

# PUBH 804 : Principles of Biostatistics

Principles of Biostatistics presents the principles and methods of data description and statistical analysis used for planning, development, and evaluation of health problems. This course provides an introduction to descriptive statistics, probability distributions, sampling, estimation, inference, and basic parametric and nonparametric tests. A program called Epi Info™, developed by the World Health Organization and Centers for Disease Control, is the primary computer program used for the course, although other computing programs will be demonstrated. Emphasis is placed on understanding and interpretation of data used in public health.

**Core Course**

**Credits 3**