

PUBLIC HEALTH (PUBH)

PUBH 10100: INTRO TO PUBLIC HEALTH:UD: 4 Hour(s)

INTRODUCTION TO PUBLIC HEALTH:UD ~ This course will offer an overview of the basic concepts of public health. Health systems - both in the U.S. and abroad- will be detailed, with special attention to the essential services they provide. Past public health events will be examined, giving students a framework to analyze current issues in the news. Through a mixture of guest speakers, discussions, and case studies, students will develop a strong grasp of this multidisciplinary field, and the core philosophy and functions of public health.

Core: Understanding Diversity Home

PUBH 20100: EPIDEMIOLOGY&BIOSTATISTICS:MM: 4 Hour(s)

EPIDEMIOLOGY AND BIOSTATISTICS:MM ~ This is a beginning course in applied epidemiology and biostatistics. The course will introduce the essential models used to analyze and interpret the distribution and determinants of disease in a population. It is designed to give students a general introduction to epidemiological and statistical principles that help professionals investigate health in a population, and determine what increases (and decreases) the risk of disease. Students will be introduced to the many models used in health research, their purpose, and how to apply them to their own research ideas. Through hands-on practice with real health data, the student will acquire the basic tools needed to understand and address threats to global health at the population level.

Core: Modeling Methods

PUBH 20200: EPIDEMIOLOGY&HEALTHRESEARCH:SM: 4 Hour(s)

EPIDEMIOLOGY AND HEALTH RESEARCH:SM ~ This course provides a survey of the epidemiological principles and practices of research design and data collection used in public health. We will focus on (a) how research is designed to test hypotheses, and (b) the hurdles and biases during study design, data collection, and data analysis that must be anticipated and managed by health researchers. Applying the scientific method, students will apply epidemiological principles to develop their own research that will be submitted for presentation at a national public health conference. Laboratories will provide hands-on experience for students to evaluate the many potential limitations and biases in research.

Core: Experimental Scientific Method

PUBH 28000: SEM:: 1-4 Hour(s)

SEMINAR ~

PUBH 38000: SEM:: 1-4 Hour(s)

SEMINAR ~

PUBH 48000: SENIOR SEMINAR: 1-4 Hour(s)

SENIOR SEMINAR ~

PUBH 48100: INDEPENDENT RESEARCH: 1-4 Hour(s)

INDEPENDENT RESEARCH ~

PUBH 49800: INTERNSHIP: 1-4 Hour(s)

INTERNSHIP ~