### Public Health Courses (College of Public Health) (CPH)

This is a list of public health courses. For more information, see College of Public Health.

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<td>CPH:3200</td>
<td>Death at Work: Case Studies of Workplace Safety and Health</td>
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**Introductory overview of maternal and infant health concepts, methods, and issues, both domestic and abroad, including contraception and fertility, pregnancy complications, caesarean delivery, maternal and infant morbidity and mortality, and child survival.**
CPH:3210 Nutrition in Public Health 3 s.h. Concepts and methods of obtaining and using food and nutrition information from federal databases and research publications; how food and nutrition knowledge, policy, and research are used for improvement of the health of populations.

CPH:3220 Public Health as a Public Good: Economics and Decision Making in Public Health Systems 3 s.h. Role of government in the economy from a public health perspective; emphasis on the importance of public goods, behavioral economics in public health solutions, and key methods for evaluation of public programs.

CPH:3230 Human Genetics and Public Health 3 s.h. Introduction to human genome and its impact on public health; students learn about public health initiatives and policies that include genetics (e.g., newborn screening, birth defects surveillance, cancer screening). Prerequisites: BIOL:1140 or BIOL:1141 or BIOL:1411.


CPH:3400 Health, Work, and the Environment 3 s.h. Survey of environmental and occupational health hazards and the associated health risks of exposure; how public health protects society from these hazards; how public health policy can be influenced by science. Same as GEOG:3210.

CPH:3500 Global Public Health 3 s.h. Exploration of historical, current, and forecasted trends in global public health, the factors influencing health demographics in human populations, sources of health inequalities, and appropriate policy and intervention approaches for addressing global public health challenges. Same as GHS:3500.

CPH:3600 Applied Public Health Methods 3 s.h. Application of quantitative and qualitative methods used in public health practice and research. Prerequisites: CPH:1600 with a minimum grade of C- and CPH:2600 with a minimum grade of C-.

CPH:3700 Methods for Program Implementation and Evaluation 3 s.h. Introduction of theory and practice of program implementation and evaluation for health care and public health interventions focusing on programs implemented at the community level, including projects in government and nonprofit organizations. Prerequisites: CPH:1600 and CPH:2600.

CPH:3750 Undergraduate Service Learning in Public Health arr. Community service learning experience directly related to goals and objectives of a specific public health course for undergraduate students; faculty-guided planning and reflection; satisfies the experiential learning public health degree requirement for undergraduate public health majors. Recommendations: CPH:2050 strongly recommended.

CPH:3800 Public Health Theories and Society 3 s.h. Examination of public health and social science theories as they relate to socioeconomics, policy, institutions, communities, individual decision making, behavior, and health. Prerequisites: CPH:1400 and CPH:2600.

CPH:3900 Foundations in Public Health Preparedness and Response 3 s.h. Basic concepts and principles used in emergency prevention, preparedness, response, and recovery at the local, state, and national levels with emphasis on roles and responsibilities of public health that align with policies, laws, and systems.

CPH:3999 Undergraduate Research Experience in Public Health arr. Hands-on involvement in scholarly public health research activities under the supervision of faculty or research staff; satisfies the experiential learning degree requirement for undergraduate public health majors. Recommendations: CPH:2050 strongly recommended.

CPH:4200 Agriculture and the Environment 3 s.h. Identification and development of tools to measure environmental and social sustainability of global agricultural practices, including interactions with the environment, social considerations, and the ability of agriculture to support farmers’ livelihoods.

CPH:4210 Making a Difference: Public Health Policy and Advocacy 3 s.h. Important role of policy in health, including policy structures, implementation, advocacy, and evaluation; students focus their work on a policy of their specific interest.

CPH:4220 Global Road Safety 3 s.h. Road safety problem, data sources, research methods used in field, and how intervention and prevention programs are developed and evaluated; lecture, hands-on approaches. Same as GHS:4530, OEH:4530.

CPH:4230 Injury and Violence Prevention 3 s.h. Theory, research, and practice of injury control; unintentional and intentional injuries; local, national, international injury issues. Same as EPID:4510, OEH:4510.

CPH:4240 Special Topics arr. Didactic material in public health; may include tutorial, seminar, or faculty-directed work; may be a special topic or experience taught one time or on a first-time basis.

CPH:4250 Field Experiences in Public Health 1 s.h. Direct involvement in actions being taken at local community level; topics include environmental health, infectious diseases, chronic diseases, and pediatric health; practical examples and hands-on experiences during site visits for topic-specific field investigations. Prerequisites: BIOL:1140 or BIOL:1141 or BIOL:1411. Requirements: biology or microbiology course work. Same as EPID:4314.


CPH:4755 International Perspectives: Xicotepec 2 s.h. Interdisciplinary service-learning course to enrich understanding of Mexican culture and history; students hone teamwork, leadership, cultural sensitivity, cultural humility, and project management skills while developing and carrying out public health projects that address community-identified needs; coordinated with the support of Rotary International.

CPH:4990 Mentored Independent Undergraduate Research in Public Health 3 s.h.
Independent student research project under the supervision of a faculty mentor; satisfies the experiential learning degree requirement for undergraduate public health majors. Prerequisites: CPH:3600. Recommendations: CPH:2050 strongly recommended.

CPH:4999 Public Health Capstone: Practice of Evidence-Based Public Health 3 s.h.
Students in their final year synthesize and apply knowledge through cumulative and integrative activities that serve as a capstone to their educational experience. Prerequisites: CPH:1600 and CPH:2600 and CPH:3600.

CPH:5100 Introduction to Public Health 3 s.h.
Concepts, structures, and activities in public health practice. Offered fall semesters and summer sessions.

CPH:5201 Interprofessional Education and Practice for M.P.H. Students I 0 s.h.
Students gain knowledge and skills in interprofessional practice between health professionals including medicine, pharmacy, dentistry, physical therapy, nursing, health administration, and public health; understanding roles/ responsibilities, values, and ethics across health professions; development of teamwork skills.

CPH:5202 Interprofessional Education and Practice for M.P.H. Students II 0 s.h.
Students gain knowledge and skills in interprofessional practice between health professionals including medicine, pharmacy, dentistry, physical therapy, nursing, health administration, and public health; understanding roles/ responsibilities, values, and ethics across health professions; development of teamwork skills.

CPH:5203 Interprofessional Education and Practice for M.P.H. Students III 0 s.h.
Students gain knowledge and skills in interprofessional practice between health professionals including medicine, pharmacy, dentistry, physical therapy, nursing, health administration, and public health; understanding roles/ responsibilities, values, and ethics across health professions; development of teamwork skills.

CPH:6100 Essentials of Public Health 2 s.h.
Introduction and overview of the scope of public health; emphasis on history, definitions, issues, achievements, and future challenges; examples of public health research and practice.

CPH:6500 Independent Study in Public Health arr.
In-depth pursuit of an area of special interest in public health. Requirements: approval from the College of Public Health.

CPH:6600 Service-Learning in Public Health arr.
Community service learning experience directly related to goals and objectives of a specific public health course; faculty-guided planning and reflection.

CPH:6700 Public Health Emergency Preparedness for Veterinarians and Other Public Health Disciplines 2-3 s.h.
Introduction to public health emergency preparedness from a one health perspective; emergency preparedness from federal, state, and local perspectives; important elements for preparing responders; preparedness information systems and communication techniques.

CPH:7000 M.P.H. Practicum Experience 0-6 s.h.
Comprehensive and integrated application of knowledge acquired in the M.P.H. program in a practice setting; demonstration of professional competence in public health practice. Prerequisites: CBH:4105 and (HMP:5005 or HMP:4000) and EPID:4400 and BIOS:4120 and OEH:4240 and CPH:5100. Requirements: an approved practicum proposal.

CPH:7200 M.P.H. Capstone Experience 2 s.h.
Students gain knowledge and skills in public health practice by working on an interdisciplinary team to solve a real-world public health issue; each student has the opportunity to apply classroom and practical experience received throughout their M.P.H. course work into an integrative experience; students particularly gain skills in advocacy, communication with diverse audiences on public health issues, and the role of different public health disciplines in solving health issues in the community.

CPH:7270 Principles of Scholarly Integrity: Public Health 0-1 s.h.
Training in the responsible conduct of research and scholarly activities; discussion of student/mentor responsibilities in pursuit of scholarly work and intellectual dialogues; responsibilities to the institution/scholarly community/society; public health core discipline examples are utilized.

CPH:7500 M.P.H. Applied Practice Experience 1 s.h.
Comprehensive and integrated application of knowledge acquired in the M.P.H. program in a practice setting; demonstration of professional competence in public health practice.

CPH:7604 Principles of Scholarly Integrity: Public Health - Postdoc/K Awardees 0 s.h.
Training in the responsible conduct of research and scholarly activities; discussion of student/mentor responsibilities in pursuit of scholarly work and intellectual dialogues; responsibilities to institution/scholarly community/society; utilization of public health core discipline examples; for public health postdoc/K awardees.