Fall 2017 Graduate Course Descriptions
School of Library and Information Studies
March 6, 2017

**LIS 500: Code and Power**
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., PHP, Javascript, Python). At the same time, students will discuss contemporary research on race, gender and computing and learn to design and assess inclusive computing activities and events.

**LIS 601: Information: Perspectives and Contexts (Online section 002 for Online students only)**
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 602: Information: Organization and Search (Online section 002 for Online students only)**
This course introduces basic concepts and principles of information organization and online searching. Students gain knowledge of information organization and retrieval theories and methods and knowledge of large database structures and database searching techniques. Students critically examine the impact of information organization practices on organizations and culture. Through readings, lectures, discussions, and exercises, students will learn how to develop information organizing systems and to evaluate and improve search systems.

**LIS 603: Research and Assessment**
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 619 Music Research Methods**
Cross-listed Music Department class. Must have a strong background in music theory. Timetable description:
Historical and contemporary bibliography resources for musical scholarship; general reference tools of scholarly work and specific musicological works.
LIS 620-001, 002: Field Project in Library and Information Studies (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.

May not be taken in the same semester with LIS 826.

Enrollment and credits:
- Students in school libraries will enroll in C&I 620, not LIS 620, and must work in two schools (140 hours in one placement, 70 in another) for a total of 210 hours and 3 credits. (This requires a different form; if you are requesting a school placement, contact Allison Kaplan.)
- All other students will enroll in LIS 620 and spend 120 hours at the host agency for a total of 3 credits.

To request a practicum placement, follow these steps:
- Meet with your advisor to discuss the placement;
- Complete the placement request form found on the SLIS website (please note, this file may not open in all email platforms, to access the form from the SLIS website, go to the practicum site (https://slis.wisc.edu/current-students/practicum/lis-620-field-project-in-library-and-information-agencies/) and scroll down to the link to the form document);
  - Madison area students should select at least three possible sites from the LIS 620 Placement directory, also found on the SLIS website;
  - Online students and those seeking placements not listed in the Directory should provide the name of the institution and possible site supervisor contact information;
  - List your placement choices in preference order on the form.
- No later than three weeks after advising week, please email the placement request form, your updated resume, and a printout of your SLIS coursework (which you can get from your Student Center on MyUW) to Deb Shapiro (dsshapiro@wisc.edu) for Summer placements or to Allison Kaplan (agkaplan@wisc.edu) for Fall and Spring placements.
- Register for LIS 620
- Approximately 2 – 3 weeks after sending in your request, you’ll receive contact information for the onsite supervisor at your possible placement.
- Use this information to contact the supervisor to arrange a pre-placement interview at the library/info agency.
- No placement is considered confirmed until there has been a successful interview.

LIS 622: Children’s Literature (Online)
Survey class focusing on literature for children (birth to age 14) in all of its formats also includes techniques of reading guidance in school or public libraries in relationship to developmental interests, needs and skills of children.
LIS 635: Reference and Information Services (Online)
This course addresses theories, principles, and practices in selected aspects of reference & information service. Construed more broadly, it addresses the question, “What’s the best way to know what we don’t know?” Upon completion of this course, students will be prepared to effectively assist with user information needs, in person and virtually, using a variety of print and digital resources and to discuss how reference work fits into broader professional contexts.

LIS 640-001: Topic: Project Management & Systems Analysis
Project management skills are vital in EVERY discipline. Why not learn how to effectively communicate with a customer, manage a diverse team, elicit project needs, estimate schedules, manage costs, and close a project?

This course is designed to explore the concepts and practical implementation of project management principles. In a practical sense, students will examine the use of project management to successfully initiate, plan, execute, control and close a project. Special attention is given to the current standards of the Project Management Institute.

LIS 640-002, 003: Topic: Publishing Knowledge Institutions and Society: E-Revolutions? (Online)
Book and journal publishing faces Internet-driven change on several fronts: e-readers, open access, bricks-and-mortar store woes, self-publishing. This course will examine how readers, authors, publishers, librarians, educators, researchers, and lawmakers are responding to these and other challenges.

LIS 640-004, 005: Topic: Services to Diverse Populations (Online)
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 640-006: Topic: Women, fire & dangerous metaphors: Labels, Categories, Ontologies and Information Organization – meets with LIS 975
This seminar-style class centers on the politics of naming: the relationship between institutions and categories and the implications of that relationship for information objects. Assigned works of scholars such as cognitive linguist George Lakoff (Women, fire and dangerous things; Don’t think of an elephant) and science and technology studies researchers Bowker & Star (Sorting things out) will provide students with a shared framework in which to explore their own research projects. Topics historical to contemporary, from the humanities through the life sciences and everything in between have all been explored before in this class and are welcome.

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 645: Intellectual Freedom (Online)**
An examination of intellectual freedom in the United States including censorship, minors' rights, the Internet, privacy, and copyright with focus on theoretical questions related to the First Amendment to the U.S. Constitution, and historical developments.

**LIS 654: Management (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 665: Topics: Who Writes Your Story? Race & Gender in the Archives**
This course will examine the impact of race and gender on how some archival collections are constructed; what is collected; how archives are organized, described and accessed and ultimately how narratives are shaped by the race and gender of the subjects and the user's own identity. The course includes hands-on examinations of archives and analyses of publications and documentary films based upon archival research.

**LIS 668: Digital Curation and Collections (Online)**
The course introduces core concepts and new developments in digital curation, preservation and digital libraries. Topics include: digitization; digital preservation; media archeology; basics of research data management; digital collection technologies and workflows; intellectual-property issues; metadata as applied in digital collections; digital collections planning and evaluation; trusted digital repositories; funding of digital collection projects and sustainability.

**LIS 677 Concepts & Tools for Data Analysis & Visualization**
This class is an introduction to the world of data, how data can be used to answer questions and how those answers can be effectively and ethically communicated. The class will offer a combination of conceptual training, instruction in specific tools for data analysis and visualization, and the opportunity to put new skills to use in a final project. Research methods experience preferred.

**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 734: Introduction to Archives**
This course will serve as an introduction to the field of archives, providing students with an overview of their history and purpose, as well as an introduction to the concepts integral to archival work. Through a combination of readings, discussions, writing, and project work, students will be introduced to the concepts of appraisal, arrangement & description, reference, outreach,
preservation, ethics, technology, project management, and advocacy in relation to all formats of archival materials (manuscript, digital, photographic, audiovisual, and object-based records) in many types of archival institutions. The course offers an introduction and is appropriate for all students, but will provide an important framework for students planning to follow the archives track.

**LIS 751: Database Design for Libraries and Information Agencies**
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 772: Library Services to Children and Young Adults**
This course covers the theory and structure of public library service to children and teens [ages 0-18], its place within the community, and techniques and practical aspects of youth librarianship.

**LIS 826: Field Project in Library and Information Literacy Instruction**
826 is a field project partnership between SLIS and campus libraries participating in the coordinated Libraries’ Teaching & Learning Programs at UW-Madison. The 120-hour practicum component of the course has three parts: teaching information literacy sessions for ESL students (10-12 hours); observing and assisting with information literacy sessions for undergraduate Communication A required courses (15-20 hours); extensive work with instruction projects at a home site library (80-90 hours). In addition, there are seminar meetings with a variety of activities related to learning theory, pedagogy/andragogy, lesson planning, assessment, and the online tutorial software, Captivate, which you will use for some of your projects. You must 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 & Learning Programs office has all the session requests—usually by end of week 2 of the semester. Also—we may need to meet for an hour the week before classes start.
May not be taken in the same semester with LIS 620.
See email from Anjali Bhasin sent 3/2 for info about getting a spot in this course.

**LIS 839: Special Collections (1 cr.; meets 5 Tuesdays, 9/6-10/15)**
Course combines addressing theoretical issues with more everyday matters, and provides opportunities for hands-on examination of a wide variety of examples from special collections. Topics include such things as: means and ends of outreach; collection policy, criteria, and process; teaching with special collections; aspects of digitization and access with reference to special collections; later context issues.

**LIS 855-001, 002: Topic: Introduction to Government Info (Online - 1 cr.; meets session AEE 9/6-10/8)**
In this five week course, students will become familiar with the wide range of government information to which librarians refer. The course will include an introduction to the organization and origins of government information, as well as the reference and information literacy challenges associated with specific genres of government information. Assignments will include discussion posts, practice reference questions, and an exploration of source documents behind current events.
LIS 855-003, 004: Topic: Budgeting (Online - 1 cr.; meets session FEE 10/9-11/12)
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, and to use funds strategically and effectively.

LIS 855-005, 006: Topic: Designing for Mobile Access (Online - 1 cr.; meets session FEE 10/9-11/12)
This is a project driven course to introduce concepts and best practices for mobile design. Students will learn about Responsive Web Design (RWD), Progressive Web Apps (PWA), and principles for designing mobile experiences. We’ll also look at modern Web techniques related to mobile development including: performance metrics for mobile, optimization, and frameworks for app design (Javascript). Students will gain an understanding of how the Web works and how to design, construct, evaluate, and maintain mobile experiences.

Skill(s) acquired:
Web design skills and experience, design sketching and prototyping for mobile apps

LIS 861-001,002: Information Architecture (Online)
LIS 861 - 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 975: PhD Seminar in Organization of Information
Meets with LIS 640-006. See general description there; additional requirements for PhD students.