

# PUBLIC HEALTH (PUBH)

**Correction: Added UC Transfer status to PUBH 23 and 25 10/20/2025.**

## **PUBH 20 History of Western Medicine**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

**Prerequisite:** *Eligibility for (ENGL C1000 or ENGL 1A) or (ENGL C1000H or ENGL 1AH) or AMLA 1A.*

Examines the contributions made to the art and science of medicine from Hippocrates to the present day. Emphasis is placed on early Greek and Islamic contributions in early history, medicine in the Renaissance, the scientific revolution, and the growth and development of medical education and medicine as a profession.

## **PUBH 22 Introduction to Epidemiology**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

**Prerequisite:** *PUBH 24 and (STAT C1000 or MATH 110) or (STAT C1000H or MATH 110H)*

Epidemiology and biostatistics as applied to public health problems. Examines the distribution and determinants of disease, health conditions, and events as they occur in populations. Topics covered include measures of disease frequency, study design, measures of association, causality, epidemiologic investigation, and application of study results in shaping policy effecting health services, screening, genetics, and public and environmental health.

## **PUBH 23 Women's Health**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

**Prerequisite:** *(ENGL C1000 or ENGL 1A) or (ENGL C1000H or ENGL 1AH) or AMLA 1A and PUBH 24*

This course analyzes the biological, psychological, and sociocultural aspects of women's health, and explores health services, health education, and healthcare delivery systems. Social determinants of health and health inequities are examined, as well as contemporary issues relating to LGBTQ + rights, racism, ageism, gender stereotypes and gender roles, politics, and the role of women in the family, workforce, community, and society. A historical perspective of women's past and present personal and social concerns as they apply to women's health is emphasized. Strategies for social and political change are developed.

## **PUBH 24 Introduction to Public Health**

**3 Units** (Degree Applicable, CSU, UC, C-ID #: PHS 101)

Lecture: 54

**Prerequisite:** *Eligibility for (ENGL C1000 or ENGL 1A) or (ENGL C1000H or ENGL 1AH) or AMLA 1A*

Organization and function of public health including the philosophy, purpose, history, organization, function, tools, activities, and outcomes of public health practice at the global, national, state, and community levels. Instruction prepares students to identify and assess important national and international problems and ethical issues facing public health today.

## **PUBH 25 Public Health and Social Justice**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

**Prerequisite:** *PUBH 24*

This public health course provides an introduction to the health inequities in the United States that stem from unequal living conditions as described in the social determinants of health. Students will explore how education, socioeconomic status, racism, and gender shape health epidemics and policy development. Fundamental theories to advocate for health and social justice will be explored, and community organizing approaches will be practiced. May not receive credit for both SOC 160 and PUBH 25.

## **PUBH 26 Introduction to Global Public Health**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

**Prerequisite:** *PUBH 24 and ((STAT C1000 or MATH 110) or (STAT C1000H or MATH 110H) or PSYC 10 or SOC 23 or BUSC 17))*

**Advisory:** *Eligibility for READ 100*

Health and disease in terms of global processes and socioeconomic influences, including poverty, migration, urbanization, environmental change, culture and behavior, and economic interdependence. Major communicable and noncommunicable diseases will be considered as well as health inequities and the impact of global health on public health policy.

## **PUBH 27 Public Health and the Environment**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

**Prerequisite:** *PUBH 24*

Environmental health is the field that investigates the biological, chemical, and physical influences on human health. The course focuses on issues of environmental exposures, resulting health effects, and appropriate controls for these hazards. Emphasis is placed on food safety, pests and pesticides, air quality, global climate change, water quality, wastewater, solid and hazardous wastes, industrial hygiene, and radiation.

## **PUBH 28 Public Health and Bioethics**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

**Prerequisite:** *PUBH 24*

Ethical theories and current ethical issues in public health and health policy including resource allocation, the use of summary measures of health, the right to health care, patient rights and consent, and conflicts between autonomy and health promotion efforts.

## **PUBH 29 Public Health Microbiology**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

**Prerequisite:** *PUBH 24 and (MICR 1 or MICR 22)*

Diversity and properties of microbial agents that impact public health. Environmental factors that affect the occurrence, distribution, and impact of these agents on the community and the world, such as water quality and food production.

**PUBH 30 Infectious Disease Epidemiology and Outbreak Investigation**

**3 Units** (Degree Applicable, CSU, UC)

Lecture: 54

**Prerequisite:** *(MICR 1 or MICR 22) and (PUBH 24) and (PUBH 29) and ((STAT C1000 or MATH 110) or (STAT C1000H or MATH 110H) or PSYC 10 or SOC 23)) and Eligibility for (ENGL C1000 or ENGL 1A) or (ENGL C1000H or ENGL 1AH) or AMLA 1A*

This course applies major concepts and principles in public health and infectious diseases epidemiology to the training of future "disease detectives" in field epidemiology and outbreak investigation for the detection, prevention, and containment of epidemics on a local, national, and global level.

**PUBH 99 Special Projects in Public Health**

**2 Units** (Degree Applicable, CSU)

Lecture: 36

**Prerequisite:** *Instructor permission.*

To offer selected students recognition for their academic interests and ability and the opportunity to explore their disciplines to greater depth, the various departments from time to time offer Special Projects courses. The content of each course and the methods of study vary from semester to semester and depend on the particular project under consideration. Instructor authorization needed prior to enrollment. This course focuses on academic interest in projects pertaining to public health.