

# PUBLIC HEALTH (PUBH)

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## **PUBH 678 - Transforming Health Care for the Future (1 Credit)**

Foundation for beginning health professions students to gain an understanding of the complexities of the health care system through experiential activities conducted in interprofessional teams and the importance of interprofessional collaboration in order to improve the system.

**Cross-listed course:** SOWK 678

## **PUBH 700 - Perspectives in Public Health (3 Credits)**

Seminar-format orientation to history, mission, and core services and disciplines of public health to develop understanding of current public health practice and how many health-related disciplines contribute to achieving public health goals.

## **PUBH 710 - Ethics and the Health Sciences (1-4 Credits)**

Students are introduced to formal and informal codes of professional conduct of various health science disciplines and understand the implications of these distinctions for interdisciplinary research, clinical practice, and administration.

## **PUBH 725 - Quantitative Methods for Public Health Practice (5 Credits)**

Introduction to epidemiology and biostatistics and their application to public health issues and practice. Covers basic epidemiologic, biostatistical, and data management techniques used to analyze and interpret data in the field of public health.

## **PUBH 726 - Qualitative Methods for Public Health Practice (3 Credits)**

An introductory course on why, when, and how to apply qualitative data collection and analysis methods to public health activities with a focus on practice-based application. Identifying, working with, and communicating with a range of community stakeholders are also discussed.

## **PUBH 730 - Public Health Systems, Policy, and Leadership (3 Credits)**

A course on public health management and policy process and advocacy to develop effective public health leaders. Included is an emphasis on the relationships between people and their environment and the impact of the environment on human health and well-being.

**Prerequisites:** PUBH 725 and PUBH 726.

## **PUBH 735 - Practical Applications of Public Health Planning (4 Credits)**

A practical approach to planning public health programs through the application of planning frameworks and the exploration of fundamental issues in planning, implementing and evaluating programs in various settings addressing diverse populations and issues.

**Prerequisites:** PUBH 725 and PUBH 726.

## **PUBH 743 - Foundations of Health Disparities (3 Credits)**

Evolution of health disparities from historical, public, social, economic, and political perspectives.

## **PUBH 791 - Special Topics Public Health (1-3 Credits)**

The purpose of this course is to provide the student of public health a clear understanding of public health history as a key component of the environment in which the any health professional must function. The course content will begin in prehistory and have a worldwide perspective through the 1700s. It will then shift to the history of the United States. In the historical, social, economic, and political context that the US public health and health care systems evolved are lessons and understandings that are necessary for this generation of health administrators and health policy makers to advance health for all. The first part of the course will examine the impact of disease on world history through the 18th century. The second and third parts of the course will present, from a historical perspective, the evolution of public health and health care delivery in the United States.

## **PUBH 798 - Public Health Practice (1-6 Credits)**

Limited work experience or service project in an approved public health setting.

**Prerequisites:** BIOS 700 or BIOS 701 and EPID 700 or EPID 701.

## **PUBH 810 - Ethics in Public Health Research and Practice (1 Credit)**

Foundations of public health ethics with application to practice and to responsible conduct of research in public health disciplines. Enrollment restricted to Doctoral students & post-docs, master's students by permission of instructor.