PUBLIC HEALTH

Public Health web page (https://www.ewu.edu/chsph/public-health/)

Degrees

MPH–Public Health (General Concentration) (https://catalog.ewu.edu/hs/public-health-health-admin/public-health/public-health-mph/)
MPH–Public Health (Health Management and Policy Concentration) (https://catalog.ewu.edu/hs/public-health-health-admin/public-health/public-health-mph/)

Graduate Certificate–Public Health (https://catalog.ewu.edu/hs/public-health-health-admin/public-health/public-health-grad-cert/)

Required courses in these programs of study may have prerequisites. Reference the course description section for clarification.

Public Health Courses

PUBH 500. U.S. HEALTH SYSTEMS. 4 Credits.
Cross-listed: HCAD 500.
Pre-requisites: graduate standing.
This course introduces health delivery systems. Topics covered include various health services delivery models and standards that impact population health, experience of care and per capita costs. Current practices are reviewed.

PUBH 501. FOUNDATIONS AND THEORIES IN PUBLIC HEALTH. 4 Credits.
Pre-requisites: graduate standing.
This course provides a foundational and historical orientation for the public health professional including public health issues, concepts and terminology. Theoretical frameworks and program development skills that support the public health generalist are examined.

PUBH 510. BIOSTATISTICS. 4 Credits.
Pre-requisites: graduate standing.
This course covers the tools needed to collect, analyze, and display data using software. Quantitative and qualitative analysis of biological data is explored. Software is used to apply the collection, analysis, and display of data in all areas of public health.

PUBH 519. HEALTH SYSTEMS FINANCE AND GOVERNANCE. 4 Credits.
Cross-listed: HCAD 520.
Pre-requisites: graduate standing.
This course challenges students to understand both the healthcare financial responsibilities and governance oversight for health systems. The student will learn the financial operations and governance to help any organization be successful. The modules, taking a practical approach, will cover subject matters such as; financial operations, revenue cycle management, budgeting, hierarchical reporting process and expectations, governance and regulatory compliance.

PUBH 540. HEALTH POLICY AND LAW. 4 Credits.
Pre-requisites: graduate standing.
This course begins with an overview of common policy perspectives, before moving on to discuss major relevant policy issues in the United States healthcare system and elsewhere. Healthcare policy impacting private and public entities including Medicare, Medicaid, Department of Defense, Veterans Administration, Indian Health Services are examined. The course concludes with an examination of influencing policy development, including media and community initiatives.

PUBH 560. EPIDEMIOLOGY. 4 Credits.
Pre-requisites: admission to MPH program.
This course provides students with the foundations of epidemiology, including its principles, concepts, and methods of epidemiologic practice; design, interpretation and evaluation of epidemiologic investigation. The course prepares the student to apply epidemiologic concepts to solve public health problems.

PUBH 564. ENVIRONMENTAL AND OCCUPATIONAL HEALTH. 4 Credits.
Pre-requisites: graduate standing.
This course focuses on environmental and occupational health and epidemiology. An examination of human-environment interactions and the Anthropocene concept as well as environmental influences on health and occupational health.

PUBH 565. HEALTH EQUITY AND ADVOCACY. 4 Credits.
Pre-requisites: graduate standing.
This course examines the impacts of social determinants of health among local, national, and global populations. Attention to how race, class, power, wealth, structural bias, racism, and sexism undermine health is incorporated as a personal exploration of cultural competence. Students explore mitigating health inequities from a micro and macro lens.

PUBH 572. BIOLOGICAL AND RADIOLOGICAL INCIDENTS. 4 Credits.
Pre-requisites: graduate standing.
Using a systems-based approach to explore public health responses to biological and radiological incidences. Attention is given to legal, governance and ethical dimensions of risk management in vulnerability assessment. Emergency planning and preparedness for 'major incidents' are a foci.

PUBH 573. PROGRAM PLANNING, EVALUATION AND PROCESS IMPROVEMENT. 4 Credits.
Pre-requisites: graduate standing.
This course addresses development of core competencies needed to plan, implement and evaluate public and community health interventions. Students are introduced to a range of theories, evidence-based strategies, and resources critical to effective public health practice.

PUBH 575. PUBLIC HEALTH IN THE ERA OF SOCIAL MEDIA. 4 Credits.
Pre-requisites: graduate standing.
This course presents concepts of social media and technology from a public health perspective. Students develop strategies in public health promotion utilizing various online platforms. Content includes graphic design, foundations of color, typography, ideas, concepts & forms, and various social media platforms.

PUBH 582. LEADERSHIPS, ETHICS, AND PROFESSIONALISM IN PUBLIC HEALTH. 4 Credits.
Pre-requisites: graduate standing.
This course explores professionalism, ethics, and leadership in the Public Health profession. Content is designed for application for future leadership roles.

PUBH 583. HEALTH MANAGEMENT AND HEALTH INFORMATICS. 4 Credits.
Pre-requisites: enrolled in the MPH program.
This course introduces concepts, methods, and issues related to the application of health information for surveillance and management of population health. The concept of public health informatics differs from other areas of health informatics because it is focused on the application of existing data for promotion of health and disease prevention in populations and communities. The course consists of instructor lectures and student participation using a seminar format.

PUBH 584. HEALTH POLICY AND COMPARATIVE HEALTH SYSTEMS. 4 Credits.
Pre-requisites: enrolled in the MPH program.
This course explores, from an international comparative perspective, the challenges in the U.S. health care system in providing adequate access to medical services for all, the control of rising health care costs, and the assurance that the quality of health care services is high and improving. The textbook, readings, lectures, and class discussions will focus on the organization and financing of health systems in wealthy nations.

PUBH 585. CONTEMPORARY PUBLIC HEALTH RESEARCH METHODS AND GRANT WRITING. 4 Credits.
Pre-requisites: graduate standing.
This course focuses on the skills to conduct contemporary public health research and grant submission. Students develop an Integrative Learning Experience proposal including a review of the literature.

PUBH 586. HEALTHCARE FINANCIAL MANAGEMENT. 4 Credits.
Pre-requisites: enrolled in the MPH program.
This course provides a practical understanding of the basic financial and budgeting concepts and tools used by healthcare organizations. A basic refresher on accounting terminology and principles is included. Additionally, the course covers cost concepts, the financial market, financial analysis, management of capital institutional budgeting, decision analysis, and emerging issues in healthcare finance.

PUBH 587. HUMAN RESOURCE MANAGEMENT. 4 Credits.
Pre-requisites: enrolled in the MPH program.
A comprehensive human resource management course that develops student understanding of the employer-employee relationship and includes the major human resource management functions. Topics include job analysis, job descriptions, employee recruitment, selection and training, salary administration, performance appraisals, and collective bargaining.

PUBH 588. PUBLIC POLICY ANALYSIS. 4 Credits.
Pre-requisites: enrolled in the MPH program.
Introduces the economic, political, and social forces that shape public policy along with methods of analyzing policy alternatives.

PUBH 589. PUBLIC HEALTH AND HEALTH CARE REFORM. 4 Credits.
Pre-requisites: enrolled in the MPH program.
This course provides a rigorous understanding of the current American health care system and how it is likely to evolve over the next decade. The course focuses on: the development of the current health care system; challenges of health care costs, quality, and access; lessons of previous attempts to reform the system including the Affordable Care Act (ACA); analysis of current policies regarding provider payment, technology, and electronic health records.

PUBH 593. APPLIED PRACTICE EXPERIENCE. 4 Credits.
Pre-requisites: graduate standing.
This experiential course serves as a formative and reflective opportunity for students to apply their knowledge and learned behaviors in a chosen practical experience. Students create a learning plan to implement an applied practice experience that results in a quality work products that demonstrate meeting competence as a public health generalist.

PUBH 601. MPH PORTFOLIO. 4 Credits.
Pre-requisites: enrolled in last term of MPH program.
This is the culminating course for achieving a Masters in Public Health. Students defend their Integrative Learning Experiences, document their Applied Practice Experiences, and verify meeting all program competencies. Students reflect on these learning experiences through development and submission of an electronic portfolio. Through successful completion of this e-portfolio students effectively demonstrate meeting all CEPH accreditation requirements for a MPH generalist degree.

PUBH 695. INTERNSHIP. 4 Credits.
Pre-requisites: instructor permission and enrolled in MPH program.
Student arranges an internship to fulfill the MPH Applied Practical Experience.