In this course, students apply statistical and analytical techniques used in conducting doctoral-level applied research, with emphasis on graphical, bivariate, and multivariate data analysis techniques as well research and reporting practices.

B. Course Effective Dates: 08/16/2014 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Explain and demonstrate the clear understanding of Descriptive statistics
2. Demonstrate understanding of Inferential statistics
3. Perform calculations and critically analyze data, populations and samples, as well as the association between the variables
4. Recognize different models of statistical processes such as hypothesis testing & regression.
5. Correctly apply techniques both in solving problems individually and in a group setting.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

None