LIBRARY AND INFORMATION STUDIES (LIS)

GRADUATE COURSES

G5023 Management of Information and Knowledge Organizations (crosslisted with Knowledge Management 5023). Prerequisite: 5033. 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, ethical and legal aspects of managing information and knowledge organizations. (F, Sp)

G5033 Information and Knowledge Society (crosslisted with Knowledge Management 5033). 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. This course is a prerequisite or corequisite for all courses required for the MLIS or MSKM and must be completed in a student’s first semester or summer session as an MLIS or MSKM student. (F, Sp, Su)

G5043 Organization of Information and Knowledge Resources (crosslisted with Knowledge Management 5043). Prerequisite: 5033. 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)

G5053 Information Users in the Knowledge Society (crosslisted with Knowledge Management 5053). Prerequisite: 5033. 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)

G5123 Literature and Methods for Readers' Advisory Services. 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.)

G5143 Government Publications (Crosslisted with History 5143). Prerequisite: 5013 or permission of instructor. Acquaints the student with the basic reference sources that provide access to the publications of governmental organizations. United States government publications are stressed. Topics include: the basic catalogs and indexes; depository system; acquisition, selection, organization, use and on-line retrieval of government publications. (Sp)

G5153 Science and Technology Information Sources. Prerequisite: 5013. Information sources and systems in science and technology, with emphasis on information-seeking behaviors and search strategies, and on the use of print and on-line sources to meet the needs of different clienteles. (F)

G5173 Social Science and Humanities Information Sources. Prerequisite: 5013. Information sources and systems in selected social science and humanities disciplines, with emphasis on information-seeking behaviors and search strategies, and on the use of print and on-line sources to meet needs of different clienteles. (Su)
G5183 Books and Materials for Children. Prerequisite: 5033. Seminar involving in-depth criticism of children's materials; thematic/issues approach to reading guidance; contemporary trends; recent literature; children's information literacy and critical thinking skills; and selection/evaluation. (F, even-numbered years)

G5193 Books and Materials for Young Adults. Prerequisite: 5033. In-depth criticism of young adult material; seminar involving thematic/issue approach to reading guidance; contemporary trends; recent literature; young adult's information literacy and critical thinking skills; and selection/evaluation. (Irreg.)

G5223 Information Technology Management (Slashlisted with 4223; Crosslisted with Knowledge Management 5223). Prerequisite: 5033 and 5603 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. (Irreg.)


G5253 Community Relations and Advocacy. Prerequisite: 5023, 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. (Alt. F, irreg. Su)

G5263 Organizational Learning and Learning Organizations (Crosslisted with Knowledge Management 5263). Prerequisite: 5033; 5053. Theories and models of individual, group, team, and organizational learning; creation and management of learning organization; organizational behavior and organizational culture; group team management; group team, and organizational leadership; conflict and agreement; change management. (Irreg.)


G5283 School Library Media Center Administration. Prerequisite: 5023, 5033. History and role of school library media centers in the educational program; planning, organizing and administering library programs in the elementary and secondary schools. (alt. Sp, irreg. Su)

G5293 Special Library and Information Center Administration. Prerequisite: 5023, 5033. Historical, sociopolitical, technological, fiscal and organizational factors affecting special librarianship. Emphasis on institutional analysis, planning, and evaluation. (Alt. Sp, Irreg. Su)

G5323 Adult Services in Library and Information Centers. Prerequisite: 5013. An overview of adult services with the purpose of deciding upon appropriate service strategies for libraries. Various research studies will be examined to enhance understanding of the nature of adults as readers, learners and users of libraries. (Alt. Su)

G5333 Multicultural Librarianship. Prerequisite: 5033. Awareness of and sensitivity to multicultural heritages; diverse information needs of multiethnic populations; information needs assessment and analysis; program and service planning. (Sp, even-numbered years)

G5343 History of Information Transfer and Information Agencies. Overview of development of graphic records, focusing on print culture, libraries and librarianship, and the production, distribution, storage and retrieval of information agencies in their social, cultural, and political contexts, including multicultural, interdisciplinary and international aspects. (Alt. F)
G5403 Cataloging and Classification. 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)

G5413 Indexing and Abstracting (crosslisted with Knowledge Management 5413). Prerequisite: 5033 and 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.)

G5423 Archives. Prerequisite: 5033, 5043. 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. (Alt. F, alt. Sp., irreg. Su)

G5433 Design and Implementation of Web-based Information Services (crosslisted with Knowledge Management 5433). Prerequisite: 5003 and 5043. Design fundamentals for web-based information services. Emphasis on networked information, information architecture, and usability, based on analysis and evaluation of current connectivity infrastructure and characteristics and behavior of networked audiences. (F)

G5473 Document and Records Management (crosslisted with Knowledge Management 5473). Prerequisites: 5033, 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.)

G5503 Information Literacy and Instruction. 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.)

G5513 Information Sources and Services. 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)

G5523 Online Information Retrieval (crosslisted with Knowledge Management 5523). Prerequisite: 5033 and 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. (Alt. F, Irreg. Su)

G5533 Introduction to Instructional Technology (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)

G5543 Collection Development and Management. Prerequisite: 5033, 5053. 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, Sp, irreg. Su)

G5603 Information Systems and Networks (crosslisted with Knowledge Management 5603). Prerequisite: 5033. Introduction to digital information technology, including historical origins and development. Introduction to systems, systems analysis, and nature and functionality of networks. Includes hands-on basic introduction to technical aspects of computer hardware and software. (F, Sp, Irreg. Su)

G5613 Biomedical Bibliography and Reference Materials. Prerequisite: 5013 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. (Su)

**G5623 Biomedical Data Bases.** Prerequisite: 5613 or permission of instructor. An in-depth approach to the on-line data bases supplied by the National Library of Medicine and to the biomedical data bases supplied by commercial companies. Deals with all aspects of searching, including the development of effective policies and procedures. Differences and similarities among the data bases are emphasized. (F)

**G5643 Knowledge Representation (crosslisted with Knowledge Management 5643).** Prerequisite: 5033. Exploration and analysis of different approaches to knowledge representation from a variety of disciplines. Conceptual foundations, sources, challenges, and dissimilar types of knowledge. The process of generation, transfer, and internalization of knowledge in the context of the decision-making process. (Alt. Sp, Irreg. Su)

**G5653 Preservation of Information Materials (crosslisted with Knowledge Management 5653).** Prerequisite: 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)

**G5703 Electronic Access to Social Science Research Resources.** Prerequisite: graduate standing or permission of instructor. Introduction to the structure of the knowledge domains, literatures, and metadata systems of the disciplines of the social sciences and their related professional fields. Includes overview of major indexing and document delivery systems and developments of strategies for identification and evaluation of information. Emphasis on retrieval of relevant information sources in all formats and delivery modes through use of digital access systems. (F, Sp, Su)

**G5713 Research Methods (crosslisted with Knowledge Management 5713).** Prerequisites: 5023, 5033, 5043, 5053. Methods of investigating library and information problems; evaluating research studies in library and information science; developing original research designs. (Sp, Irreg. Su)

**G5823 Internship in Library/Information Centers (crosslisted with Knowledge Management 5823).** Prerequisite: 18 hours of LIS/KM coursework, including one-half of the required courses, and 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)

**G5920 Directed Research (crosslisted with Knowledge Management 5920).** 1 to 3 hours. Prerequisite: LIS/KM 5713, permission of instructor and adviser. May be repeated; maximum credit six hours. Research under faculty supervision; requires a written report. (F, Sp, Su)

**G5940 Directed Project (crosslisted with Knowledge Management 5940).** 1 to 3 hours. Prerequisite: 24 hours of LIS/KM 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.)

**G5960 Directed Readings (crosslisted with Knowledge Management 5960).** 1 to 3 hours. Prerequisite: 15 hours of LIS/KM 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)

**G5980 Research for Master's Thesis (crosslisted with Knowledge Management 5980).** Prerequisite: permission of instructor. Variable enrollment, two to nine hours; maximum credit six hours. (F, Sp, Su)

**G5990 Special Problems (crosslisted with Knowledge Management 5990).** 1 to 3 hours. Prerequisite: permission of instructor. May be repeated; maximum credit nine hours. Examination and discussion of current problems in librarianship. (Irreg.)