

BST 245 : Biostatistics and basic research methods

This course will assist the students to develop the necessary skills to understand and perform basic statistical analysis for parametric and non-parametric data using computer-based program. They will be capable of interpreting the results of biomedical research papers in the literature. The students will appreciate the fundamentals of research ethics. Planning research projects, the students will learn how to write a research proposal using systematic approach, starting with comprehensive literature review, writing an introduction, adding a methodology section with an emphasis on data collection protocol and data analysis, summarizing results, and writing an inclusive discussion and an effective conclusion.

Credits 3