

Spring 2020 Graduate Course Descriptions

Information School

October 15, 2019 – Subject to Change

LIS 500: Code and Power

Does the Internet flatten the world? How do race, class, gender and other forms of intersectional oppression show up in code? What are the social relationships that structure our Digital Society? Overcoming gaps in information access and participation starts with you. This course combines an introduction to computer scripting with a critical examination of inequality 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, PHP, SQL). At the same time, students will learn to design and assess inclusive computing activities and events through hands-on projects.

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 and Assessment for Information Professionals (section 002 distance program students only)

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 620-001, 002, 003: 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 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 information literacy instructions. 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. In addition to online coursework there are three face-to-face meetings on Wednesdays, 5:30-8:00pm: Week 1, Week 2 and a third week TBD (likely

weeks 7 or 8). You must also be able to keep half day chunks of Monday, Wednesday, Friday (two of these) flexible for the Comm A classes (heaviest weeks 3-10); the schedule will be set when the Teaching and Learning Office has all the session requests—usually by end of week 2 of the semester. All students interested in instruction in any information environment are encouraged to apply for this experience.

For directions on how to request a placement and more information about this section, see: <https://ischool.wisc.edu/current-students/practicum/requesting-a-teaching-learning-placement/> Permission to enroll is required and is prioritized on seniority basis. Typically, 7-9 placement opportunities are available. For permission to enroll, contact Allison Kaplan.

LIS 629: Multicultural Literature and Resource for Children and Youth (online)

This course focuses on issues of diversity as represented in literature for children and young adults both in US-based and global-based literature. 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

This course provides a survey of media interests and needs of young adults (media include books, film, television, audio, and various production technologies). The course involves a critical examination of media trends, materials, selection criteria, guidance for individual users, and censorship problems (as they relate to young adults). We cover evaluation, selection, and use of print, digital, and other multimodal resources for youth (ages 13-18). Students will develop an ability to advocate for and promote materials according to various needs of young adults (intellectual, emotional, social and physical).

LIS 635: Reference and Information Service

This course introduces the theory and practice of reference and information service. Themes include the history and ethics of information service, 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 for a range of information environments.

LIS 640-001: Topic: Tribal Libraries, Archives & Museums (3cr)

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 640-002, 003: Topic: Services to Diverse Populations (online, 3cr)

This class will focus on working with diverse communities in a library setting, exploring such topics as equity of access, cultural competence, and community engagement. Over the course of the class, students will develop a toolkit on working with a specific community of their choosing, featuring advice, best practices, policies, and resource lists.

LIS 640-004: Topic: User Experience Evaluation and Testing (3cr)

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 640-006, 007: Topic: E-Portfolio and Job Search (1 cr; meets session AEE; Online/Face-to-face, Jan 21-Feb 25)

You asked for it! This course provides an opportunity for structured support to help you complete your 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 the Program Level Learning Outcomes in class. Topics for career planning/job search 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. This course meets synchronously online and face-to-face. Campus students are expected to attend in person.

LIS 640-008,009: Topic: Creating Inclusive Environments (1cr; meets session KEE: Online March 30-May 1)

How do we turn our "good intentions" into daily actions that create inclusive environments? In this 5 week course we'll examine ideas of neutrality, unnecessary barriers, and impacts of language. You'll get practice recognizing subtle obstacles and coming up with creative solutions, and leave the course with new tools to build equity and make our rhetoric about inclusion more consciously and concretely a reality.

LIS 640-010: Topic: Film Archiving (1 cr; meets session AEE Jan 21-Feb 23)

This course provides an introduction to film and moving image formats that may be collected and preserved in archives. Learn about different formats, process film collections, identify preservation and conservation issues, and how to approach access challenges for these items.

LIS 640-011: Topic: Community Archives (1 cr; meets session FEE Feb 24-March29)

An exploration of collections gathered and managed by the members of a community they represent, formed either entirely or partially outside the traditional archival structure. Why do these types of collections exist, how do they function, and what do they mean for the future of the archival profession?

LIS 642-001: Topic: Reading Interests of Adults

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 (online)

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 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 646: Introduction to Information Architecture and Interaction Design for the Web (online)

This course 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, interaction design, 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: Information Services Management [Tier M course] (online)

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

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.

At the conclusion of this course, students should be able to:

- Understand the information life cycle, and specifically the role libraries play in that cycle;
- Identify how print and electronic documents are created, published, and acquired by the library;

- Identify core user groups and key characteristics of the information types and genres they require through analysis of user needs, the user base, and the collection; and
- Understand, acquire, and critique critical opinions from professional and lay sources useful in the information professions

LIS 661 Information Ethics and Policy (meets with LIS 931 PhD Seminar-Information Policy)

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 705: Introduction to Analytics for Decision Making (online)

Introduces key stages in the processes of gathering and analyzing data for decision making, including tasks, methods, and tools used at each stage. Topics include developing the research question from organizational goals, choosing appropriate data collection methods, sampling, basics of measurement and question design, managing and visualizing data, descriptive statistics and basic inferential statistics such as correlations, regressions, and ANOVA.

LIS 706: Data Mining, Planning and Management (online)

Prereq of 603, 705 or other recent introductory statistics course. An introduction to data mining concepts, tools and processes. Prepares students to plan, manage and assess a data mining project in light of organizational strategic goals. Introduces stages of a data mining project, data mining project evaluation frameworks, and principles of data ethics related to data mining. Learn and apply introductory data mining tools and techniques for data clustering, dividing data into classes, making predictions and identifying networks.

LIS 722: College and 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 732: Strategic Information Services

Developing, managing and evaluating information services to corporate, government, research, small business, and community organizations. Overviews of knowledge management, business intelligence, industry analysis, information brokering. Gain skills in information service,

entrepreneurship and marketing information services. Overview of changes within the profession and networking within the professional community.

LIS 751: Database Design for Information Professionals (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 755: Electronic Resource Management & Licensing (Online)

Management, policy and technology issues associated with licensed digital library resources such as e-journals, e-books, full text and citation databases, digital audio and video collections, and e-references resources. Includes a significant copyright and licensing component.

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 855-001,002: Topic: Grant Writing (Session BEE, Jan 27-March1) (1credit, online)

Critical examination of grant writing in the context information agency management.

LIS 855-003: Topic: Art Librarianship (3 credits)

Overview of the history and practice of art, design and museum libraries. Includes areas of library administration, collection development, reference and instruction, outreach and liaison work, technical and image services, and special collections as they relate to art libraries. Current issues and trends in art librarianship will be examined. Visits planned to the Chazen Museum of Art, UW Digital Collections Center, and Art History Visual Resources Collection.

LIS 875: Topic: Archival Arrangement and Description

Current issues in technologies for information processing and retrieval in libraries and information agencies. This topic covers archival arrangement and description, including Encoded Archival Description.

LIS 931 PhD Seminar in Information Policy, Management and Institutions (meets with LIS 661 Information Ethics and Policy)

Survey of research and theorizing of: information policy and law, the management of information within and between organizations - including information technology and information labor, and investigation of traditional and new institutions in the information society.