

MCTM 5326 : Introduction to Statistics and Clinical Research

This course is designed to provide the student with a background and fundamental working knowledge in applied statistics for use in health, science, government, and technology based research. The course will emphasize the statistical tools required to analyze and test the quality and integrity of research data. Students will also learn how this analysis integrates with the steps involved in conducting clinical research. The course will review and evaluate the main study designs used in clinical research: case-control, cohort, clinical trials, and practical examples of statistical analyses of clinical research studies. Time permitting students will prepare and review a research project. Introduction to Statistics and Clinical Research

Credits 3

Course ID

007989