

LIS-LIBRARY AND INFORMATION STUDIES

LIS 1013 Acquiring Knowledge in the Digital Age 3 Credit Hours

The general process of defining information needs in selecting appropriate information sources. Intended to make students more knowledgeable consumers of information. Exercises in the use of information resources stressing the full range of sources and services available in libraries and information centers. (F, Sp) [I-O].

LIS 2003 Introduction to Information Studies 3 Credit Hours

Explores the definition, impact, and history of information and information transmission. Introduces technology used to create, read, store, retrieve and transmit information. Analyzes societal institutions, techniques, and processes for the creation, distribution and management of information. Assesses the role of the information professions and information systems in culture and society. (F, Sp) [III-SS].

LIS 3440 Mentored Research Experience 3 Credit Hours

0 to 3 hours. Prerequisites: ENGL 1113 or equivalent, and permission of instructor. May be repeated; maximum credit 12 hours. For the inquisitive student to apply the scholarly processes of the discipline to a research or creative project under the mentorship of a faculty member. Student and instructor should complete an Undergraduate Research & Creative Projects (URCP) Mentoring Agreement and file it with the URCP office. Not for honors credit. (F, Sp, Su)

LIS 3960 Honors Reading 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program. May be repeated; maximum credit six hours. Consists of topics designated by the instructor in keeping with the student's major or program. The topics will cover materials not usually presented in the regular courses. (F, Sp, Su)

LIS 3970 Honors Seminar 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program. May be repeated; maximum credit six hours. Subjects covered vary. Deals with concepts not usually treated in regular courses. (Irreg.)

LIS 3980 Honors Research 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to the Honors Program. May be repeated; maximum credit six hours. Will provide an opportunity for the gifted Honors candidate to work at a special project in the student's field of study. (F, Sp, Su)

LIS 3990 Independent Study 1-3 Credit Hours

1 to 3 hours. Prerequisite: permission of instructor and junior standing. May be repeated once with change of content. Independent study may be arranged to study a subject not available through regular course offerings. (F, Sp, Su)

LIS 4063 Information and Communication Technology 3 Credit Hours

(Slashlisted with LIS 5063) Prerequisite: junior standing. Introduction to the theory and applications of information and communication technologies including hardware, software, systems, systems analysis and the nature and functionality of networks; social, technical and organizational influences on the use and users of information technology. No student may earn credit for both 4063 and 5063. (F, Sp)

LIS 4143 Government Information 3 Credit Hours

(Slashlisted with LIS 5143) Prerequisite: junior standing. Introduces students to current policy, technology, and social factors that drive government resource and information production, distribution, and access. Topics include transformation of government information; information discovery skill sets, models, and techniques; evaluation of information use and value; and government information issues (e.g. access, authentication, privatization, preservation). No student may earn credit for both 4143 and 5143. (F)

LIS 4213 Social Informatics 3 Credit Hours

(Slashlisted with LIS 5213) Prerequisite: LIS 2003. Social Informatics analyzes interactions among people and information/communication technologies (ICTs). Issues covered include basic concepts of social systems, ICTs, and their interactions; uses of mobile information technology devices; online interaction and virtual community; information technology and work; and laws and policies related to information technologies. No student may earn credit for both 4213 and 5213. (Sp)

LIS 4223 Information Technology Management 3 Credit Hours

(Slashlisted with LIS 5223) Prerequisite: LIS 4063 or permission of instructor. Fundamentals of planning, designing, and managing information technology solutions; market and trend analysis; planning and assessment techniques and tolls; human factors in technology management. No student may earn credit for both 4223 and 5223. (Sp, Su)

LIS 4303 Children's Literature 3 Credit Hours

Prerequisite: junior standing. Survey, evaluation and selection of materials for children; interests and needs of various age groups; methods of stimulating reading and listening. Reading of books for children is emphasized. (Correspondence)

LIS 4453 Digital Collections 3 Credit Hours

(Slashlisted with LIS 5453) Prerequisite: junior standing. Introduction to the creation and development of digital collections and to the technical requirements for storage and dissemination of digital materials. Topics will include creation, development, organization, maintenance, and use of digital collections. Students will explore a variety of techniques and technologies for digitizing materials; evaluate the strengths and limitations of current efforts in creating, collecting and organizing digital materials; and explore the different opportunities and challenges of digital libraries, repositories, and archives. No student may earn credit for both 4453 and 5453. (Sp)

LIS 4523 Online Information Retrieval 3 Credit Hours

(Slashlisted with LIS 5523) Prerequisite: junior standing. Structure, content, and application of online databases for education, research, business, and public use. Principles and techniques for the evaluation of online databases and services. Document representation, information need specification and query formulation for online information retrieval. No student may earn credit for both 4523 and 5523. (F)

LIS 4553 Competitive Intelligence 3 Credit Hours

(Slashlisted with LIS 5553) Prerequisite: permission of instructor. An introduction to competitive intelligence in various contexts, appropriate for non-profit and for-profit environments. Topics will include developing and implementing the competitive intelligence process, accessing and validating sources, information gathering, auditing, and decision making with special emphasis on strategies, systems, and ethics in competitive intelligence. No student may earn credit for both 4553 and 5553. (Irreg.)

- LIS 4613 Dynamic Web Development 3 Credit Hours**
(Slashlisted with LIS 5613) Prerequisite: junior or senior standing and LIS 4063. The interactive web design server interaction with special emphasis on database connectivity and application development on the internet. No student may earn credit for both 4613 and 5613.(F)
- LIS 4623 Introduction to Data Mining for Information Professionals 3 Credit Hours**
(Slashlisted with LIS 5623) Prerequisite: junior or senior standing. Data mining (DM) is the ability to discover useful patterns and relationships in large sets of data. DM is an induction-based set of computer-based methodologies to extract previously unknown patterns in data and can provide a way to both understand and predict behavior. No student may earn credit for both 4623 and 5623. (F)
- LIS 4633 Design and Implementation of Web-based Information Services 3 Credit Hours**
(Slashlisted with LIS 5633) Prerequisite: junior standing. Design fundamentals for web-based information services; information services; implementation of storage, access, and distribution systems; knowledge representation methods; metadata and information structures; connectivity infrastructure; characteristics and behavior of networked audiences; systems use and usability. No student may earn credit for both 4633 and 5633. (F)
- LIS 4643 Introduction to Data Analytics 3 Credit Hours**
(Slashlisted with LIS 5643) Prerequisite: LIS 2003. Introduction to the theory and application of data analytics including various big data analytical tools and models, different forms of information, and statistical understanding of, and applications to, different big data methods and interpretation of statistics within the chosen model. No student may earn credit for both 4643 and 5643. (F)
- LIS 4663 Information Studies Capstone 3 Credit Hours**
Prerequisite: 2003, 3003, 4003, 4103, and senior standing. Capstone course for the Bachelor of Arts in Information Studies; design and development of an operational prototype information system in a selected organizational setting. Introduces project management terms, techniques, and effect on the success of information technology projects. (F, Sp, Su) [V].
- LIS 4673 Introduction to Information Visualization 3 Credit Hours**
(Slashlisted with LIS 5673) Prerequisite: junior or senior standing. Information visualization is becoming key to LIS, due to the growing need for visual literacy and to the growing demand for data resources in almost all disciplines. Covers basics of developing and evaluating information visualizations and the importance of data accuracy. No student may earn credit for both 4673 and 5673. (F)
- LIS 4683 Database Design for Information Organizations 3 Credit Hours**
(Slashlisted with LIS 5683) Prerequisite: junior standing. Introduction to the theory and application of database design including information storage and retrieval, data modeling, record structure, data normalization, data security, relational database models, query language, client-server systems, data warehousing and data mining. The social, technological and organizational needs in database design will be examined. No student may earn credit for both 4683 and 5683. (Sp)
- LIS 4823 Internship in Information Studies 3 Credit Hours**
Prerequisite: LIS 4063 and LIS 4633, or permission of instructor and adviser. Provides an opportunity for student synthesis of principles and theories acquired in coursework and application of these principles and theories in a working environment. Under professional supervision, the student will complete 135 hours emphasizing general understanding of the specific assignment and completion of a focused project. (F, Sp)
- LIS 4920 Directed Research 1-3 Credit Hours**
1 to 3 hours. Prerequisite: LIS 4063 and LIS 4633, or permission of instructor and adviser. May be repeated; maximum credit three hours. Faculty supervised research; requires written report. (Irreg.)
- LIS 4940 Directed Project 1-3 Credit Hours**
1 to 3 hours. Prerequisite: LIS 4063 and LIS 4633 and senior standing, or permission of instructor and adviser. May be repeated; maximum credit three hours. Faculty supervised design and implementation of an information project that applies principles and theories acquired in coursework to solution of information problems in practical settings. Requires a project prospectus and written report. (Irreg.)
- LIS 4960 Directed Readings 1-3 Credit Hours**
1 to 3 hours. Prerequisite: Junior standing and permission of instructor. May be repeated; maximum credit three hours. Faculty supervised exploration of an area of information studies not covered in regularly offered courses. (Irreg.)
- LIS 4970 Special Topics/Seminar 1-3 Credit Hours**
1 to 3 hours. Prerequisite: Senior standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)
- LIS 4990 Independent Study 1-3 Credit Hours**
1 to 3 hours. Prerequisite: junior standing and permission of instructor. May be repeated; maximum credit nine hours. Examination and discussion of current problems in information studies. (F, Sp, Su)
- LIS 5023 Management of Information and Knowledge Organizations 3 Credit Hours**
Prerequisite: graduate standing and LIS 5033, or concurrent enrollment. Theories, processes, behaviors, and issues that allow knowledge-based institutions to transform themselves into ones that organize and share knowledge in an effective, efficient manner; leadership, motivation and organizational communication; management of knowledge workers; and ethical and legal aspects of managing information and knowledge organizations. (F, Sp)
- LIS 5033 Information and Knowledge Society 3 Credit Hours**
Prerequisite: graduate standing or permission of instructor. The nature of knowledge and information; national and global organizational information infrastructure; the role of information and knowledge professionals in the knowledge society; information policy; economics of information; information industries; legal and ethical considerations in information and knowledge systems. (F, Sp)
- LIS 5043 Organization of Information and Knowledge Resources 3 Credit Hours**
Prerequisite: graduate standing and LIS 5033 or concurrent enrollment. Organization of internal and external sources of information; information services and tools; basic concepts of information storage and retrieval systems; design and structure of information systems; identification and organization of knowledge resources such as expertise, skills and competencies; knowledge organization methods such as classification, cataloguing, taxonomies and metadata; search strategies and information retrieval. (F, Sp)

- LIS 5053 Information Users in the Knowledge Society 3 Credit Hours**
Prerequisite: graduate standing and LIS 5033 or concurrent enrollment. Information use by people in various roles, situations, and contexts, individually and in groups. Information behavior and the influence of learning and cognitive processes; value systems; and situational, psychological, sociological, and political perspectives. Application of study of user information behavior to textual, graphical, and visual representation of knowledge. Includes both theoretical models and practical methodologies for study of uses and for user-centered design of information and knowledge systems and services. (F, Sp)
- LIS 5063 Information and Communication Technology 3 Credit Hours**
(Slashlisted with LIS 4063) Prerequisite: LIS 5033 or concurrent enrollment. Introduction to the theory and applications of information and communication technologies including hardware, software, systems, systems analysis and the nature and functionality of networks; social, technical and organizational influences on the use and users of information technology. No student may earn credit for both 4063 and 5063. (F, Sp)
- LIS 5123 Literature and Methods For Readers' Advisory Services 3 Credit Hours**
Prerequisites: 5033 and 5053. Examination of value and role of leisure reading in U.S. public libraries; interview techniques, support processes, and bibliographic resources for providing services to adults and older adolescent readers. (Irreg.)
- LIS 5133 Biomedical Bibliography and Reference Materials 3 Credit Hours**
Prerequisite: LIS 5033 or permission of instructor. Provides an in-depth study of the organization of medical reference departments; reference sources in the health sciences; and the major textbooks in the basic sciences, clinical sciences, and related specialties. Medical audiovisuals, periodicals, indexes and abstracts are included as is automated searching of medical literature. Basic medical terminology is an integral part of the course and given special consideration. (F)
- LIS 5143 Government Information 3 Credit Hours**
(Slashlisted with LIS 4143) Prerequisite: LIS 5033 or permission of instructor. Introduces students to current policy, technology, and social factors that drive government resource and information production, distribution, and access. Topics include transformation of government information; information discovery skill sets, models, and techniques; evaluation of information use and value; and government information issues (e.g. access, authentication, privatization, preservation). No student may earn credit for both 4143 and 5143. (F)
- LIS 5163 Biomedical Databases 3 Credit Hours**
Prerequisite: LIS 5133 or permission of instructor. An in-depth approach to the on-line databases supplied by the National Library of Medicine and to the biomedical databases supplied by commercial companies. Deals with all aspects of searching, including the development of effective policies and procedures. Differences and similarities among the databases are emphasized. (F)
- LIS 5173 Diversity Fundamentals in LIS 3 Credit Hours**
Prerequisite: LIS 5033. Awareness of, and sensitivity to, diverse groups and multicultural heritages; information needs of multiethnic and diverse populations; information needs assessment and analysis; program and service planning. (Su)
- LIS 5183 Information Resources and Services for Children 3 Credit Hours**
Prerequisite: LIS 5033. Course covers childhood development and information needs of children; children's information behavior, learning, and reading; contemporary children's literature; digital media and technology; early literacy, information literacy, and 21st-century skills; selection/evaluation of information resources; information services for children; and 21st-century trends in children's services. (F)
- LIS 5193 Information Resources and Services for Young Adults 3 Credit Hours**
Prerequisite: LIS 5033. Covers developmental characteristics and information needs of young adults; young adults' information behavior, learning, and reading; contemporary young adult literature; digital media and technology; information literacy and 21st-century skills; selection/evaluation of information resources; information services for young adults; and 21st-century trends in youth services. (Sp)
- LIS 5203 Leadership in Information Organizations 3 Credit Hours**
Prerequisite: LIS 5023 or concurrent enrollment and LIS 5033. Sociopolitical, technological, fiscal and organizational factors affecting the delivery of information products and services. Emphasis will be on the analysis, planning, and evaluation in academic and special libraries. (F, Sp)
- LIS 5213 Social Informatics 3 Credit Hours**
(Slashlisted with LIS 4213) Prerequisite: graduate standing. Social Informatics analyzes interactions among people and information/communication technologies (ICTs). Issues covered include basic concepts of social systems, ICTs, and their interactions; uses of mobile information technology devices; online interaction and virtual community; information technology and work; and laws and policies related to information technologies. No student may earn credit for both 4213 and 5213. (Sp)
- LIS 5223 Information Technology Management 3 Credit Hours**
(Slashlisted with LIS 4223) Prerequisite: graduate standing and LIS 5033 and LIS 5063 or permission of instructor. Fundamentals of planning, designing, implementing, and managing information technology solutions; market and trend analysis; planning and assessment techniques and tools; human factors in technology management. No student may earn credit for both 4223 and 5223. (Sp, Su)
- LIS 5233 Oklahoma Information Environment 3 Credit Hours**
Prerequisite: LIS 5033 or permission of school. Interaction between information and culture in the state of Oklahoma with emphasis on information needs, resources, and challenges; research collections; public libraries; tribal libraries and tribal colleges; digital technologies; in-depth exploration of library, museum, archival, and other information services and resources for Oklahomans. (Su)
- LIS 5253 Community Relations and Advocacy 3 Credit Hours**
Prerequisite: LIS 5023, LIS 5033. Examination of the communication process by which the library/information center personnel satisfy user needs and provide/transmit information about the program objectives and functions to develop public awareness and support. Involves as audiences: the users, the library/information center staff, general public, governance entities, political representatives, educational and service agencies, and professional organizations. (F)
- LIS 5283 School Library Administration 3 Credit Hours**
Prerequisite: LIS 5023 and LIS 5033. History and role of school libraries in the educational program; planning, organizing and administering library programs in the elementary and secondary schools. (Sp)

- LIS 5343 Archival Concepts and Traditions 3 Credit Hours**
Prerequisite: LIS 5033. Introduction to the principles and practice of collecting, servicing, and arranging archival holdings. Includes appraisal, acquisition, arrangement and description, preservation, and administration of institutional archives. Attention to issues of preservation, intellectual property, and service in both physical and digital environments. (Sp alternating semesters)
- LIS 5403 Cataloging and Classification 3 Credit Hours**
Prerequisite: 5033, 5043. Detailed study of principles and practices of cataloging and classification according to current standards. Instruction covers original descriptive cataloging, subject analysis and classification. (alt. F, irreg. Su)
- LIS 5413 Indexing and Abstracting 3 Credit Hours**
Prerequisite: graduate standing, LIS 5033 and LIS 5043. History, principles, techniques and applications of indexing, abstracting, and vocabulary control. Includes file organization and maintenance, information representation and coding, natural language processing, and thesaurus construction. (Irreg.)
- LIS 5443 Collection Development and Management 3 Credit Hours**
Prerequisite: LIS 5033 and LIS 5043. Examination of the acquisition and evaluation processes used for building and maintaining collections in all formats. Formulation and implementation of collection development policies, identification of user needs, selection methods and tools, storage alternatives, publishing and intellectual freedom, administrative and legal issues including licensing and contract negotiation. (F)
- LIS 5453 Digital Collections 3 Credit Hours**
(Slashlisted with LIS 4453) Prerequisite: LIS 5033, LIS 5043, LIS 5063. Introduction to the creation and development of digital collections and to the technical requirements for storage and dissemination of digital materials. Topics will include creation, development, organization, maintenance, and use of digital collections. Students will explore a variety of techniques and technologies for digitizing materials; evaluate the strengths and limitations of current efforts in creating, collecting and organizing digital materials; and explore the different opportunities and challenges of digital libraries, repositories, and archives. No student may earn credit for both 4453 and 5453. (Sp)
- LIS 5463 Archival Representation and Use 3 Credit Hours**
Prerequisite: LIS 5033 or permission of instructor. Introduction to the principles and practices of collecting, servicing, and arranging archival holdings. Includes elements of appraisal, acquisition, and preservation with significant focus on archival arrangement, description, and administration of institutional archives. (Sp)
- LIS 5473 Document and Records Management 3 Credit Hours**
Prerequisite: graduate standing, LIS 5033 and LIS 5043. The systematic capture, acquisition, and processing, storage, and control of documents in all formats, including their management as records throughout the life cycle from creation to final disposition. Introduction to principles, methodologies, administration, tools, and techniques in various settings. (Irreg.)
- LIS 5503 Information Literacy and Instruction 3 Credit Hours**
Prerequisites: 5033 and 5053. Instructional methods and materials for the acquisition and development of information literacy skills; theories of instruction and current trends in information literacy instruction. (Irreg.)
- LIS 5513 Information Sources and Services 3 Credit Hours**
Prerequisite: 5033, 5053. Characteristics and use of information sources and systems; policies and procedures for the provision of user-centered service in libraries and other information agencies. Introduction to basic reference tools in both print and electronic formats. (F, Sp, irreg. Su)
- LIS 5523 Online Information Retrieval 3 Credit Hours**
(Slashlisted with LIS 4523) Prerequisite: LIS 5033 and LIS 5053. Structure, content, and application of online databases for education, research, business, and public use. Principles and techniques for the evaluation of online databases and services. Document representation, information need specification and query formulation for online information retrieval. No student may earn credit for both 4523 and 5523. (F)
- LIS 5533 Introduction to Instructional Technology 3 Credit Hours**
(Crosslisted with EIPT 5533) Prerequisite: graduate standing or permission of instructor. Examination of theoretical and critical issues regarding educational technologies. Practical application and development of skills utilizing technology tools. (F)
- LIS 5553 Competitive Intelligence 3 Credit Hours**
(Slashlisted with LIS 4553) Prerequisite: graduate standing, LIS 5033, LIS 5053. An introduction to competitive intelligence in various contexts, appropriate for non-profit and for-profit environments. Topics will include developing and implementing the competitive intelligence process, accessing and validating sources, information gathering, auditing, and decision making with special emphasis on strategies, systems, and ethics in competitive intelligence. No student may earn credit for both 4553 and 5553. (Irreg.)
- LIS 5563 Archival Appraisal 3 Credit Hours**
Prerequisite: LIS 5033. Evaluation and examination of contributions of key figures in development of archival appraisal theory; identification and evaluation of distinct movements in archival appraisal; identification of cultural, political, sociological, and technological movements that can have impact on appraisal methodologies; and development of effective appraisal strategies for a variety of communities. (F even-numbered years)
- LIS 5613 Dynamic Web Development 3 Credit Hours**
(Slashlisted with LIS 4613) Prerequisite: graduate standing and LIS 4603 or LIS 5603. The interactive web design server interaction with special emphasis on database connectivity and application development on the internet. No student may earn credit for both 4613 and 5613. (F)
- LIS 5623 Introduction to Data Mining for Information Professionals 3 Credit Hours**
(Slashlisted with LIS 4623) Prerequisite: graduate standing. Data mining (DM) is the ability to discover useful patterns and relationships in large sets of data. DM is an induction-based set of computer-based methodologies to extract previously unknown patterns in data and can provide a way to both understand and predict behavior. No student may earn credit for both 4623 and 5623. (F)
- LIS 5633 Design and Implementation of Web-based Information Services 3 Credit Hours**
(Slashlisted with LIS 4633) Prerequisite: LIS 5033. Design fundamentals for web-based information services; information services; implementation of storage, access, and distribution systems; knowledge representation methods; metadata and information structures; connectivity infrastructure; characteristics and behavior of networked audiences; systems use and usability. No student may earn credit for both LIS 4633 and LIS 5633. (F)
- LIS 5643 Introduction to Data Analytics 3 Credit Hours**
(Slashlisted with LIS 4643) Prerequisite: LIS 5033. Introduction to the theory and application of data analytics, including various big data analytical tools and models, different forms of information, statistical understanding of, and applications to, different big data methods, and interpretation of statistics within the chosen model. No student may earn credit for both 4643 and 5643. (F)

- LIS 5653 Preservation of Information Materials 3 Credit Hours**
Prerequisite: graduate standing and LIS 5033. Theory and practice of the preservation and conservation of intellectual content and physical artifacts, including paper, microform, and digital records. Emphasis on planning and administering disaster prevention and recovery, preservation, and digitization programs. (Alt. Sp, Irreg. Su)
- LIS 5673 Introduction to Information Visualization 3 Credit Hours**
(Slashlisted with LIS 4673) Prerequisite: graduate standing and LIS 5033. Information visualization is becoming key to LIS, due to the growing need for visual literacy and to the growing demand for data resources in almost all disciplines. Covers the basics of developing and evaluating information visualizations and the importance of data accuracy. (F)
- LIS 5683 Database Design for Information Organizations 3 Credit Hours**
(Slashlisted with LIS 4683) Prerequisite: graduate standing and LIS 5033. Introduction to the theory and application of database design including information storage and retrieval, data modeling, record structure, data normalization, data security, relational database models, query language, client-server systems, data warehousing and data mining. The social, technological and organizational needs in database design will be examined. No student may earn credit for both 4683 and 5683. (Sp)
- LIS 5713 Research and Evaluation Methods 3 Credit Hours**
Prerequisites: LIS 5033. Methods of investigating library and information (LIS) problems; use of evaluation in planning for continuous quality assessment and improvement of LIS policies, processes, and procedures; development of original research designs; evaluation of research studies in LIS. (F, Sp)
- LIS 5823 Internship in Library/Information Centers 3 Credit Hours**
Prerequisite: 18 hours of LIS coursework, including one-half of the required courses, permission of the supervising instructor. Provides an opportunity for student synthesis of principles and theories acquired in coursework and application of these principles and theories in an outstanding library/information center. Under professional supervision, the student will complete 135 hours. (F, Sp, Su)
- LIS 5920 Directed Research 1-3 Credit Hours**
1 to 3 hours. Prerequisite: graduate standing and LIS 5713, permission of instructor and adviser. May be repeated; maximum credit six hours. Research under faculty supervision; requires a written report. (F, Sp, Su)
- LIS 5940 Directed Project 1-3 Credit Hours**
1 to 3 hours. Prerequisite: graduate standing and 24 hours of LIS coursework and permission of instructor and adviser. May be repeated; maximum credit three hours. Design and implementation of a professional project that applies principles and theories acquired in coursework to the solution of professional problems in practical settings. Requires a project prospectus and a written report at conclusion of the project. Conducted under faculty supervision. May not be taken for credit toward the MLIS degree by students electing thesis option. (Irreg.)
- LIS 5960 Directed Readings 1-3 Credit Hours**
1 to 3 hours. Prerequisite: graduate standing and 15 hours of LIS coursework and permission of instructor and adviser. May be repeated; maximum credit six hours. Exploration of an area of library and information studies not covered in regularly offered course. (F, Sp, Su)
- LIS 5970 Special Topics/Seminar 1-3 Credit Hours**
Prerequisite: 1 to 3 hours. Prerequisite: Graduate standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)
- LIS 5980 Research for Master's Thesis 2-9 Credit Hours**
Prerequisite: graduate standing and permission of instructor. Variable enrollment, two to nine hours; maximum credit applicable toward degree, six hours. (F, Sp, Su)
- LIS 5990 Special Problems 1-3 Credit Hours**
1 to 3 hours. Prerequisite: graduate standing and permission of instructor. May be repeated; maximum credit nine hours. Examination and discussion of current problems in librarianship. (Irreg.)
- LIS 6033 Intellectual Traditions in Information Studies 3 Credit Hours**
Prerequisite: graduate standing and permission of school. Introduces students to the main philosophical traditions of research and scholarship that currently inform inquiry in Information Studies. (F)
- LIS 6503 Information Behavior 3 Credit Hours**
Prerequisite: graduate standing and permission of school. Information use by individuals and groups in various roles, situations, and contexts. Influences of learning and cognitive processes; value systems; and situational, psychological, sociological, and political perspectives on information behavior. Application of user studies to textual, graphical, and visual representation of information. Study of theoretical models and practical methodologies in information systems. (Sp)
- LIS 6543 Social and Community Informatics 3 Credit Hours**
Prerequisite: graduate standing and permission of school. Analysis of interactions among people, information/communication technologies (ICTs), and local social settings. Effects of social and technical contexts on the design, implementation, and evaluation of ICTs. Social systems and community contexts, ICTs, and their interactions; uses of mobile information technologies; online interaction and virtual community; information technology and work; and, organizational/institutional information technologies laws and policies. (F)
- LIS 6553 Critical Information Studies 3 Credit Hours**
Prerequisite: graduate standing and permission of school. Introduces students to Critical Theory. It examines the idea of immanent critique developed within the Frankfurt School and how critical theory informs inquiry in Information Studies. (Sp)
- LIS 6713 Research Methods and Design in Information Studies 3 Credit Hours**
Prerequisite: graduate standing and permission of school. A survey of quantitative, qualitative, and historical research designs. Topics covered include ethical issues; conceptualization and measurement; sampling; surveys; and data analysis. (Sp)
- LIS 6920 Directed Research 1-3 Credit Hours**
1 to 3 hours. Prerequisite: graduate standing and permission of school. May be repeated; maximum credit 12 hours. Students will prepare a proposal and have it approved by the SLIS faculty member who will direct the study and their SLIS faculty adviser prior to registration. (F, Sp)
- LIS 6962 Doctoral Research Colloquium 2 Credit Hours**
Prerequisite: graduate standing and permission of school. May be repeated; maximum credit four hours. Serves as a venue for the development of a variety of skills and capacities to succeed as a scholar. Offers a mix of sessions on progression through the Ph.D. degree program, the research process, guidance on the academic profession, and written and oral presentation of scholarly research. (F, Sp)

LIS 6970 Special Topics in the Theory of Information

Studies **1-3 Credit Hours**

1 to 3 hours. Prerequisite: graduate standing and permission of school.

May be repeated with change of subject matter; maximum credit six hours. Topics in information studies for content not currently offered in regularly scheduled courses. May include library and/or research and field projects. (F)

LIS 6980 Research for Doctoral Dissertation **2-16 Credit Hours**

2 to 16 hours. (F, Sp, Su)