A. Course Description

Credits: 4

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: Goal LS - Upper Division Liberal Studies, Goal 05 - Hist/Soc/Behav Sci

Students learn the basic procedures used in the collection and analysis of data in the behavioral sciences. Statistical software is used to conduct descriptive and inferential analyses of both small and large data sets. Students learn to write conceptual conclusions supported by statistical analyses. Prerequisite: Completion of math general education requirements.

B. Course Effective Dates: 03/01/2000 - 05/06/2002 05/06/2002 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Be able to use a statistical software package to conduct univariate and multivariate analyses.
2. Critically evaluate the statistical presentations of others.
3. Understand, conduct, and apply data analysis techniques to solve conceptual and theoretical problems.
4. Write explanations arguing how statistical results support or fail to support theoretical ideas in Psychology and the behavioral sciences.

E. Learning Outcomes (MN Transfer Curriculum)

Goal LS - Upper Division Liberal Studies
None

Goal 05 - Hist/Soc/Behav Sci

1. Employ the methods and data that historians and social and behavioral scientists use to investigate the human condition.
2. Use and critique alternative explanatory systems or theories.
3. Develop and communicate alternative explanations or solutions for contemporary social issues.
4. Examine social institutions and processes across a range of historical periods and cultures.

G. Special Information

Prerequisite: Completion of math general education requirements.