

COLLEGE OF INFORMATION SCIENCE
Ph.D. Comprehensive Exam Cover Sheet
Revised August 2025

Advisor: Please feel free to add other elements to this cover sheet but keep and *check* the areas to be covered by the comprehensive exam. This is for use for the College of Information Science Ph.D. Essay-format Comprehensive Exam.

This comprehensive exam, as required by College of Information Science policy, covers the following areas:

- ☐ Foundations of information science and key information theories, as identified in collaboration with advisor/committee.
- ☐ At least two of the primary topics covered in the core curriculum:
 - ☐ Artificial Intelligence & Machine Learning
 - ☐ Archives, Libraries & Museums
 - ☐ Computer Supported Cooperative Work, Team Dynamics, Virtual Teams
 - ☐ Cultural Heritage Informatics, Digital Humanities
 - ☐ Data Science, Management, Analysis & Visualization
 - ☐ Environmental, Health, Biological Information
 - ☐ Extended Reality (VR/AR/XR) & Other Immersive Media
 - ☐ Gaming & Virtual Worlds
 - ☐ Human-Computer Interaction / Human-Centered Computing
 - ☐ Information Behavior/Practice
 - ☐ Information Design, UX/UI
 - ☐ Information Management & Leadership
 - ☐ Information Organization, Access/Use, Digital Curation
 - ☐ Information Policy, Law, Ethics, Diversity
 - ☐ Information, Communication & Society
 - ☐ Makerspaces, Craft & Embodied Knowledge
 - ☐ Science of Science, Sociology of Scientific Knowledge
- ☐ Methodology, methods, and research design relevant to the student's topic area.