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.

4001 Advanced Library Research Methods and Materials (3) Advanced information-seeking; research location, evaluation, and use of information for research needs; the organization, access, and retrieval of information; practical experience in multiple formats.

7002 Information Services (3) Prereq.: major or permission of department. Preparation for reference and bibliographic services; selection and evaluation of 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 MLS 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. Surveys and analysis approaches to meeting information needs of individuals and communities; community analysis, user studies, and reference interview.

7102 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.

7103 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.

7104 Information and Information Services for Children (3) Developmental nature of information services for children, ages birth to eleven; emphasis on literature and uses of literature in schools and libraries.

7106 Information and Information 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 adolescents, ages 13 to 15; emphasis on literature and its value in the lives of pubescent youths.

7105 Graphic Novels in Libraries (3) Prereq.: LIS 7101, 7106, and permission of instructor. Explores the history of the graphic novel; collection, acquisition, and management issues related to literature; and it uses in public and school libraries, with an emphasis on working with children and young adults.

8101 Media and Services for Children (3) Developmental nature of information services for children, ages birth to eleven; emphasis on literature and uses of literature in schools and libraries.

8106 Information and Information 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.

8410 Digital Libraries (3) Prereq.: LIS 7008 or consent of instructor. Current activities and tools for digital library creation and support; theoretical and practical aspects of digital library creation, using a variety of formats and approaches of information services.

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