PH 340 - Measures in Epidemiology

3 Credit Hours

Through data sets & simulations, this course investigates how epidemiological data is collected, analyzed and reported. Different ways to study and report the health of a population will be explored, and their caveats discussed. The importance of understanding and removing bias from epidemiologic studies will also be a key point. Students will be asked to design and implement a research project that uses an integration of statistics and analytic techniques on current public health and epidemiological data to analyze and report on a current public health problem. Sources of public health surveillance data may include vital statistics records, public medical records, personal interviews, surveys, and data from laboratory testing.

Prerequisites

PH 335