

INFORMATION SCIENCE (SLIS)

SLIS 201 - Introduction to Information Science (3 Credits)

Major concepts, principles, theories, issues, and trends in the development of Information Science.

SLIS 202 - Introduction to Information Literacy and Technology (3 Credits)

An introduction to the basic information technologies used in all types of information organizations and the essential concepts and skills needed for information literacy.

Carolina Core: INF

SLIS 220 - Using Information Resources (3 Credits)

Introduction to information services and sources available in print and electronic format. Techniques for locating, evaluating, and using information resources basic to academic work.

Prerequisites: CSCE 101 or equivalent.

SLIS 250 - Introduction to Content Management Systems and Information Design (3 Credits)

Comprehensive overview of responsive website development for information-intensive organizations. Examine the current tools and standards used in today's field and learn how they function together in a modern web environment. Web development foundation focusing on content management and website design with an emphasis on today's myriad of viewing devices and specific reference to the unique needs of information-intensive institutions.

SLIS 301 - Information Storage and Retrieval (3 Credits)

Introduction to the concepts, issues, theories, and techniques of information storage and retrieval systems.

Prerequisite or Corequisite: SLIS 201.

SLIS 310 - Research Methods in Information Science (3 Credits)

Overview of major types of research methods and techniques within the field of information science. Methods of data analysis, evaluation of published research, and ethical principles.

Prerequisite or Corequisite: SLIS 201, STAT 110 or STAT 201.

Graduation with Leadership Distinction: GLD: Research

SLIS 315 - Information Policy (3 Credits)

Problems and ethical issues that arise in the development and implementation of information policies in Information Science.

Prerequisites: SLIS 201.

SLIS 325 - Children's Literature (3 Credits)

A study of materials for children from birth through elementary school (age 13) with emphasis on the evaluation, selection, and use of those materials to meet the educational, cultural, and recreational needs of children.

Graduation with Leadership Distinction: GLD: Community Service

SLIS 330 - Introduction to Computer Technology & Applications for Info Env (3 Credits)

The basic information technology concepts and applications relevant to library and related information environments. Unique information technology needs and applications of information-intensive organizations.

SLIS 402 - Introduction to Management Within Information Environments (3 Credits)

History, development, and implementation of theories and practices associated with managing information environments.

Prerequisite or Corequisite: SLIS 201.

SLIS 410 - Knowledge Management (3 Credits)

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

Prerequisites: SLIS 301.

SLIS 415 - Social Informatics (3 Credits)

Examines the design, uses, and effects of information and communication technologies (ICTs) from the standpoint that society and technology mutually shape one another.

SLIS 420 - Communication and Information Transfer (3 Credits)

An overview of the communication models, major concepts, trends, and other related issues of information transfer with a focus on information seeking and use in digital age.

Prerequisites: SLIS 201 or JOUR 101.

Cross-listed course: JOUR 491

SLIS 429 - Information Management for Journalists (3 Credits)

Online resources specific to mass communications, research strategies, organization and creation of digital information.

SLIS 430 - User-Centered Information Architecture (3 Credits)

Processes and techniques for designing user-centered information systems on the Web. Issues of needs analysis, content development, cognitive models, human-computer interaction, interface design, and usability testing.

Prerequisites: SLIS 202.

SLIS 434 - Introduction to Knowledge Discovery (3 Credits)

The students will review knowledge discovery basics concepts, techniques, tools, and applications. This course is project based and the students will develop new Wikipedia pages by reading papers in a selected domain.

Prerequisites: MATH 122 or MATH 141 or MATH 142 or MATH 170 or MATH 172 or STAT 515 or STAT 201 or STAT 205.

SLIS 435 - Digital Information Infrastructure (3 Credits)

Theoretical and technological foundations of building the digital information infrastructure. Emphasis on technical aspects of managing digital assets for Intranet and Internet use.

Prerequisites: SLIS 202, SLIS 402.

SLIS 440 - Competitive Intelligence (3 Credits)

Strategies and techniques for locating competitive intelligence information.

Prerequisites: SLIS 201, SLIS 202, SLIS 301, SLIS 402.

SLIS 450 - Information Issues in Cultural Heritage Institutions (3 Credits)

Problem of identifying or defining cultural heritage and the issues and problems in preserving, accessing, and managing cultural heritage information. Issues such as copyright/ownership, technical problems of preservation and intellectual access, and the different ways in which libraries, archives, museums, zoos and other cultural heritage institutions operate.

SLIS 480 - Emerging Topics in Information Science (3 Credits)

Examination of selected current and emerging topics in the field of information science. May be repeated once for credit as topics vary.

Prerequisites: SLIS 201, SLIS 202, SLIS 301, SLIS 402.

SLIS 494 - Independent Study in Information Science (3 Credits)

Independent study in an area of information science relevant to the students professional goals. May be repeated once for credit as topics vary.

Prerequisites: SLIS 201, SLIS 202, SLIS 301, SLIS 402.

Graduation with Leadership Distinction: GLD: Research

SLIS 496 - Internship in Information Science (3 Credits)

Supervised field experience in an information agency relevant to students professional goals. Approval of the appropriate internship application must be submitted early in the semester preceding enrollment.

Prerequisites: SLIS 201, SLIS 202, SLIS 301, SLIS 402.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Internships

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.