INFO 5224 - Metadata for Information Organization and Retrieval II

3 hours

Current trends and advanced topics in metadata theory and practice for information professionals and researchers. Examination of metadata functionality in supporting user tasks and information needs, including general and unique needs of specific user communities. Exploration of metadata interoperability, its implications for digital repositories, and the ways to achieve metadata interoperability goals. Discussion of metadata transformation principles and utilization of existing tools and technologies for metadata transformation. Exploration of metadata quality and the ways in which it affects retrieval of information resources; evaluation of metadata records using metadata quality control frameworks. Examination of Linked Data tools and techniques applicable to digital library metadata. Application of RDF and JSON as syntaxes for metadata encoding. Exploration of existing and emerging standards, metadata schemes, and controlled vocabularies for representing materials in specialized digital archives.

Prerequisite(s): INFO 5223 or consent of department.

Course specific fees (in addition to tuition and mandatory):
Academic (AF) per hour: $13.80