Summer 2020 Course Descriptions

Information School MA classes

March 6, 2020 – Subject to Change

LIS 510: Information Security and Privacy (Online; 6/15-8/9)

This course introduces you to administrative and sociotechnical concepts related to the privacy and security of individuals and organizations in online contexts, and how individuals and organizations can enhance their online privacy 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 603: Research & Assessment for Information Professionals (Online; 6/15-8/9)

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 Studies (Online; 6/15-8/9)

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 can NOT enroll in C&I 620 in the summer.

LIS 632: Metadata Standards and XML (Online; 6/15-8/9)

This course provides an overview of the design and use of metadata for resource description, management, and retrieval in digital environments. Students learn to implement and evaluate standard schemes used in cultural heritage, business data, and other contexts including Dublin Core, MODS, VRA and others. Issues of information behavior, vocabulary control, sharing and interoperability, quality assurance, and automation are covered.

LIS 644: Digital Tools, Trends & Debates (Online; 6/15-8/9)

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 professional contexts.
- 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 707: Data Visualization and Communication for Decision Making (Online; 5/18-8/23)

Introduces students to key concepts in data visualization and communication for organizational decision making including how and why visualization can be an effective tool for summarizing, analyzing and communicating about data, and limitations and challenges of using visualization techniques. Students will use contemporary software to develop visualization dashboards and presentations as well as plan appropriate types of visualization(s) based on source data, audience, and goals, evaluate visualizations for effectiveness and bias. Students will plan, create and assess an infographic or visualization for an organization as part of a major project.

PLEASE NOTE: There will be some overlap with the one credit course, but this will go well beyond that one and you can take this one if you took the one credit course and want more.

LIS 712: The Public Library (Online; 6/15-8/9)

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.

ONE CREDIT COURSES:

LIS 640-001,002: Topic: My Body, My Chart: The Electronic Medical Record, Past, Present and Future (Online; meets 6/15-8/9; 8 weeks)

This 8-week course focuses on the electronic record (EMR). The course is useful for people considering information-related careers in academia, industry and librarianship, including those interested in critiques of technology in society. It is organized into three units. The first provides an overview of EMR content, standards and major industry players. The second explores the historical origins, contemporary impact on organizations, and scientific uses for this technology. The third and final unit centers on challenges of EMRs for consumers, patients, and caregivers: enabling access to personal medical record content, and tensions around privacy. The textbook is Robert M Wachter's The Digital Doctor: Hope, Hype, and Harm at the Dawn of Medicine's Computer Age (McGraw-Hill, 2015). Students with questions about the course are encouraged to contact the instructor, Catherine Arnott Smith, Professor, the Information School, at casmith24@wisc.edu to see how it can best fit their needs.

LIS 640-003,004: Topic: Videogames & Society (Online; meets 5/26-6/14; 3 weeks)

This class involves hands-on game play, design, and research. Students will read about the role of videogames in society, and the role of societies in videogames! This is a 3-week online class with five assignments that build on each other. Students will be expected to submit work every few days.

LIS 640-005, 006: Topic: Linked Data (Online; meets 5/26-6/14; 3 weeks)

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 working with Wikidata.