

LIBRARY AND INFORMATION SCIENCE • LIS

- 1001 Library Research Methods and Materials (1)** Fundamentals of college-level research; location, evaluation, and use of information for research needs; introduction to the library and to the organization, access, and retrieval of information; hands-on experience in a variety of printed and electronic resources.
- 2001 Introduction to Information Technologies (3)** *Credit will not be given for this course and CSC 1100, EXST 2000, and ISDS 1100.* Introduction to hardware, software, networking, and telecommunications issues; use of application software, electronic databases, and search engines.
- 7002 Information Services (3)** *Prereq.: major or permission of department.* Preparation for reference and bibliographic services; selection and use of general, scholarly, and specialized reference resources in various subject fields.
- 7003 Principles of Collection Management (3)** Basic principles of collection development and management, including community and user needs analysis, selection strategies, and tools.
- 7004 Principles of Management for Librarians and Information Specialists (3)** *Prereq.: major or permission of department.* Basic functions of management and their application to the operations of libraries and information service agencies.
- 7005 Foundations of Library and Information Science (3)** *Prereq.: major or permission of department. Must be taken in the first semester of residence or prior to registration for the tenth hour of course work to be counted for the MLIS degree, whichever occurs first.* History, theory, practice, philosophy, and current organization of the information service professions.
- 7008 Information Technologies (3)** *Prereq.: major or permission of department.* Hardware, software, networking, and telecommunications issues relating to technologies used in libraries and information settings; experience with appropriate software packages and search systems.
- 7011 Information Needs Analysis (3)** *Prereq.: major or permission of department.* User-centered approaches to meeting information needs of individuals and communities; community analysis, user studies, and reference interview.
- 7012 Bibliographic Organization and Resource Development (3)** *Prereq.: major or permission of department.* Conceptual foundations of bibliographic organization and resource development; basic principles and methods of description, organization, and access; bibliographical lists; principles, methods, issues, and trends of resource selection for user populations.
- 7013 Evaluation of Information Systems (3)** *Prereq.: major or permission of department.* Evaluation of information system performance; systems analysis techniques; development and use of performance measures; strategies for improving system performance.
- 7101 Media and Services for Children (3)** Developmentally appropriate library and information services for children, ages birth to eleven; emphasis on literature and uses of literature in schools and libraries.
- 7102 Media and Services for Young Adults (3)** Developmentally appropriate library and information services for young adults, ages 15 to 18; emphasis on literature and uses of literature in schools and libraries.
- 7103 Media and Services for Young Adolescents (3)** Developmentally appropriate library and information services for young people, ages 11 to 14; emphasis on literature and its value in the lives of pubescent youths.
- 7106 Advanced Topics in Collection Management (3)** *Prereq.: LIS 7003 or 7012 or consent of instructor. May be taken for a max. of 6 sem. hrs. of credit when topics vary.* Advanced study in collection management; emphasis on formats and special conditions, such as serials, audio-visual materials, rare and out-of-print materials, foreign book trade, or alternative literatures or procedures, such as evaluation or acquisitions.
- 7107 Use of Media in Libraries (3)** Examination of media as translated into a variety of library settings and as related to various library patron groups; problems and trends with types of media, software and hardware.
- 7200 Resources for the Humanities (3)** Information resources in major areas of the humanities.
- 7201 Resources for the Social Sciences (3)** Information resources in major areas of the social sciences.
- 7202 Resources for Science and Technology (3)** Information resources in major areas of pure and applied sciences.
- 7203 Sources of Government Information (3)** Government publications as products of government activity and as sources of information.
- 7205 Business Information Resources (3)** Information resources in major areas of business and economics.
- 7400 School Media Centers (3)** Philosophy and objectives of library media centers and information services in schools; emphasis on the roles and responsibilities of the library media specialist.
- 7401 Academic Libraries (3)** Study of libraries in higher education; their development, organization, financing, and administration; human resources; collections; services; and futures.
- 7402 Cooperatives, Consortia, and Networks (3)** Major types of local, state, regional, and national cooperation among all types of libraries, including organization, governance, services, and uses of technology.
- 7403 Special Libraries and Information Centers (3)** Major types of special libraries; their purpose and function in business, government, and other organizations; principles of administration; technical processing; reference services; special methods, routines, and records.
- 7404 Health Sciences Information Centers (3)** Administration, organization, function, and services of health sciences libraries; collection development and reference emphasis on major print and electronic information resources.
- 7405 Public Libraries (3)** Role of the public library in past and present American society; its relationship to the social and political communities.
- 7406 Literature and Methods for Readers' Advisory Services (3)** Value and role of leisure reading in public libraries; interview techniques, support processes, and bibliographic resources for providing services to adults and older adolescent readers.
- 7408 Principles of Archives Management (3)** Identification, collection, arrangement, description, preservation, and use of the full range of historical documents in both institutional and private repositories.
- 7409 Human Computer Interaction (3)** Study of interactions between humans and information systems, leading to more effective system design and evaluation; human cognition, user modeling, system design approaches, evaluation methods.
- 7410 Digital Libraries (3)** *Prereq.: LIS 7008 or consent of instructor.* Current activities, models, methods and tools for digital library creation and support; theoretical and practical aspects of digital library creation, using a variety of formats and approaches.
- 7501 Management of Information Systems (3)** Management of the selection, acquisition, and implementation of computer systems within the context of library and information service agencies.
- 7502 Networks for Information Centers (3)** *Prereq.: LIS 7008 or permission of instructor.* Standards, policy, theory, and technical issues related to electronic networks; impact on information transfer and organizations.
- 7503 Information Technology and Public Policy (3)** Examines the impact of information technology and public policies on economic, social and political systems; focuses on major public policies related to information technologies within the United States and selected countries.
- 7504 Preservation Management of Physical Records (3)** Study of preservation as a management function, highlighting causes of deterioration of print and non-print collections, as well as policies and practices that ensure their maximum usable life.
- 7508 Management of Knowledge-Based Assets in Organizations (3)** Analysis of the nature and uses of knowledge-based assets in organizations; systems for managing knowledge-based assets will be considered in the context of institutions= overall information ecology; examination of the role of librarians and information professionals in organizing and providing knowledge-based assets.
- 7509 Oral History (3)** Introduction to oral history methods and theory; construction and administration of oral history projects; conducting interviews; preservation of interviews in archives and libraries.
- 7510 Web site Design and Management (3)** Design, produce, and manage effective web sites; understanding of the World Wide Web environment and related technologies.
- 7603 Electronic Description of Archival Materials (3)** *Prereq.: LIS 7408 or consent of instructor.* Application of document analysis to produce MARC records, Dublin Core records, and SGML/XML tagging; overview of electronic publishing and Web publications of archival materials and finding aids.
- 7604 Principles of Records Management (3)** Application of systematic and scientific controls to recorded information; life-cycle concept, legal requirements, and implications of technology, as well as records inventory, appraisal, classification, retention, and protection.
- 7605 Information Science (3)** History and philosophy of information science and information retrieval; survey of current research.
- 7606 Abstracting and Indexing (3)** Principles of abstracting and indexing for print and electronic environments; controlled vocabulary and thesaurus development; manual and computerized abstracting and indexing techniques; effectiveness of abstracting and indexing methods.
- 7607 Electronic Information Resources (3)** *Prereq.: LIS 7002 or permission of instructor.* Use of electronic information resources and systems; analysis and comparison of various search mechanisms.
- 7608 Cataloging and Classification (3)** Principles underlying description, subject analysis, classification of library resources and authority control; current national standard cataloging rules, Library of Congress Subject Headings, Dewey Decimal Classification, Library of Congress Classification, and MARC (machine-readable cataloging) formats are emphasized.
- 7609 Seminar on Cataloging and Classification (3)** *Prereq.: LIS 7608 or consent of instructor.* Detailed analysis of cataloging and classification of special resources, including serials, electronic and cartographic resources, kits, music, manuscripts, relia, including formatting of bibliographic representations; intensive survey of conceptual foundations of descriptive and subject metadata.
- 7610 Information Retrieval Systems (3)** *See CSC 7481.*
- 7611 Management of Electronic Records (3)** *Prereq.: LIS 7408.* Study and evaluation of the impact of automation on archival theory and practice. Analysis of models and strategies developed by archivists to manage electronic records.
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7700 History of Books and Libraries (3) History and cultural relationships of the book and libraries; rise of the library as a formal institution within society.

7701 Seminar in History of Archives and Record Keeping (3) Origins, organization, and development of records, record keeping systems, and archival institutions, from the ancient world through the twentieth century.

7702 Seminar in Advanced Archival Appraisal (3) Appraisal and selection of archival materials from both a theoretical and a practical perspective. Extensive reading in the archival literature to form familiarity with the evolution of appraisal theory and current practices in the field.

7703 Seminar in Advanced Archival Access (3) History of archival arrangement and description, in depth investigation of the issues arising around access to archival materials in the digital world.

7800 The Art and Practice of Library Storytelling (3) Role of storytelling as a form of communication; preparation and presentation of stories for all age groups; planning story programs.

7801 The Illustrator as Storyteller (3) Study of effectiveness of illustrators in telling stories from children's literature; evaluation of artistic media in review sources; survey of works of noted children's books illustrators.

7807 Information Literacy Instruction (3) Theories, techniques, strategies, and current practice for teaching the effective and efficient use of academic, school, public, and special library resources.

7809 Research in Library and Information Science (3) *Prereq.: LIS 7013 or permission of instructor.* Research methodology applicable to library and information phenomena; definition of research problems, selection of inquiry tools, and data collection; emphasis on evaluation of research.

7810 Sources of Music Study & Research (3) *See MUS 7600.*

7900 Field Experience in Library and Information Services (3) *Prereq.: completion of 24 hrs. of LIS courses, and permission of instructor. Preparation for course begins semester prior to registration. 120 hrs. per semester at field site.* Experience in management of library and information services, such as cataloging, reference, technical services, or automation.

7901 Issues in Library and Information Science (1) *Prereq.: major or permission of department. Pass-fail grading.* All graduating students are expected to participate in discussions of contemporary professional issues.

7902 Field Experience in School Media Centers (3) *Prereq.: completion of 24 hrs. of LIS courses, including LIS 7101, 7102, and 7400, and permission of instructor. Preparation for course begins semester prior to registration. 120 hrs. per semester at field site.* Experience in administration and management of school libraries.

7903 Field Experience in Special Libraries and Information Centers (3) *Prereq.: completion of 24 hrs. of LIS courses, including LIS 7403, and permission of instructor. Preparation for course begins semester prior to registration. 120 hrs. per semester at field site.* Experience in administration and management of special libraries.

7904 Field Experience in Academic Libraries (3) *Prereq.: completion of 24 hrs. of LIS courses, including LIS 7401, and permission of instructor. Preparation for course begins semester prior to registration. 120 hrs. per semester at field site.* Experience in administration and management of academic libraries.

7905 Field Experience in Public Libraries (3) *Prereq.: completion of 24 hrs. of LIS courses, including LIS 7405, and permission of instructor. Preparation for course begins semester prior to registration. 120 hrs. per semester at field site.* Experience in administration and management of public libraries.

7906 Field Experience in Health Sciences Information Centers (3) *Prereq.: completion 24 hrs. of LIS courses, including LIS 7404, and permission of instructor. Preparation for course begins semester prior to registration. 120 hrs. per semester at field site.* Experience in administration and management of health sciences libraries.

7909 MLIS Directed Independent Study (1-3) *May be taken for a max. of 6 sem. hrs. credit.*

7910 Special Topics in Archival Science (1-3) *Prereq.: major or permission of instructor. May be taken for a max. of 18 sem. hrs. of credit when topics vary.*

7911 Special Topics in Information Science (1-3) *May be taken for a max. of 18 sem. hrs. of credit when topics vary.*

7912 Special Topics in Library Science (1-3) *May be taken for a max. of 18 sem. hrs. of credit when topics vary.*

7913 Field Experience in Archives (3) *Prereq.: completion of 24 hrs. of LIS courses including LIS 7603, and permission of instructor. Preparation for course begins semester prior to registration. 120 hrs. per semester at field site.* Experience in administration and management of archives.

7914 CLIS Directed Independent Study (1-3) *Prereq.: MLIS or equivalent. May be taken for a max. of 12 sem. hrs. credit.*

8000 Thesis Research (1-9 per semester) "S"/"U" grading.
