

# LIS - LIBRARY AND INFORMATION SCIENCE

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## LIS 6000 Introduction to Information Management Cr. 3

Introduction to current data/information management from an interdisciplinary perspective, incorporating the latest ideas, techniques, and technologies into the data/information life cycle. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

## LIS 6010 Introduction to the Information Profession Cr. 3

The development and place of libraries in society; objectives, functions of and trends in major types of libraries. Core course. Prerequisite for all MLIS courses. Offered for graduate credit only. Offered Every Term.

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

## LIS 6080 Information Technology Cr. 3

Storage and retrieval problems as approached by conventional and nonconventional methods. Computer applications in libraries. Core course. Offered for graduate credit only. Offered Every Term.

**Prerequisites:** ((LIS 6010 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

## LIS 6120 Access to Information Cr. 3

Reference function of the library including print and electronic reference sources; development of interpersonal communication skills to increase effectiveness in response to patrons' information needs; effective search strategies for all types of reference. Core course. Offered for graduate credit only. Offered Every Term.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

## LIS 6210 Organization of Knowledge Cr. 3

Characteristics of recorded knowledge; identification and description of recorded information; principles of physical description, authority control, and subject access; creation of catalogs and databases. Core course. Offered for graduate credit only. Offered Every Term.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

## LIS 6350 Design Thinking and Knowledge Cr. 4

Exploring broad conceptions of design including all activities involved in generating intentional change via artifacts and experiences; design thinking and knowledge. Offered for graduate credit only. Offered Yearly.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**Equivalent:** LDT 7111

## LIS 6360 Producing and Evaluating Technology-Based Instructional Materials Cr. 4

Design and development of instructional materials and media with an emphasis on technology applications integration. Creation and evaluation of instructional media and materials, based on national and state technology standards. Offered for graduate credit only. Offered Yearly.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**Equivalent:** LDT 5140

## LIS 6510 Survey and Analysis of Current Literature for Children: PS-Grade 3 Cr. 3

Intensive examination of books appropriate for preprimary and primary school children. Analysis of the literary and extra-literary factors that affect the young child's experiences with fiction, nonfiction, and poetry. Offered for graduate credit only. Offered Fall.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**Equivalent:** RLL 7720

## LIS 6520 Survey and Analysis of Literature for Older Children: Grades 4-8 Cr. 3

Intensive examination of books appropriate for children in grades four through eight. Analysis of literary and extra-literary factors affecting the older child's experiences with fiction, nonfiction, and poetry. Offered for graduate credit only. Offered Winter.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**Equivalent:** RLL 7740

## LIS 6530 Young Adult Literature Cr. 3

Standards for evaluating adolescent literature. Selection of literature for individual pupils in relation to interest and reading ability. Use of classroom collections. Techniques for helping pupils read poetry, drama, and fiction. Offered for graduate credit only. Offered Spring/Summer.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**Equivalent:** EED 6310

## LIS 6550 Storytelling Cr. 3

Selection of appropriate literature and materials for story performance; guided practice in selection and presentation of literature for oral communication by reading aloud, mediated storytelling, and storytelling. Offered for graduate credit only. Offered Irregularly.

**Prerequisites:** ((LIS 6510 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**Equivalent:** RLL 7780

**LIS 6780 Introduction to Records and Information Management Cr. 3**

Management of information, including records creation, records inventory and appraisal, retention/disposition scheduling, filing systems, maintenance of inactive records, micrographics, vital records protection, and electronic impact on records management. Offered for graduate credit only. Offered Yearly.

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Equivalent:** HIS 6780

**LIS 7040 Library Administration and Management Cr. 3**

Library as an organization in various settings, functional diversification, staffing patterns, program planning, budgeting, performance evaluation, communication, and public relations. Core course. Offered Every Term.

**Prerequisites:** (6 credits from MGT 5000-9999) AND ([LIS 6080 with a minimum grade of C]) AND ([LIS 6010 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7050 Public Libraries Cr. 3**

Development of concepts introduced in LIS 6010; history, organization and function of public libraries; development of skills necessary to public librarianship. Offered Yearly.

**Prerequisites:** ([LIS 7040 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7060 Academic Libraries Cr. 3**

Development of topics introduced in LIS 7040; history, organization, and function of the academic library within educational and research institutions; development of management and personnel concepts necessary to academic librarianship. Offered Fall.

**Prerequisites:** ([LIS 7040 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7070 Special Libraries and Information Centers Cr. 3**

History, organization, and functions of various types of special libraries and skills necessary to deliver a wide range of services. Offered Winter.

**Prerequisites:** ([LIS 6120 with a minimum grade of C]) AND ([LIS 7040 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7085 Arts and Museum Librarianship Cr. 1**

Fundamental concepts concerning fine arts and museum libraries. Offered Winter.

**Prerequisites:** ([LIS 6120 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7110 Humanities Information Services and Resources Cr. 1**

The nature of the arts and the humanities; information needs of the artist, the humanistic scholar, and the layman; library programs in the arts and the humanities; problems of communication and information in the several humanistic fields of study. Offered Yearly.

**Prerequisites:** ([LIS 6120 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7120 Science and Technology Information Services and Resources Cr. 1**

The generation, organization and pattern of bibliographic control of the literature of both the basic and the applied sciences. Characteristics of the scientific method and the scientific community. Bibliographic organization, reference tools and major databases. Offered Irregularly.

**Prerequisites:** ([LIS 6120 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7130 Social Sciences Information Services and Resources Cr. 1**

Characteristics of the social science disciplines: structure, concepts, methods of investigation. Major figures and significant works in the general field. Bibliographic control, reference tools, instructional resources. Offered Irregularly.

**Prerequisites:** ([LIS 6120 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7140 Advanced Reference Service Strategies Cr. 3**

Information needs and seeking behaviors, reference interview techniques, and information literacy. Offered Fall.

**Prerequisites:** ([LIS 6120 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7160 Advanced Online Searching Cr. 3**

Advanced topics in online searching using broad range of databases, including Internet resources. Topics include: sophisticated search strategies, competitive intelligence, retrieval and organization of citations. Offered Winter.

**Prerequisites:** ([LIS 6120 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7250 Programming and Services for Children and Young Adults Cr. 3**

Principles and procedures for planning, managing and delivery of public library services to children and young adults. Offered Winter.

**Prerequisites:** ([LIS 6080 with a minimum grade of C]) AND ([LIS 6010 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7310 School Library Media Programs Cr. 3**

Role of library media programs in the school; methods of planning, organizing, and operating such programs; impact of technology upon instruction and library service. Core course. Offered Biannually.

**Prerequisites:** ([LIS 6010 with a minimum grade of C]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7320 The Media Specialist as Teacher and Instructional Consultant Cr. 3**

Instructional functions of the library media specialist in terms of integrating information processing skills in the curriculum through the instructional design process by working in partnership with teachers and applying the principles of teaching and learning theories. Offered Biannually.

**Prerequisites:** ([LIS 6010 with a minimum grade of C]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7340 Collection Development and Selection of Materials Cr. 3**

Philosophy, principles and procedures for provision of materials and a collection that will meet the needs of the library's clientele. Concepts and procedures of community study, intellectual freedom, evaluation of materials, the use of selection aids, and an introduction to the publishing world. Offered Every Term.

**Prerequisites:** ([LIS 6010 with a minimum grade of C]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate or Law level students; enrollment limited to students in the School of Information Sciences.

**LIS 7350 Advanced Instructional Design Tools and Techniques Cr. 4**

Exploration and application of those techniques, tools and competencies characteristic of expert designers. Topics may include: use of design software, program design, advanced analysis techniques, motivation design, rapid prototyping, reducing design cycle time, designing instruction for diverse learner populations. Offered Yearly.

**Prerequisites:** ([LIS 6350 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**Equivalent:** LDT 7110

**LIS 7370 Multicultural Information Services and Resources Cr. 3**

Study of impact of cultural diversity on library services; development of relevant collections; effective interaction with a diverse community. Offered Winter.

**Prerequisites:** ([LIS 6120 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7400 Urban Libraries Cr. 1**

Interdisciplinary approach to planning, managing, and implementing services in urban libraries. Offered Irregularly.

**Prerequisites:** ([LIS 7040 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7410 Software Productivity Tools Cr. 3**

Concepts and skills for application and use of productivity tools in contemporary information environment. Offered Yearly.

**Prerequisites:** ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7415 Project Management Cr. 3**

Identification of current information systems and problems, determination and definition of information needs and requirements, evaluation of alternative solutions. Offered Winter.

**Prerequisites:** ([LIS 7040 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7420 Website Development Cr. 3**

Use of Internet protocols (ftp, telnet, smtp, http, gopher), location of Internet resources for library reference and research uses, construction of World Wide Web resources using HTML and successor technologies. Offered Every Term.

**Prerequisites:** ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7430 Building Web-Based Information Services Cr. 3**

Principles of systems administration, file server supervision and local networks, and Internet and the World Wide Web management for library, information science, and archival environments. Offered Fall.

**Prerequisites:** ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7435 Integrated Library Systems Cr. 3**

Practical experience with common Integrated Library Systems; understanding the role of ILS in function of the information organization. Extensive use of computing facilities. Offered Spring/Summer.

**Prerequisites:** ([LIS 6210 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7440 Scripting Languages Cr. 3**

Basic skills in using scripting languages to program and manipulate data structures for text information in library applications such as databases and websites. Offered Winter.

**Prerequisites:** ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7450 Digital Imaging Cr. 3**

Overview of imaging, metadata, color theory, digital preservation and graphics, video processing; role this technology plays in presentation and dissemination of information. Offered Fall.

**Prerequisites:** ([LIS 6010 with a minimum grade of C]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7460 Database Concepts Cr. 3**

Fundamentals of database design and basics of database implementation; focus on library and information science practice. Related and current database management technologies used in hands-on experiences. Offered Yearly.

**Prerequisites:** ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7470 Information Architecture Cr. 3**

Dissemination of information that affects context, content and user. Associations with website development; use in technical writing, presentation preparation, report generation. Offered Winter.

**Prerequisites:** ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7490 Competitive Intelligence and Data Mining Cr. 3**

Use of multidimensional databases, competitive intelligence and visualization software, data mining tools; access to disparate information sources to support and provide a structure for fact-based decision making. Offered Fall.

**Prerequisites:** ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7491 Data Analytics Cr. 3**

Key areas of information analytics used by data librarians: quantitative statistics, computer simulation, and data mining tools/techniques. Offered Yearly.

**Prerequisites:** ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7492 Information Visualization Cr. 3**

Analysis of large data sets and drawing insights through use of information technology tools, statistical techniques, charts and graphs. Offered Yearly.

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7500 Information Behavior Cr. 3**

Totality of human behavior in relation to sources and channels of information. Information needs and barriers; information seeking, use and dissemination; information poverty and information overload; topics studied in variety of contexts. Offered Fall.

**Prerequisites:** ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7610 Health Sciences Information Services and Resources Cr. 3**

First in series of three courses, designed to provide students with skills necessary to become health sciences librarians. Offered Biannually.

**Prerequisites:** ([LIS 6120 with a minimum grade of C]) AND ([LIS 6210 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7620 Introduction to Health Informatics and E-Science Cr. 3**

Overview of health informatics and e-science, and critical role of health information technologies to enhance quality healthcare. Offered Winter.

**Prerequisites:** ([LIS 6080 with a minimum grade of C]) AND ([LIS 6010 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7645 Practicum: Urban Librarianship Cr. 6**

On-site experience in an urban library under direction of professional librarian and supervision of faculty member. Theory and competencies relevant to the environment. Seminars to be arranged. Offered Every Term.

**Prerequisites:** ([LIS 6010 with a minimum grade of B]) AND ([LIS 6080 with a minimum grade of B])

**Restriction(s):** Enrollment limited to students in the GC in Urban Librarianship program; enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7710 Archival Administration Cr. 3**

Basic training in archival methods. Offered Fall.

**Prerequisites:** ([LIS 6010 with a minimum grade of C]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Equivalent:** HIS 7840

**LIS 7730 Administration of Audio Visual Collections Cr. 3**

Basic course in the fundamentals of administering a visual collection: evaluation, organization, and control of visual collections in archives, librarians, historical agencies, and museums. Offered Winter.

**Prerequisites:** ([LIS 7710 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Equivalent:** HIS 7890

**LIS 7740 Archives and Libraries in the Digital World Cr. 3**

Overview of electronic tools and the role of digital process in libraries and archives. Offered Biannually.

**Prerequisites:** ([LIS 6010 with a minimum grade of C and LIS 6010] OR [LIS 7710] OR [HIS 7840]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Equivalent:** HIS 7745

**LIS 7750 Introduction to Archival and Library Conservation Cr. 3**

Fundamentals of archival and library conservation problems and methods essential for effective preservation management of paper and associated materials. Offered Biannually.

**Prerequisites:** ([LIS 6010 with a minimum grade of C and LIS 6010] OR [LIS 7710] OR [HIS 7840]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Equivalent:** HIS 7810

**LIS 7770 Oral History: A Methodology for Research Cr. 3**

Techniques of gathering data from individuals for use in research, classroom teaching, historical, cultural or other contexts. Offered Fall.

**Prerequisites:** ([LIS 6010 with a minimum grade of C]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Equivalent:** HIS 7860

**LIS 7780 Description and Access for Archives Cr. 3**

Investigation of description of archival materials emphasizing the electronic technologies and standard practices. Offered Yearly.

**Prerequisites:** ([LIS 7710 with a minimum grade of C] OR [HIS 7840 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Equivalent:** HIS 7820

**LIS 7790 History of Books, Printing, and Publishing Cr. 3**

Development of writing, the alphabet, early materials, manuscripts, paper making, invention and spread of printing, famous presses, modern methods of print and electronic production. The book as artistic output of the culture and part of the world in which it was produced. Offered Yearly.

**Prerequisites:** ([LIS 6010 with a minimum grade of C]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7850 Issues in Librarianship Cr. 1-3**

Critical analysis of library research, socio-technological trends, implications for the profession. Topics to be announced in Schedule of Classes. Offered Yearly.

**Prerequisites:** ([LIS 6010 with a minimum grade of C]) AND ([LIS 6080 with a minimum grade of C])

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Repeatable for 9 Credits**

**LIS 7880 Instructional Methods for Librarians Cr. 3**

Introduction to library instruction, bibliographic instruction, information literacy, or user education for those expected to provide library instruction to clients. Offered Yearly.

**Prerequisites:** ((LIS 6120 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**LIS 7885 Administration of Historical Agencies Cr. 3**

The operation of public and private historical agencies, archives and museums. Determination of agency priorities, problems of staffing and finance, governmental regulations, community relations, and professional ethics. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Equivalent:** HIS 7880

**LIS 7900 Digital Libraries Cr. 3**

Critical issues, theoretical and practical principles of digital libraries. Offered Yearly.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C)) AND ((LIS 6120 with a minimum grade of C)) AND ((LIS 6210 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7910 Metadata in Theory and Practice Cr. 3**

Theoretical and practical principles of metadata used to provide access to digital objects online. Offered Yearly.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C)) AND ((LIS 6120 with a minimum grade of C)) AND ((LIS 6210 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7920 Digital Curation and Preservation Cr. 3**

Theoretical principles and practical aspects of digital curation and preservation within libraries, museums, archives and other institutions administering data and digital content. Offered Yearly.

**Prerequisites:** ((LIS 6210 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7940 Human-Computer Interaction Cr. 3**

Interactions between human beings and computer technologies through usability evaluations and user experience design. Offered Fall.

**Prerequisites:** ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7950 Practicum: Library Services Cr. 3**

Practical experience with digital content under direction of professional librarian and supervision of faculty member. Theory and competencies relevant to the environment. Seminars to be arranged. Offered Yearly.

**Prerequisites:** (9 credits from LIS 6000-9999) AND ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C)) AND ((LIS 6120 with a minimum grade of C)) AND ((LIS 6210 with a minimum grade of C)) AND ((LIS 7040 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7960 Practicum: Information Management Cr. 3**

Practical experience with technology-based information management under direction of information professional and supervision of a faculty member. Theory and competencies relevant to the project activities. Seminars to be arranged. Offered Every Term.

**Prerequisites:** ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7970 Practicum: Archives Cr. 3**

On-site experience in archival center under direction of professional librarian or archivist and supervision of faculty member. Theory and competencies relevant to the environment. Offered Winter, Spring/Summer.

**Prerequisites:** ((LIS 7710 with a minimum grade of C)) AND ((LIS 7780 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Equivalent:** HIS 7685

**LIS 7975 Practicum: Digital Content Cr. 3**

Practical experience with digital content under direction of professional librarian and supervision of faculty member. Theory and competencies relevant to the environment. Offered Every Term.

**Prerequisite:** LIS 7900, with a minimum grade of C ; LIS 7910, with a minimum grade of C ; LIS 7920, with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**Repeatable for 6 Credits**

**LIS 7980 Practicum: School Media Cr. 2-3**

On-site experience in school library media/information center under direction of professional librarian and supervision of faculty member; theory and competencies. Seminars to be arranged. Offered Every Term.

**Prerequisites:** (9 credits from LIS 6000-9999) AND ((LIS 6120 with a minimum grade of C, LIS 6210 with a minimum grade of C, and LIS 7310 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 7990 Research and Directed Study Cr. 1-8**

Directed study and individual research under faculty guidance. Offered Every Term.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

**Repeatable for 8 Credits**

**LIS 7996 Research for the Information Profession Cr. 3**

Role of research in development of the profession. Research methods; analysis and evaluation of research reports. Core course. Offered Every Term.

**Prerequisites:** ((LIS 6120 with a minimum grade of C)) AND ((LIS 6210 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 8000 Seminar in Information Policy Cr. 3**

How information policies improve or set constraints on the goals and objectives of libraries and other information organizations. Effect of policies on interpersonal and financial quality of communities. Economic, technical, and ethical policy questions. Offered Yearly.

**Prerequisites:** ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 8040 Advanced Library and Information Science Administration and Management Cr. 3**

Theory and practice of upper-level management in libraries, information centers, records and information management environments and archives. Offered Irregularly.

**Prerequisites:** ((LIS 7040 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 8110 Government Information Policies and Resources Cr. 3**

Selection, acquisition, access, and reference use of major federal, state and local documents. Overview of federal publishing program; the document-generating processes of congress, the judiciary, and the executive departments and regulatory agencies; the federal, state and local documentary system. Federal information policies and role of professional and governmental agencies in formulating policy. Offered Irregularly.

**Prerequisites:** ((LIS 6120 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 8120 Legal Information Resources and Services Cr. 1**

Characteristics of legal literature, including federal, state and administrative law; structure of U.S. court system and its publications; introduction to legal databases; special problems in legal reference service and administration; selection and use of basic tools in legal research. Offered Irregularly.

**Prerequisites:** ((LIS 6120 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 8130 Business and Industry Information Resources Cr. 1**

Exploration of the structure, functional organization, and information needs of industrial, investment, and business enterprises. Study of bibliographic control of relevant literature, information sources, and specialized services. Offered Irregularly.

**Prerequisites:** ((LIS 6120 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 8210 Advanced Classification and Cataloging Cr. 3**

Advanced problems in descriptive cataloging, including different forms of materials, and automated cataloging. Further study of theory, structure and application of classification systems and subject heading lists. Offered Irregularly.

**Prerequisites:** ((LIS 6210 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 8230 Indexing and Abstracting Cr. 3**

Indexing and abstracting theoretics, standards, and practice in a range of disciplines, materials, and formats. Vocabulary control and thesaurus construction. Automatic indexing and computerized applications in information processing. Offered Irregularly.

**Prerequisites:** ((LIS 6010 with a minimum grade of C)) AND ((LIS 6080 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 8370 Cultural Competence for Library and Information Professionals Cr. 1**

Discussion of socio-historical emergence of multiple user communities as a prerequisite for integrating library services into these communities. Focus on critical content. Offered Irregularly.

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**LIS 8410 Topics in Information Management Cr. 1-3**

Current topics affecting information management systems and services. Topics to be announced in Schedule of Classes. Offered Every Term.

**Prerequisites:** ((LIS 6010 with a minimum grade of C))

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

**Repeatable for 9 Credits**

**LIS 8998 Specialist's Research Seminar Cr. 3**

Advanced research methods and application. Offered Spring/Summer.

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.