Data Management and Data Curation

**Suggested Core:**
562 Metadata in Theory and Practice  
586 Digital Preservation  
590DC Foundations of Data Curation

**Suggested Electives:**
452 Foundations of Information Processing in LIS  
453 Systems Analysis and Management  
456 Information Storage and Retrieval  
490DB Introduction to Databases  
503 Use and Users of Information  
522 Information Sources and Services in the Sciences  
530B Health Sciences Information Services and Resources  
530I Bio Informatics Problems and Resources  
561 Information Modeling  
590CW Computer Supported Coop Work [Computer Supported Cooperative Work]  
590MG Project Management  
590OD Ontology Development  
590RO Representing and Organizing Information Resources  
590THA Theories of Information A

**Experiential Learning:**
Describe items with different metadata standards  
Research tools and technology for preservation and curation purposes  
Convert or migrate digital objects  
Assist with research for grant applications  
Become familiar with the use and implementation of different protocols and data models  
Develop data case studies

**Professional Organizations:**
Association for Information Science and Technology (ASIS&T)  
American Medical Informatics Associates  
Association for Computing Machinery (ACM)  
Association for Educational Communications and Technology  
Digital Libraries Federation  
Library and Information Technology Association (LITA)  
Association for Information and Image Management (AIIM)

**Sample Job Titles:**
Data Services Librarian  
Data Curator  
Metadata Specialist