

Spring 2019 Graduate Course Descriptions

Information School

October 15, 2018 – Subject to Change

LIS 500: Code and Power (online)

Does the Internet flatten the world? What are the social relationships that structure our Digital Society? Overcoming gaps in information access and participation starts with you. This course combines a supportive introduction to computer scripting with a critical examination of race and gender issues in the contemporary computing industries. Students will increase their computing confidence through interactive hands-on exercises to gain mastery of core scripting concepts applicable to a variety of coding tools (e.g., HTML, CSS, PHP, MySQL).

LIS 517: Digital Health (f2f & online)

This course is appropriate for current or future information professionals and information providers in diverse settings: medical libraries, public libraries, healthcare organizations, community agencies, middle and high school library media centers, and academic libraries serving students intending careers in the health or allied health professions. It is also for undergraduate or graduate students considering careers in the health or allied health professions, service professions, and the social services, particularly those concerned with information services for the medically underserved and members of racial/ethnic/socioeconomic minority groups. It's a course for people who want to build more informed websites, search engines, or information systems for health information. Finally, it is for all people who need to navigate the maze of health information as consumers, patients, and caregivers to patients.

This is an extremely customizable course for everyone, based on students' interests, expectations, and professional or pre-professional needs. If you have particular learning or career goals in mind that revolve around consumer health information, I encourage you to contact me (catherine.arnott.smith@wisc.edu) and see how the course can best help you meet those goals.

LIS 601: Information: Perspectives and Contexts (online)

Provides an introduction to major themes and topics in information studies as well as the language and literature of the field and related disciplines. This course is about information, information agencies, and being an information professional. We look at social, historical, ethical, legal and political issues surrounding information dissemination, use, control, and management.

LIS 603: Research & Assessment for Information Professionals (f2f & online)

Introduces students to research, evaluation and assessment practices. Prepares students to design and implement a research or assessment project. Provides an overview of commonly employed data collection methodologies and introduces students to both qualitative and quantitative analysis approaches that may be employed in evaluation, assessment and research.

LIS 620: Field Project in Library and Information Agencies (online)

The purpose of this course is to provide students with the opportunity to gain professional experience in an information agency. The course consists of a minimum of 120 hours in the agency and participation in an online class, in which students discuss the placements and the application of professional theory to the work place. You will work with the supervising professional at your agency to determine your work responsibilities and schedule; your schedule must be flexible enough to accommodate possible weekday, weeknight and weekend hours.

For directions on how to request a placement, see: <https://ischool.wisc.edu/current-students/practicum/>

Note: School library concentration students, work 160 hours (divided 40 and 120) and required permission from Allison Kaplan to enroll in C&I 620.

LIS 620-003 (Teaching and Learning section (formerly LIS 826, LILI), on-campus students only)

The purpose of this section of LIS 620 is to provide students with the opportunity to gain professional experience in instruction in academic libraries. The 120-hour practicum component of the course has three parts: teaching a workshop using a shared outline (10-12 hours); observing and assisting with workshop sessions for undergraduate Communication A courses (15-20 hours); and extensive work with instruction projects at a home site library (80-90 hours). Additionally, required seminars offer a variety of activities related to learning theory, pedagogy/andragogy, lesson planning, assessment and online tutorial software. Although the course itself is online, students are required to attend three face-to-face sessions and may have specific time requirements depending on the placement. Students must be available for three face-to-face class meetings (first and second Tuesdays of the semester plus one additional Tuesday meeting) 5:30-8pm. Students must also have flexible schedules to teach and assist with instruction (specifically, having at least **two** blocks of time ~4 hours in length on Monday, Wednesday, or Friday mornings and early afternoons). Please contact Allison Kaplan for information about the placement itself and timing requirements.

LIS 629: Multicultural Literature for Children and Young Adults

This course focuses on issues of diversity as represented in literature for children and young adults. In this class, we will employ a sociocultural approach to consider representation of ethnicities, socioeconomic status, gender, sexual orientation and (dis)ability. A range of critical issues is addressed including authenticity, representation, cultural correctness, reader responses and intellectual freedom.

LIS 631: Literature and Resources for Youth (online)

This course provides students with an opportunity to explore the world of teenage reading. Students learn about the development of this distinctive body of literature, including seminal authors, new voices, and the book reviewing sources and organizations that help shape the field. They explore the information needs and reading interests of teenagers as well as such issues in library services for young adults as intellectual freedom and equity of access.

LIS 635: Reference and Information Service (online)

This course introduces the theory and practice of reference and information service. Themes include the history and ethics of information service in libraries, theories of information behavior, the reference interview, and reference and information service design and management. Students will gain familiarity with a wide range of reference resources and strategies.

LIS 640-001,002: Topics in Library and Information Studies: Tribal Libraries, Archives & Museums

This course provides an overview of, and practical experience with, the history, development, and current issues facing tribal libraries, archives, and museums, with an emphasis on Wisconsin tribal cultural institutions. The course is structured around a combination of classroom discussions and lectures, as well as onsite visits to tribal cultural institutions, and attendance of local events relevant to this course.

Upon completion of the course, students will:

- (1) understand the landscape of the tribal knowledge societies;
- (2) be aware of legal, social, cultural, political, economic issues affecting participation of Indian tribes in the knowledge society;
- (3) appreciate challenges faced by Wisconsin tribal cultural institutions;
- (4) gain practical experience interacting with tribal cultural institutions in Wisconsin.

LIS 640-003/004: Topics in Library and Information Studies: Digital Privacy, Safety and Security

This course introduces you to administrative and sociotechnical concepts related to the privacy, safety, and security of individuals and organizations in online contexts, and how individuals and organizations can enhance their online privacy, safety, and security. No prior technology or computer-science experience is assumed. See introductory video at https://mediaspace.wisc.edu/media/Why+CybersecurityF/0_6tmynm7s

LIS 640-005/006: Topics in Library and Information Studies: E-Portfolio and Job Search (1 cr; meets 1/22-2/24 f2f & online synchronous)

You asked for it! This course provides an opportunity for structured support to help you complete your learning e-portfolio, prepare for your job search, and think about both in terms of lifelong learning and career development. We will workshop how to construct a good justification statement for a number of the Program Level Learning Outcomes in class. Topics for career planning/job search will include: developing a job search strategy, how to write effective cover letters and resumes, interview prep, and next career stage planning. Career resources that are available to you now and after you graduate will be referenced. You need to have completed 27 credits to enroll.

LIS 640-007/008: Topics in Library and Information Studies: Linked Data (1 cr; meets 2/25-4/7 online)

This course teaches the fundamentals of linked data ("Semantic Web") technologies. It includes reading linked data graphs, reading and writing various linked data syntaxes (N-Triples, Turtle, RDF/XML, microdata), understanding and using common linked data vocabularies, and SPARQL querying.

LIS 640-009: Topics in Library and Information Studies: Engaging with Adult Populations

From genealogy workshops to finals week stress reduction programs to drinks with an artist, information professionals in a wide variety of institutions provide services and programming for adults. In this course, through guest speakers, discussions, and site observations, students will learn what it means to engage with an adult community.

LIS 640-010/011: Topics in Library and Information Studies: Information Experience Evaluation & Testing

This course provides an overview of design and evaluation research focused on human-computer interaction. It introduces basic concepts and principles of information user experience, and methods and tools used for interaction design and evaluation. Through discussion, lab exercises, and research projects, students will gain experience in user experience design and usability testing.

LIS 640-012/013: Topics in Library and Information Studies: Oral History (1 cr; meets 2/25-4/7)

This one credit class provides an overview of doing oral history work including things such as interviewing itself, summarizing appropriately, and thinking through use of content management systems and access issues. Hands on exercises will give you practice and ground the reading and lecture/discussions.

LIS 642: Reading Interests of Adults (online)

An examination of the nature and societal functions of a variety of mass media-generated adult reading materials, the standards by which they are judged, and their relationship to contemporary library and information science fields.

LIS 644: Digital Tools, Trends and Debates

Overview of information and communication technologies, digital media, and standards in relationship to information agencies within the context of current societal controversies.

The course goal is to provide students with:

- Broad awareness of digital technologies in use in libraries and other information agencies.
- Ability to evaluate, select, and work with appropriate digital technologies in a library/archives context.

- Awareness of the social forces that create and shape the use of digital technologies, ensuing controversies that can arise, and the complex relationship between digital technologies and the future of information agencies.
- Self-sufficiency in continual acquisition of technical knowledge.

LIS 645: Intellectual Freedom

This class is aimed at getting students to think seriously about intellectual freedom in the United States. The class will begin with an examination of some of the theoretical questions about intellectual freedom, focusing on the rationales underlying the First Amendment to the U.S. Constitution. We will then spend a few weeks looking at some history. After that, we will touch on some specific topics related to intellectual freedom (censorship and libraries, minors and the Internet, privacy, copyright, and academic freedom) before spending the final part of the course on student papers

LIS 646: Intro to Information Architecture (online)

Information Architecture provides an overview of the fundamentals of information architecture (IA) and User Experience Design (UX), as well as opportunities to use these concepts in practice. The course looks at the ways in which traditional library science skills and knowledge, such as the organizing and classifying of information, and knowledge of the behavior of information seekers apply to web design. The course also introduces the concepts of web standards, usability and accessibility, project planning, project management, web evaluation, and website design as an ongoing, iterative process.

LIS 651: Cataloging and Classification (online)

This course introduces different approaches and systems currently used for organizing library materials. Through lectures, discussions and exercises, students will acquire practical knowledge of rules, standards, and tools used for bibliographic description and control, classification, and subject/content access. Standards/systems that are covered include: RDA, MARC, DDC, LCC, LCSH.

LIS 654: Management of Information Agencies

Survey of concepts and skills necessary to manage in an information services organization. Assignments will both focus on developing practical skills and take a critical look at different philosophies of management and leadership. Areas of coverage include topics such as strategic planning, personnel, collaboration, advocacy, budgeting.

LIS 655: Collection Management (online)

The study of collection management in all types of libraries and information centers. Includes analysis of information needs, criteria for selection, sources for reviews, collection use evaluation, weeding, preservation, and contemporary changes in access and ownership.

Course Objectives

At the conclusion of the course, students will be able to:

- Describe the theoretical and practical issues associated with the management of library collections
- Identify the challenges of collection management facing information professionals in various types of libraries and information agencies
- Evaluate issues regarding access vs. ownership information resources
- Create and evaluate collection policies

LIS 661: Information Ethics and Policy (online)

Overview of modern ethical theories and how they inform information agency policies and practices; examines selected policy issues relating to information and communications; includes topics such as intellectual property, privacy, censorship, equity of access.

LIS 678: Preservation

Basic concepts, principles, and approaches to protection and care of library and archives material, including nature and structure of paper- and plastic-based materials, deterioration, preservation management, disaster prevention, reformatting, and some basics of digital preservation.

LIS 712: The Public Library

The course is designed to be a thorough introduction to public library services and administration. Topics include history, structure and governance; finance and budgeting; management and planning; the library's role in the community; personnel management and staff development; public relations and marketing; legislation and advocacy; services, programming and outreach; technology; and facilities, building and maintenance. We will consider developing trends in consumer behavior, particularly in regards to digital technologies, that have an impact on the types of services the public expects from a library. There is also an emphasis on the importance of the Library Director, Department Heads, and Library Board working together for the best interests of the community they serve.

LIS 722: College & University Libraries (online)

An overview of contemporary issues impacting libraries located at institutions of higher education spanning community colleges to large research universities.

Topics covered include, but are not limited to:

- * changes in the higher education environment in the US: state funding, for profits, MOOCs, new campus populations and their needs, safety issues, etc.
- * pressures to provide evidence for student learning or retention and more broadly conveying the mission and value of the library to decision makers on campus
- * the role of libraries in helping researchers manage research data including an overview of federal rules, funder regulations, data management consulting and professional associations that support librarians in this work
- * library roles in promoting copyright education, open access, institutional repository use, open textbooks, etc.
- * involving libraries in campus diversity initiatives/efforts and more broadly involving the campus library in the social life of the campus
- * trends in campus library space use: material storage v. user space; partnering with other campus service groups

LIS 751: Database Design for Libraries and Information Agencies (online)

Introduction to database management systems, the database design process and database management issues, current trends and developments in the database field with a focus on library database systems.

LIS 768: Digital Humanities Analytics

In this course students learn and apply introductory technology skills to analyze and plan data-driven projects in the humanities, social sciences and other fields. Topics include identifying relevant existing digitized materials, web scraping, text encoding, topic modeling, mapping, social network analysis, and other approaches for collecting, analyzing and visualizing data. An introduction to Python is a key part of this course, which employs hands-on activities and collaboration with campus researchers to give students the tools they need to explore exciting new approaches to research and outreach using primary sources.

LIS 818: Archive Accessioning and Appraisal

Theories, principles and processes behind archival decisions to acquire records and designate them as worthy of long-term retention in an archive. Emphasis on understanding archival views about society and its relationship to historic materials, the role of the archivist, the attribution of value to archival material, and current and emerging best practices for this work.

LIS 855-001/002: Topics in management: Leadership (1 cr; meets 1/22-2/24 online)

This course will provide a framework for understanding how to lead in today's diverse library and archives environments - and from any level within the organization. Student will gain an understanding of the theories and styles of leadership and the fundamental skills needed to lead in today's organizations. We'll explore individual leadership styles and how to build support and overcome challenges within our organizations to achieve our personal, professional and organizational goals.

LIS 855-003/004: Topics in management: Budgeting (1 cr; meets 2/25-4/7 online)

Overview of the concepts and skills needed to interpret, create and reconcile budgets for programs, grant proposals, departments, and organizations. This course prepares information professionals to understand the terminology, methods, and tools of budgets, finance, and accountability.

LIS 950: PhD Seminar: African American Print Culture

How have African American people contributed to the production, circulation, and consumption of printed texts and how have cultures of print shaped the social, political, and cultural contexts of African American life and expression? How and why have African American people created, deployed, and used print to advance projects of self-definition, liberation, community building, survival, and art? How have predominantly-white and historically-black memory institutions, academic practices, and political formations contributed to the production, loss, and recovery of African American print? The doctoral level seminar will focus on critical methods and research practices of particular interest to those who want to produce scholarly writing in humanities disciplines and digitally curated presentations of books, print, manuscripts, and other material texts.