

LIBRARY & INFO SCIENCE (SLIS)

SLIS 501 - Teaching and Training in Distributed Environments (3 Credits)

Knowledge and skills for applying complementary technologies for learning in distributed learning environments (Pre-K-lifelong) through lecture, demonstration, and discussion.

SLIS 523 - Materials for Early Childhood (3 Credits)

Media resources and techniques for children from birth to 9 years. Reading interests and developmental needs of young children. Authors, illustrators, indexes, bibliographic tools, evaluation sources, and professional literature. Not open to students enrolled in M.L.I.S. program.

SLIS 525 - Materials for Children (3 Credits)

Media resources for children. Reading interests of children and their curricular and independent needs for information. Authors, illustrators, indexes, bibliographic tools, and sources of evaluation of materials for children. Techniques and literature for read-aloud programs and storytelling. Not open to students enrolled in M.L.I.S. program.

SLIS 527 - Materials for Adolescents (3 Credits)

Media resources for adolescents. Reading interests of adolescents and their curricular and independent information needs. Study of relationships of media to information needs and critical comparison between classic and contemporary materials for adolescents. Indexes, bibliographic tools, and sources of evaluation of materials. Not open to students enrolled in M.L.I.S. program.

SLIS 529 - Special Topics in Library and Information Studies (3 Credits)

Specific topics of current concern to the library, information, and media professions to be identified by title. Not open to students enrolled in M.L.I.S. program.

SLIS 530 - Applications of Information Technology and the Infrastructure (3 Credits)

Introductory knowledge for school library media specialists, teachers, administrators, parents, and other citizens interested in practical applications of information technology to support learning, decision making, and community building.

SLIS 534 - Knowledge Discovery Techniques (3 Credits)

Knowledge discovery techniques and applications.
Prerequisites: SLIS 434 for Undergraduate Students.

SLIS 560 - Information Visualization (3 Credits)

Foster theoretical insights about information visualization. Prepare small and large-scale datasets for visual representations. Project-based and students will map real datasets and understand the methods to interpret the visualizations.

SLIS 600 - Storytelling: Theory, Practice, and Development (3 Credits)

Storytelling methods, techniques, and materials encompassing heritage, art, literature, and programming.

SLIS 701 - Ethics, Values, and Foundational Principles of Library and Information Science Professions (3 Credits)

Introduction to the issues and core values of library and information professions, including equity of access, literacy and learning, information policy, collaboration, service, professional growth and development, and culturally responsive practice.

SLIS 702 - Community Engagement and Service (3 Credits)

Explores the role of library and information organizations in communities, with a focus on building community relationships, engagement, and outreach.

SLIS 703 - Reference and Instruction (3 Credits)

Introduction to the design and delivery of instructional services and assistance on the use of information resources to promote information literacy and informed decision-making.

SLIS 704 - Leadership in Information Organizations (3 Credits)

Introduction to the nature, development, roles, and fundamental issues of leadership in library and information organizations.

SLIS 705 - Research Design and Evaluation (3 Credits)

Introduces the research process as applied to library and information science topics with an emphasis on research methods, critical evaluation, and the practical application of research.

SLIS 706 - Information Organization and Access (3 Credits)

Explores the design, use, and evaluation of information organization and retrieval systems to support digital curation and preservation, metadata generation, and information-seeking.

SLIS 707 - Information Organization and Retrieval (3 Credits)

Issues and techniques of knowledge representation and information organization, information retrieval systems, and users' information seeking behavior.

Prerequisite or Corequisite: SLIS 701.

SLIS 710 - History of Information Organizations and Technologies (3 Credits)

A survey, from ancient times to the present, of the evolution and social role of information organizations (libraries, archives, information centers, etc.) and technologies (books, journals, computers, etc.). Emphasis on the U.S. in the 19th and 20th centuries.

Prerequisites: SLIS 701.

SLIS 711 - Introduction to Archival & Records Studies (3 Credits)

Nature and use of archives and records; functions of archives and records professionals; and legal, ethical, and political issues in archives and records.

SLIS 715 - Printing (1 Credit)

Introduction to printing with movable type. This course is designed to give students some experience in designing and printing books and broadsides. Examination of paper, typefaces, composition work, and simple bookbinding are included.

SLIS 716 - Introduction to Bibliography and Textual Studies (3 Credits)

Introduction to analytical, descriptive, and textual bibliography, and to the principles and practice of editing. 03: 07/05/2019.

SLIS 717 - Special Collections Librarianship (3 Credits)

Introduction to the missions, professional standards and best practices of special collections librarianships. Topics include access and acquisitions, collection assessment and development, collection management and maintenance, donor relations, public programming and current issues and trends. Restricted to SLIS graduate students.

SLIS 718 - History of Children's and Young Adult Literature (3 Credits)

Historical overview of the literary content, illustration, and social values of children's and young adult literature written in English. Examines the influence of movements such as Romanticism, Rationalism, and postmodernism, as well as changing trends over time.

SLIS 719 - Preservation Planning and Administration (3 Credits)

The planning and administration of preservation programs in libraries, archives, records centers, and manuscript depositories.

Prerequisites: SLIS 701.

SLIS 720 - School Library Media Program Development (3 Credits)

Roles, functions, and organization of school library media programs. Systematic planning and evaluation, leadership, advocacy, and integration of program into the curriculum.

SLIS 721 - Seminar in School Library Programs (3 Credits)

Problems relating to contemporary school media programs will be identified and analyzed by students, drawing from their own experiences, pertinent literature in the field, and field investigations.

Prerequisites: SLIS 701, SLIS 703, SLIS 705, SLIS 707, SLIS 720.

SLIS 724 - Special Libraries (3 Credits)

An overview of industrial, business, governmental, and professional libraries and related information organizations. Study of their organizational characteristics, governance, services, distinctive features. Major part of course is simulation of information management problems in these organizations.

SLIS 725 - Digital Libraries (3 Credits)

History and current state of digital records, including their storage, organization, and preservation in digital libraries.

Prerequisites: SLIS 701, SLIS 707.

SLIS 726 - Knowledge Management for Library and Information Professionals (3 Credits)

An introduction to the background, principles, practices, and technologies of knowledge management for library and information professionals.

SLIS 727 - Health Sciences Library Services (1 Credit)

A detailed study of traditional and innovative services characteristic of health science libraries. Includes community study design and evaluation of services. For those students committed to careers in health sciences libraries.

Prerequisites: SLIS 726.

SLIS 728 - Public Library Systems (3 Credits)

Course focuses upon three topics: 1) organizational patterns for various library operations, local and regional; 2) the political environment of the public library; and 3) major problems confronting public library systems.

Prerequisites: SLIS 701.

SLIS 729 - Academic Libraries (3 Credits)

An analysis of the historical development and current issues in academic libraries.

Prerequisites: SLIS 704.

SLIS 730 - Cataloging Information Materials (3 Credits)

An in-depth study of AACR2 covering both print and nonprint materials; searching bibliographic materials in a database, editing and updating them; principles of coding, tagging, and entering the results into a database; discussion of administrative problems.

Prerequisites: SLIS 702.

Prerequisite or Corequisite: SLIS 707.

SLIS 731 - Subject Analysis and Classification (3 Credits)

Study of major classification and subject authority systems. Emphasizes the understanding and application of these systems in information agencies.

Prerequisites: SLIS 730.

SLIS 732 - Indexing and Abstracting (3 Credits)

Introduction to principles and practices in abstracting and indexing.

Prerequisite or Corequisite: SLIS 707.

SLIS 733 - Serials (3 Credits)

An introductory study of methods and problems in acquiring, organizing, and retrieving serial publications with an emphasis on the special features of serials. Includes an introduction to computer applications.

Prerequisites: SLIS 702.

SLIS 734 - Government Information Sources (3 Credits)

Creation, acquisition, organization, retrieval, and use of government-produced information. Emphasis is on U.S. government information but includes attention to state, local, and international sources.

Prerequisites: SLIS 703, SLIS 707.

SLIS 735 - Metadata (3 Credits)

Examination of metadata definition, selection and applications; Role of metadata in information discovery, acquaintance with various metadata schemes and standards for libraries, museums, archives and info centers.

Prerequisites: SLIS 707.

SLIS 738 - Seminar in Technical Services (3 Credits)

Management, personnel, and materials within technical service departments for all types of libraries. Standardization, centralized and cooperative efforts, automation and evaluation as applied to all functions within technical services departments.

Prerequisites: SLIS 702.

SLIS 740 - Online Information Services (3 Credits)

Direct experience searching online databases and examination of related administrative issues.

Prerequisites: SLIS 707.

SLIS 741 - Educational Services in Library and Information Organizations (3 Credits)

Applications of human learning theory and presentation techniques to information literacy programs and curriculum collaboration for library and information professionals.

Prerequisites: Completion of 9 semester hours of SLIS graduate-level classes.

SLIS 742 - Curricular Role of the School Librarian (3 Credits)

Role of the school library media specialist in integrating the school library media program into a K-12 standards-based curriculum, including best practices, needs assessment, collaboration, instructional design, and resource provision.

Prerequisites: SLIS 701, SLIS 706, SLIS 703 preferred and required education courses (for initial certification candidates).

SLIS 743 - Health Information Retrieval in Electronic Environments (3 Credits)

Presents a survey of electronic information resources in the health sciences and an introduction to advanced searching techniques and analytical skills to access biomedical literature.

SLIS 744 - Music Libraries and Information Services (3 Credits)

Acquisition of and special cataloging requirements for printed music, recordings, and multimedia; collection management; administration of music libraries; preservation/conservation of special materials.

SLIS 745 - Social Science Information Services (3 Credits)

Considers how literature and information services in the social sciences are organized for the purpose of interpretation and delivery. Students survey the literature of psychology, sociology, political science, and other disciplines in some detail. Practice in question consultation and database searching will be included.

Prerequisites: SLIS 703, SLIS 707.

SLIS 746 - Humanities and Arts Information Services (3 Credits)

A survey and evaluation of the nature, history, and bibliography of the literature of the humanities and arts. Emphasizes the distinctive features of materials, research, communication, and information-seeking patterns.

Prerequisites: SLIS 703.

SLIS 747 - Science and Technology Information Services (3 Credits)

A survey of literature in the basic sciences and applied technical fields. Examines distinctive features of materials, research, and information communication patterns in the various fields. Practice in question consultation and database searching will be included.

Prerequisites: SLIS 703, SLIS 707.

SLIS 748 - Business Information Sources and Services (3 Credits)

Coverage of the bibliographic and information systems relevant to contemporary managerial information needs, with emphasis on the literature of business and finance, and including statistical materials, literature guides, and investment services. Specialized problems related to the organization and operation of business information systems. Practice in question consultation and database searching will be included.

Prerequisites: SLIS 740.

SLIS 749 - Health Sciences Information Resources (3 Credits)

Characteristics and use of print and computer-based materials in the health sciences and for general reference librarians.

SLIS 750 - Information and Records Management (3 Credits)

An introduction to the role and functions of the information manager in organizations with emphases on use, retention, and management of information and records.

Prerequisites: SLIS 701.

SLIS 751 - Libraries, Literacy, and Literature (3 Credits)

Ways in which libraries and librarians become more effective providers and partners in the literacy movement.

Prerequisites: SLIS 701.

SLIS 752 - Diversity in Libraries (3 Credits)

Nontraditional library users in all types of libraries. Literacy programs, disabled and/or institutionalized persons, older adults, and members of selected ethnic groups.

SLIS 753 - Seminar in Information Services (3 Credits)

Planning and evaluating information services. Emphasis on policy and decision making regarding current issues.

SLIS 754 - Library Programming for Children and Young Adults (3 Credits)

The nature, philosophy, and development of non-curricular programs for children and young adults in the school and public library. Among the types of programs to be discussed are storytelling, film programs, reading programs, programs for parents, and other activities associated with library service to young people. Students will study the principles and problems involved in designing, implementing, and evaluating programs of this nature.

SLIS 755 - Popular Materials and Programming for Adults (3 Credits)

Materials popular with adult readers and programs utilizing those materials. Extensive reading and experience in planning and presenting programs.

SLIS 756 - Children's Materials (3 Credits)

A study of materials intended for children of elementary school age (6-13) with emphasis on the process of evaluating them to meet the educational, cultural, and recreational needs of children.

SLIS 757 - Young Adult Materials (3 Credits)

A study of materials for young adults (13-19) with emphasis on the process of evaluating them to meet the educational, cultural, and recreational needs of young adults.

SLIS 758 - Consumer Health Resources and Information Services (3 Credits)

Concepts and current trends in the creation, implementation, and evaluation of adult consumer health resources and services, including consumer health informatics and e-health.

SLIS 759 - Materials for Early Childhood (3 Credits)

A study of picture books and audiovisual materials intended for the very young child through age 9 with emphasis on the process of evaluating these materials to meet the educational, cultural, and recreational needs of very young children.

SLIS 760 - Materials and Services for Latino Youth (3 Credits)

Introduces a wide range of print and nonprint materials appropriate for Latino youth. Provides resources for librarians and educators serving young Latinos literacy needs.

SLIS 761 - Information Technologies in the School Library Program (3 Credits)

Technology management, use of technology and nonprint resources, and their integration into the K-12 curriculum.

Prerequisites: SLIS 706.

SLIS 765 - Planning Library Facilities (3 Credits)

An introduction to the process of planning new and renovated spaces and facilities. Content covers roles of participants in planning preparation of building program and examines examples of recent buildings.

Prerequisites: SLIS 701, SLIS 704.

SLIS 766 - Collection Development and Acquisitions (3 Credits)

An examination of information agencies and their purposes, collections, collection policies, and acquisition procedures.

Prerequisites: SLIS 701.

SLIS 767 - Management of Public Library Youth Services (3 Credits)

Planning, implementation, and evaluation of public library services for children and young adults.

Prerequisites: SLIS 701.

SLIS 768 - Problems in Library and Information Agency Administration (3 Credits)

Examines in detail frequently occurring problems that require decision activity by library and information agency managers. May be repeated for credit as topics change.

Prerequisites: Completion of 9 semester hours of SLIS graduate-level classes.

SLIS 770 - Design and Management of Databases (3 Credits)

Databases used in libraries and other information agencies, including operational and functional design. Extensive hands-on evaluation of selected database software packages.

Prerequisites: SLIS 701, SLIS 707.

SLIS 772 - Strategic Intelligence for Information Professionals (3 Credits)

Principles and practices of information gathering and analysis of open source information, including competitive intelligence, environmental scanning, and issues management; information evaluation and synthesis; role of strategic intelligence in modern organizations.

Prerequisites: SLIS 740 or SLIS 748.

SLIS 775 - Practicum in Organizing and Managing Web Resources (3 Credits)

Concepts and practices necessary to organize and manage Web resources in libraries and in other information agencies.

SLIS 776 - Web Technologies for Information Specialists (3 Credits)

Evaluation and programming of Web technologies and related issues in libraries and in other information agencies.

Prerequisites: SLIS 775.

SLIS 777 - Design and Management of Digital Image Collections (3 Credits)

This course presents introductory concepts related to the creation, manipulation, and implementation of visual collections in various online environments. It identifies resources, procedures, and skills needed to successfully design, implement, and manage digital image collections in a collaborative environment.

Prerequisites: SLIS 706, passing of SLIS Technology Test.

SLIS 778 - Seminar in Information Science (3 Credits)

A critical examination of the principles, trends, and issues of modern information systems design and use.

Prerequisite or Corequisite: SLIS 707.

SLIS 780 - Information Networks (3 Credits)

Identification and evaluation of information networks in libraries and other information agencies. The nature of networks, including hardware and software applications.

Prerequisites: SLIS 701, SLIS 707.

SLIS 787 - Seminar in Applied Information Systems for Information Specialists (3 Credits)

Application, management and evaluation of information systems for libraries and other information agencies, including emerging technical, administrative and management issues related to these systems.

Prerequisites: SLIS 707.

SLIS 788 - Implementing Data and Digital Communications (3 Credits)

A capstone experience for data and communication students to implement concepts and skills in data analysis learned throughout the program.

Prerequisites: C or better in JOUR 709 or SLIS 709.

Cross-listed course: JOUR 788

SLIS 791 - Study Abroad: Great Libraries of the World (3 Credits)

Discussion and critical examination of selected topics of current international debate regarding information and related technologies. Specific topics to be identified by title. May be repeated three times for a maximum of 9 hours.

SLIS 794 - Internship in Library and Information Science (3-6 Credits)

Supervised field experience in library, media center, or other information agency relevant to student's professional goals.

Prerequisites: SLIS 701, SLIS 705, SLIS 707.

SLIS 795 - Special Topics in International Information Issues (1-3 Credits)

Discussion and critical examination of selected topics of current international debate regarding information and related technologies. Topics vary by title. May be repeated a maximum of 3 times.

SLIS 796 - Independent Study in Library and Information Science (1-6 Credits)

Independent study in an area of library and information science relevant to the student's professional goals.

Prerequisites: SLIS 701, SLIS 705, SLIS 707.

SLIS 797 - Selected Topics in Librarianship and Information Services (1-3 Credits)

Discussion and investigation of selected topics of current concern to the library and information profession. Specific topics to be identified by title.

SLIS 798 - Specialist Project Preparation (3-6 Credits)

Prerequisite: Specialist degree students only. Approval of the appropriate application for specialist project must be submitted early in the semester preceding enrollment.

SLIS 801 - Research Issues in Library and Information Science (3 Credits)

Seminar examining a range of issues, theories, and research questions that currently shape thinking and discourse in library and information science.

SLIS 802 - Theory and Research Methods in Library and Information Science (3 Credits)

Seminar exploring problems and issues in theory formulation and research methods, including quantitative, qualitative, and multi-method approaches. Not auditable.

SLIS 803 - Information and Society (3 Credits)

Seminar examining the historical and intellectual foundations of library and information science in relation to the nature and current roles of information organization and information transfer in societies. Not auditable.

SLIS 804 - Preparation for Academic Careers in Library and Information Science (3 Credits)

Seminar examining the history, trends, and current status of academic careers in library and information science, emphasizing knowledge and skills needed for successful teaching, scholarship, and service. Not auditable.

SLIS 805 - Information Policy and Ethics (3 Credits)

Seminar in the critical and analytical study of information policy and ethical issues at the individual, institutional, and international levels. Not auditable.

SLIS 806 - Communication Processes and Information-Seeking Behavior (3 Credits)

Seminar examining the characteristics of communication, human information interaction, and information-seeking behavior, with emphasis on social network models, and the relationship between information-seeking behaviors and the design of communication and information systems and services. Not auditable.

SLIS 809 - Planning and Evaluating Colloquia In Library and Information Science (1 Credit)

Involves students in planning, managing, and evaluating colloquia, including recruiting speakers, scheduling venues, attracting audiences, conducting the sessions, and evaluating the results. May be repeated up to three times for credit.

SLIS 810 - Human Information Interactions and Cultural Institutions (3 Credits)

Explores libraries and other cultural institutions as lifelong educational environments where complex human interactions take place. Over the past two years, the promising intersection of cultural organizations has been a topic of strong interest to practitioners and scholars associated with these institutions. This course introduces the interdisciplinary framework, social perspectives, and research methods required to development an understanding of this intersection, the changes that will be required as new technologies alter the way that people engage with these institutions, and the challenges that have begun to emerge as their boundaries become less defined. This type of interdisciplinary framework is needed to address these topics and address both the human information needs that impel cultural institutions and the steps and strategies by which these needs may be recognized and resolved in these information rich environments.

SLIS 811 - Technologies in Cultural Institutions (3 Credits)

This course provides an opportunity for doctoral students to explore the issues associated with the implementation, evaluation and management of various technologies found in cultural institutions. Students will gain practical experience working with different technologies through class demonstrations and will be exposed to different technical environments via class field trips.

SLIS 899 - Dissertation Preparation (1-12 Credits)

CL: 2020.