MLIS CURRICULUM

MLIS Curriculum – Core Courses

ILS 502: Fundamentals of Library and Information Science

Principles of library and information science including core values of the profession and intellectual freedom. An overview of the history, philosophy, purpose, function and structure of library/information agencies. Core course. 3 credits.

ILS 505: Information Resources Organization and Management

The description and organization of information resources; metadata, bibliographic records, databases, and catalogs. Access points, subject analysis, controlled vocabularies, authorities, and classification. Current developments in shared cataloging and universal bibliographic control. Core course. 3 credits.

ILS 507: Information Science and Technology

Introduction to Information Science and Technology on a theoretical and practical level. Principles and applications of computers, information systems, and communication technologies in libraries and information centers. Core course. 3 credits.

ILS 508: User Services

Planning, programming, implementation and evaluation of library and information services for a variety of users. Core course. 3 credits.

ILS 509: Management of Library and Information Agencies

General principles of management theory and practice applicable to various types of information agencies. Decision-making, planning and employment practices are emphasized. Core course. 3 credits.

ILS 545: Administration and Design of the School Library Media Center (SLMS concentration only: SLMS students take this course instead of ILS 509)

Administration of the school library media center including policy development, budgeting, personnel, organization, design and maintenance of facilities, technology integration, and collaborative instruction. 3 credits.

ILS 582: Library Science Internship

A professional work experience in an academic, public, special or school library. By arrangement. Course taken as pass/fail only. Prerequisite: 15 credits in Information and Library Science. Core course. 3 credits.

MLIS Curriculum – Electives

ILS 516: Literacy, Literature and Reading in School and Public Libraries

Examination of the roles of reading professionals in school, classroom and public libraries. Includes overview of PreK-12 literature, analysis of approaches to reading instruction and examination of collaborative opportunities. 3 credits.

ILS 523: Technical Services and Information Management
Technical services operations in information management; acquisitions, serials, bibliographic records, databases, catalogs, and metadata. Current and future developments. Prerequisite: 6 credits in Library and Information Science. 3 credits.

ILS 525: Collection Development and Management
Selection and management of information resources, including collection analysis and evaluation, processes and practices of collection building and maintenance in all formats.3 credits.

ILS 527: Reference Services
The reference process and the organization of reference and information services as they relate to different types of libraries. 3 credits.

ILS 539: Multimedia Hub for Smart Services

An introduction of fundamental concepts, terminology, practice and application of multimedia production in various computerized and Internet based system designs for smart library services. 3 credits.

ILS 541: Leadership and Advocacy for Information Professionals

Examines the areas of strategic planning, policy writing, ethical information access, community outreach and advocacy. Investigation of political and social issues affecting libraries and information agencies on local, state and national levels. Fieldwork option. 3 credits.

ILS 547: Integrating Technology and Media in K-12 Curriculum

Analysis and implementation of best practices in technology and media integration in content areas. Exploration of collaborative applications for classrooms at all grade levels. Information/media literacy as an essential component of standards based inquiry learning. 3 credits.

ILS 554: Data Analysis and Visualization

Fundamental concepts and knowledge of data administration and presentation, including data treatment and analytical skills, critically assess and interpret presentation, and deploy digital media for scholarly practice. 3 credits.

ILS 556: Data Curation

An overview of data curation as a lifecycle management strategy to manage, evaluate, collect, organize, preserve, share, and support the use and re-use of digital objects. 3 credits.

ILS 558: Digital Preservation and Archives
The fundamentals of materials preservation and conservation in libraries and archival
institutions. Focuses on best practices for the creation, provision, and long-term preservation of digital entities. 3 credits.

ILS 561: Community Information Centers - Public Libraries Re-imagined

Organization, administration and services of public libraries: policies, budgeting, personnel, organization, facilities and technology. Emerging trends and the role of public libraries as centers for lifelong learning are examined. Pre/co-requisite: ILS 502. 3 credits.

ILS 567: Metadata Management Tools

An introduction of theory and practice of metadata, metadata management, metadata management software and tools with case studies and resources. (prerequisite ILS 505, or instructor permission). 3 credits.

ILS 571: Methods for School Library Media Centers

Students will examine strategies for teaching and learning in multimedia environments, organizing information and support for K-12 classrooms, and managing the responsibilities as teacher and instructional partner by integrating current research and actualizing best practices in the field. 3 credits.

ILS 575: Instructional Design Principles

Introduction to the principles of the systematic application of instructional design. Critique of current and alternative instructional design models. 3 credits.

ILS 581: School Media Specialist Practice (Student Teaching)

Guided observation and supervised student teaching in a school library media center with a cooperating teacher who has received Teacher Education and Mentoring (T.E.A.M.) training and holds a Master's degree in the subject matter. Must meet all College of Education student teaching requirements and departmental permission is required. 6 credits

ILS 587: Seminar: SLMS Field Placements for Teacher Certification

Integration of support and assessment for student teachers and DSAP placements. Focus on unit and lesson planning, classroom management, reflective practice, and managing the responsibilities of teacher and instructional partner by actualizing best practices in the field. 3 credits

ILS 590: Research in Library and Information Science

Quantitative and qualitative research methods in professional practice in academic and research-oriented environments. Research and its use in the information, management, policy, and decision-making process. Prerequisite: 9 credits in Information and Library Science. 3 credits.

ILS 597: Introduction to Archival and Museum Work

An introduction to work in archives and museums including basic theories and methodologies and to the application of archival and museum theory in the digital world. 3 credits.

ILS 599: Special Topics

Scheduled any semester as needed to explore new course topics. Scheduled irregularly. 1 to 6 credits.

ILS 600: Independent Study

For the advanced student with a background in library science to explore in-depth study in topics outside current courses. By arrangement. Prerequisite: 12 credits in library science and department permission. Up to 3 credits of ILS 600 may be applied to the MLIS. 1 - 3 credits.

ILS 614: Copyright: The Basics and Beyond

Copyright law for students in Education, Information and Library Science, Journalism, English, Art, and those having an interest in protecting their creative works and in legally using the copyrighted works of others. 3 credits.

ILS 655: Digital Librarianship

A theoretical study of and practice in designing, constructing and evaluating digital libraries for today's digital media curation. Prerequisite: ILS 507. 3 credits.

ILS 660: Special Project in Library and Information Science

Synthesis of research, theory, and practice in library and information science. Requires three parts: a proposal, a final product, and a written report. Prerequisite: 15 credits in library and information science. 3 credits.

ILS 699: Thesis

Research and writing of the thesis in the area of library and information science, under the direction of an ILS department faculty member. Prerequisite: ILS 590 and departmental permission. 3 credits.

MLIS Curriculum – Interdisciplinary Electives

CSC 540: Database Systems

A study of theory, techniques and methodologies for developing and maintaining relational databases. A detailed analysis of performance issues of access methods in very large databases. Computer projects are required. Prerequisite: CSC 505 or equivalent. 3 credits.

IDS 553: Grant Writing & Fund Sources

A practical course on finding grant money, researching and writing grant proposals and preparing the required applications. Each student will prepare and submit a grant proposal to a potential funding source. 3 credits.

MBA 510: Project Management

Focuses on the importance of the project management lifecycle and processes while enabling students to understand, select and apply the necessary tools to plan, execute and manage resources, costs and time constraints in a typical change project. Students also learn how to acquire the necessary skills for understanding the issues inherent in the creation and management of a project team along with identification of risks and their mitigation to ensure a successful achievement of the project's objectives. 3 credits.

MBA 519: Leadership & the Learning Organization

The central theme is the conviction that character-based leadership is essential for developing systems that support the growth and development of employee potential in order to build a viable enterprise. This course examines the process of developing a personal style of leadership using a systems approach of business. Prerequisite: MBA 504. 3 credits.

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