Courses in Information Science

Graduate Courses

C Ist 532
Terrorism, Public Security, and Information Analysis (3)
This course offers online through the Blackboard Learning System. This course discusses information technologies available to assist in intelligence analysis, as well as defensive tools used to combat cyberterrorism and protect our information-based infrastructure. Techniques include advanced information retrieval, summarization, and linking, data analysis and data mining technologies. Legal and ethical issues related to intelligence gathering and monitoring will also be included.

(2385) Prieto, Peter
6 Week 3: July 6-August 14
Online course in Blackboard

C Ist 538
Fundamentals of XML (3)
This course offers online through the Blackboard Learning System. Extensible Markup Language (XML) provides a standard to support automated processing across platforms and applications. Students will learn practical applications of XML, and will apply the standard to sample texts and objects.

(2428) Wolfe, Mark
6 Week 2: June 22-July 31
Online course in Blackboard

C Ist 578
Literature for Young Adults (3)
This course offers online through the Blackboard Learning System. Provides an introductory survey of literature for young adults (ages 12-18), with an emphasis on current authors. Includes a discussion of the characteristics, needs, and reading interests of young adults using the diversity that exists in the classroom and community which may include young adults of different genders and sexual orientations, different cultures and backgrounds and young adults from homes where English is not the primary language. Provides a critical study of the literature, an overview of basic selection tools, practice in book talking and usage of research and evidence-based strategies to promote, through reading, young adults' understanding and respect for diversity and inclusion.

(2386) Frickey, Tonya
12 Week: May 26-August 14
Online course in Blackboard

C Ist 601
The Information Environment (3)
This course offers online through the Blackboard Learning System. Provides a theoretical background for students entering the information science professions. Through guest speakers, field trips, a variety of readings, class discussion, lectures, and writing assignments, students gain knowledge of the critical themes in the field, such as information seeking, users, environments, policies, and ethics.

(2114) Iyer, Hemalata
4 Week 1: May 26-June 19
Online course in Blackboard

C Ist 602
Information and Knowledge Organization (3)
This course offered online through the Blackboard Learning System. An introduction to fundamental concepts and theoretical principles of knowledge-organization models and techniques used to facilitate access to information resources. The emphasis in this course is on interdisciplinary ideas and concepts.

(2115) Iyer, Hemalata
6 Week 1: May 26-July 3

Online course in Blackboard

C Ist 608
Research Methods (3)
This course offered online through the Blackboard Learning System. Basic research methods and statistics for students entering the information science professions. Covers descriptive and inferential statistics through correlation and regression; basic research process methods, quantitative and qualitative, and the creation of grant or research proposals. Prerequisites: Previous IST coursework recommended.

(2464) Rorissa, Abebe
6 Week 1: May 26-July 3

Online course in Blackboard

C Ist 649
Information Literacy Instruction: Theory & Techniques (3)
This course offered online through the Blackboard Learning System. This course is an introduction to information literacy instruction in a variety of types of libraries and other information-related organizations. The history of library instruction, theoretical issues in the field, instructional program development, and teaching techniques will all be included. Students will develop and present an instructional session designed for a specific library or other user group.

(2387) Jacobson, Trudi
6 Week 3: July 6-August 14

Online course in Blackboard

C Ist 653
Digital Libraries (3)
This course offered online through the Blackboard Learning System. Provides an overview of both the theoretical and practical aspects of digital libraries. Topics covered include types and formats of digital content, collection development and selection, digitization and underlying technologies, metadata, organization, access, preservation, project management, and evaluation and use of digital libraries.

(2388) Wolfe, Mark
6 Week 4: June 29-August 7

Online course in Blackboard

C Ist 655
Rare Books (3)
Introduction to the handling and development of rare book collecting; conservation and preservation; terminology and principles of bibliographic description; the antiquarian book trade; the history of rare book collection; important collections.

(2450) Eppard, Phillip
6 Week 1: May 26-July 3
MW 5:00p.m.-8:30p.m.
HU-111

C Ist 676
Administration of School Library Media Centers (3)
This course offered online through the Blackboard Learning System. Problems, practices, and research in the organization, administration and management of school library media centers. The course examines problems, practices and research in the organization, administration and management of school media centers including practices related to local and national standards; services, facilities, policies, and planning including designing and maintaining facilities for persons with disabilities and special needs; budgeting, personnel and organizational factors; public relations, safety and advocacy. The course incorporates
knowledge of federal and state laws, policies, and regulations (e.g., Individuals with Disabilities Education Act [IDEA], Section 504 of the Rehabilitation Act of 1973) and ethical considerations (e.g., confidentiality rights and responsibilities of stakeholders) related to the education of students with disabilities.

(2429) Mersand, Shannon
12 Week: May 26-August 14
*Online course in Blackboard*

C Ist 677
Creating Innovators: The Maker Movement (3)
*This course offered online through the Blackboard Learning System.* Designed for PreK-12 educators, school library media specialists, teacher librarians, classroom teachers, STEM educators, tech integrationists, educational technology teachers, public, special and academic librarians. Explores evidence-based strategies that support building models, prototypes, inventions and innovations to encourage creative problem solving and team collaboration across a range of subject matters, abilities and ages. Applications of learning theory and assessment strategies to create interdisciplinary inquiry-based maker experiences to meet the needs of users from a variety of backgrounds including English Language Learners, exceptional children and adult learners, while promoting a safe and supportive environment for exploration and learning.

(2191) Mersand, Shannon
12 Week: May 26-August 14
*Online course in Blackboard*