

**Course Number & Name:** LIS 689 – Management of Information Technology

**Description:** This course is designed for students who expect to become, work closely with or supervise experts in information technology. IT management concepts are identified and discussed; including security, working with programmers, R&D, teams, project management, outsourcing, IT outcomes assessment, and change management. The course reviews and analyzes the selection criteria for integrated library systems. It distinguishes and discusses operational activities, such as help desk support, and research or change activities, such as software development or enterprise system implementation. It investigates the implications of technology obsolescence and innovation in the library setting, including evaluation, implementation, and measures of success. The course requires an understanding of networking and internet protocols and introduces the following skill sets for IT management: Visio, MS Project, and the administration of an enterprise open source system.

- **Prerequisites:** LIS 671 – Managerial Leadership
- **Audience (level, environment/setting):** mid-level PhD; all settings
- **Student Learning Outcomes:** (see models document for definitions of leadership competencies – [www.simmons.edu/gslis/phdmlip/program](http://www.simmons.edu/gslis/phdmlip/program))
  - financial skills
  - LIS domain knowledge
  - information technology management
  - project management
  - team leadership
- **Topics:**
  - overview of information technology
  - hiring and managing IT staff
  - integrated library systems
  - operational activities
  - research or change activities (software selection, implementation)
  - social informatics
- **Suggested Textbooks/Readings:**
  - Supported by reading from the current literature.