Course Number & Name:  LIS 675 – Statistics for Evaluation of Library and Information Services

Description:  The course applies the principles of evaluation research to contemporary problems related to managerial leadership in the information professions. Building on the Research for Managerial Leadership for Library and Information Services course, it covers the fundamentals of identifying and investigating problems relevant to continuous quality improvement and communicating the results to decision makers. It also provides an introduction to statistics and accountability.

- Prerequisites:  LIS 672 – Research for Managerial Leadership
- Audience (level, environment/setting):  beginning PhD; all settings
- Student Learning Outcomes:  (see models document for definitions of leadership competencies – www.simmons.edu/gslis/phdmlip/program)
  - analytical thinking
  - problem solving
  - written communication skills
  - LIS domain knowledge
  - performance measurement
  - project management
- Topics:
  - evaluation research history
  - context and purpose
  - libraries as service organizations
  - types of evaluation research
  - measurement concepts
  - obstacles, opportunities and constraints
  - ethics
  - general systems model
  - steps of the inquiry process
  - statistics (descriptive, inferential, tests, analysis)
  - communication of findings
- Suggested Textbooks/Readings:
  - Supported by additional readings from the current literature.

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