



## Elective Courses: MS in Information & Library Science

### **INFORMATION LIFECYCLE**

*Choose at least one (1) from each category:*

**Information Technologies:** *Students will learn to understand how information and computing technologies work and how to apply this knowledge to develop, customize and integrate technologies to solve organizational and individual user information problems.*

- 503 – Special Topics (topic to be approved by advisor)
- 526 – Practicum
- 527 – Special Project
- 558 – Social Media for Information Professions
- 559 – Systems Administration
- 560 – Emerging Technologies
- 562 – Networking Technologies
- 564 – Web Design and Development
- 569 – Database Systems
- 598 – Directed Study

**Information Management:** *Students will learn to find, organize, manage, evaluate and use information resources critically and effectively for the solution of professional information problems.*

- 503 – Special Topics (topic to be approved by advisor)
- 514 – Conceptualizing and Representing Information
- 526 – Practicum
- 527 – Special Project
- 561 – Information Systems Analysis & Design
- 563 – Digital Libraries
- 566 – Information Search
- 571 – Information Organization
- 598 – Directed Study

**INFORMATION USERS & USE:** *Students will learn to understand how people find and use information and how their information needs and behavior vary by context.*

*Choose at least one (1) from the following:*

- 503 – Special Topics (topic to be approved by advisor)
- 518 – Reference & Information Services  
(Note: LIS 508 is a prerequisite for LIS 518)
- 523 – Information Literacy Instruction
- 526 – Practicum
- 527 – Special Project
- 534 – Resources & Services for Children
- 535 – Resources & Services for Young Adults
- 536 – Multicultural & Special Populations Materials for Children & Young Adults
- 577 – Scholarly Communication
- 586 – Health Sciences Librarianship
- 598 – Directed Study

**PROFESSIONAL SKILLS:** *Students will learn knowledge and skills necessary for working in the information professions.*

*Choose at least one (1) from the following:*

- 510 – Law Libraries Administration
- 526 – Practicum
- 527 – Special Projects
- 531 – Marketing of Information Services
- 567 – Government Information
- 568 – Computer Apps. in the School Library Media Center
- 570 – Archival Arrangement & Description
- 580 – Information Policy
- 581 – Management of Libraries and Information Agencies
- 587 – Collection Management
- 588 – Music Librarianship
- 589 – Music Description & Access
- 598 – Directed Study

## Course Rotation

### FALL:

- LIS 507 – Information Life Cycle
- LIS 508 – Information Users and Uses
- LIS 514 – Conceptualizing and Representing Information
- LIS 524 – School Media Center Field Experience
- LIS 525 – School Media Center Practicum
- LIS 534 – Resources and Services for Children
- LIS 538 – Pedagogy for School Librarians
- LIS 564 – Web Design and Development
- LIS 566 – Information Search
- LIS 568 – Computer Apps. in the School Library Media Center
- LIS 575 – Introduction to Research Methods
- LIS 577 – Scholarly Communication

### SPRING:

- LIS 507 – Information Life Cycle
- LIS 508 – Information Users and Uses
- LIS 518 – Reference & Information Services (Note: LIS 508 is a prerequisite for LIS 518)
- LIS 523 – Information Literacy Instruction
- LIS 525 – School Media Center Practicum
- LIS 532 – Curriculum Role of the Media Specialist
- LIS 535 – Resources and Services for Young Adults
- LIS 536 – Multicultural and Special Population Materials for Children & Young Adults
- LIS 558 – Social Media for Information Professions
- LIS 560 – Emerging Technologies
- LIS 563 – Digital Libraries
- LIS 568 – Computer Applications in the School Library Media Center
- LIS 569 – Database Systems
- LIS 571 – Information Organization
- LIS 575 – Introduction to Research Methods
- LIS 581 – Management of Libraries and Information Agencies
- LIS 585 – Management of School Library Media Centers
- LIS 587 – Collection Management

### OTHER ELECTIVES offered as the schedule allows:

- LIS 510 – Law Library Administration
- LIS 531 – Marketing of Information Services
- LIS 559 – Systems Administration
- LIS 561 – Information Systems Analysis and Design
- LIS 562 – Networking Technologies
- LIS 567 – Government Information
- LIS 570 – Archival Arrangement & Description
- LIS 580 – Information Policy
- LIS 586 – Health Sciences Librarianship
- LIS 588 – Music Librarianship
- LIS 589 – Music Description & Access