structures, subsystems, and processes, as well as their interactions with the larger social, cultural, economic and political environments in which they exist. The emphasis is on using different conceptual models for understanding the current health system, its strengths, and areas for improvement. As a result of this course, students will develop an increased understanding of the organization of health services delivery systems in modern societies: how such systems are and can be organized, financed and managed; how health care resources are and can be produced; how health services are and can be provided, paid for, accessed, and consumed; and how various system configurations can and do affect the outputs and outcomes of those systems. The focus is on the United States, with international comparisons used to illustrate similarities and differences.  
Prerequisites: none