

Course Number & Name: LIS 462 - Digital Libraries

Description: Digital libraries are regulated collections of distributed networked resources made accessible to users, usually through a transparent and standardized interface. This course will examine publicly and privately funded digital library projects in the US and internationally, and will explore evolving definitions and visions, as well as issues such as preservation and intellectual property. Through hands-on investigation, students will also become familiar with the components of digital libraries, and with digital library research. Assignments will include (but are not limited to) papers and presentations.

- **Prerequisites:** LIS 415 and LIS 488
- **Audience (level, environment/setting):** Advanced; all
- **Student Learning Outcomes [by number]:** 1, 4, 6
- **Topics/List of Lectures:**
 - Introduction and historical overview
 - Digital library architecture: Digital objects, Repositories, Naming
 - Protocols and standards for descriptive, preservation, and other metadata
 - Resource digitization and preservation
 - Digital rights management: Copyright, licensing, security
 - The user interface
 - Role of digital libraries in learning environments
 - Interoperability of digital collections, international efforts
 - Evaluation and usability
- **Suggested Textbooks/Readings**
 - Bishop, Ann Peterson, Van House, Nancy A. & Battenfield, Barbara P. (Eds.). (2003). *Digital library use: Social practice in design and evaluation*. Cambridge, MA: MIT.
 - Greenstein, Daniel, & Thorin, Suzanne E. (2002). *The digital library: A biography*. Washington, DC: CLIR.
 - Kahn, Miriam. (2004). *Protecting your library's digital sources: The essential guide to planning and preservation*. Chicago, IL: ALA.
 - Lesk, Michael. (2004 or 2005). *Practical digital libraries: Books, bytes, and bucks*. San Francisco, CA: Morgan Kaufmann.

- **Course History:**
 - April 1998: Moved into the permanent curriculum.
 - October 2004: discussed at curriculum retreat; new descriptions voted in 10/04
- **Document prepared by:** Candy Schwartz, 10/04