

# EDUC 814 : Practical Approaches for Statistical Analysis

Practical Approaches for Research Analysis is designed to extend beyond the content of the Research Methodology course and more fully equip students interested in conducting quantitative, qualitative, or mixed-methods studies. It will build on students' understanding of the basic concepts and methods related to descriptive, parametric, and non-parametric analysis and provide the opportunity to run analyses and report findings using basic statistical software. Emphasis will be placed on the practical application of research methods including statistical analysis. Students will develop the necessary skills to interpret empirical findings in published research as well as in their own applied research.

## **Core Course**