



### **Course Description**

#### **LIS2004 | Digital Research Strategies | 1.00 credits**

LIS 2004, Digital Research Strategies, equips students with information literacy skills to locate, evaluate, and ethically use information in an evolving digital landscape. Students will apply critical thinking and research techniques to explore traditional and emerging research tools.

### **Course Competencies:**

**Competency 1:** The student will define and refine research needs by:

1. Exploring diverse information sources to gain topic familiarity
2. Formulating focused research questions based on evolving information needs
3. Applying critical thinking skills to generate effective search terms and AI-assisted prompts

**Competency 2:** The student will locate and access information effectively by:

1. Describing how digital information is organized, indexed, and retrieved
2. Selecting and navigating relevant digital information sources
3. Applying advanced search strategies, including filtering, predictive search, and natural language queries
4. Utilizing AI-powered research assistants to streamline search, discovery, and engagement

**Competency 3:** The student will evaluate information critically by:

1. Assessing the reliability, accuracy, and bias of both human-curated and AI-generated content
2. Recognizing the characteristics of misinformation, disinformation, and deepfakes in digital content
3. Identifying types of sources and understanding the structure of academic articles to support critical evaluation

**Competency 4:** The student will apply ethical and legal principles in information use by:

1. Recognizing copyright, fair use, and intellectual property principles when using digital content
2. Demonstrating proper citation techniques using an approved documentation style
3. Analyzing ethical considerations in digital research, including data privacy, algorithmic bias, and plagiarism

### **Learning Outcomes:**

- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Use computer and emerging technologies effectively