Digital Humanities Pathway — Required and Recommended Courses

Description:
Digital humanities (DH) is a rapidly growing field—an area of scholarly activity at the intersection of digital technologies and the disciplines of the humanities. This pathway is designed to prepare students for careers in the new generation of information professionals who will collaborate in research, teaching, and professional development in DH. You will gain knowledge and skills in the systematic use of digital resources in the humanities and the application of cutting-edge digital information technology and methods. Career possibilities include roles in DH centers (many of which are hosted in academic libraries), educational units that provide DH educational programs, and cultural heritage institutions such as libraries, archives, and museums (LAMs) that serve humanities scholars, students, and users.

Considering the variety of backgrounds that our MLIS students possess, this pathway gives flexibility so that students can build upon their prior knowledge and make a custom pathway by choosing among a broad range of electives.

REQUIRED MLIS CORE (13 CREDIT HOURS)		
LIS 60020	Information Organization	3
LIS 60030	People in the Information Ecology	3
LIS 60040	Information Institutions and Professions	3
LIS 60050	Research and Assessment in Library and Information Science	3
LIS 60280	Master's Portfolio in Library and Information Science	1

FOUNDATIONAL (KEY) COURSES (Choose at least 18 CREDIT HOURS among the three categories)		
LIS 50647	Introduction to Digital Humanities	3
LIS 60635	Cultural Heritage Informatics	3
Digital Technologies		
LIS 60510	Digital Technologies I: Data Fundamentals	1
LIS 60511	Digital Technologies II: Internet Fundamentals	1
LIS 60512	Digital Technologies III: Information Systems Fundamentals	1
LIS 60631	Introduction to Digital Preservation (prerequisites = LIS 60510, 60511)	3
LIS 60633	Digital Curation (prerequisites = LIS 60510, 60511)	3
LIS 60651	Digital Image Processing and Collection Management	3

LIS 61095	(Special Topic) Linked Data	3
Contexts		
LIS 60615	The Academic Library	3
LIS 60654	Preservation and Conservation of Heritage Materials	3
LIS 60659	Introduction to Audiovisual Archiving	1
LIS 60665	Rare Books and Special Collections	3
LIS 60700	Foundations of Museum Studies	3
LIS 60701	Museum Collections (prerequisite = LIS 60700)	3
Research		
KM 60370	Semantic Analysis Methods	3
LIS 60613	Information Needs, Seeking and Use (key)	3
LIS 60636	Knowledge Organization Systems, Structures and Services	3
UX 60001	User Experience Design Principles and Concepts	3

COURSES offered by OTHER KSU PROGRAMS (Choose no more than 6 CREDIT HOURS)		
GEOG 59070	Geographic Information Science	4
ETEC 67435/77435	Virtual and Augmented Reality	3
CS 63015	Data Mining Techniques *	3
CS 54201	Artificial Intelligence *	3
CS 64201	Advanced Artificial Intelligence *	3
CS 64401	Image Processing *	3
CS 67101	Advanced Computer Graphics *	3
CS 67302	Information Visualization *	3
*Recommended only for students from a computer science undergraduate program		

Digital Humanities Pathway — Additional Information and Resources

Topics and career opportunities:

- Humanities research enabled through digital media and computational methods
- Computer applications in literary, linguistic, cultural, and historical studies
- Visual approaches enabling novel analysis and exploration of resources
- Studies regarding the role of art and design (design thinking) in humanities
- Open science and citizen science enabling cultural change towards collaboration and openness
- Enhancing education in the humanities
- Digital arts, architecture, music, film, theatre, new media, digital games, and related areas
- Creation and curation of humanities digital resources
- Social, institutional, global, multilingual, and multicultural aspects of digital humanities
- Interdisciplinary aspects of digitally enabled scholarship
- Application of innovative methods and cutting-edge digital technologies in the context of the humanities

Additional skills:

- Strong collaboration with customers and stake holders across multiple organizations
- Categories of technical competencies:
  - Digital stewardship
  - DH research methods and tools
  - System administration and software development

Sample job titles: Find more current available jobs, check**: ALA dh + lib** https://acrl.ala.org/dh/ and **Digital Humanities Now** https://digitalhumanitiesnow.org/

Librarian
- Digital Humanities Librarian
- Digital Humanities and Social Sciences Librarian
- Digital Humanities and Web Services Librarian
- Global Digital Humanities Librarian
- Data Services and Digital Scholarship Librarian
- Data and Information Visualization Librarian
- Humanities and Digital Scholarship Librarian
- Humanities Research and Digital Instruction Librarian
- Digital Scholarship & UX Design Librarian
- Digital Scholarship Outreach Librarian
- Librarian for Collections and Digital Scholarship
- Emerging Technologies and Digital Scholarship Librarian
- Global Digital Humanities Librarian
- Scholarly Communications Librarian

Other titles as archivist, specialist, developer, manager, etc.
- Digital Humanities Project Coordinator
- Digital Humanities Analyst
- Digital Publishing Fellow
- Digital Humanities Archivist
- Digital Scholarship Archivist
- Digital Scholarship Strategist
- Digital Humanities Specialist
- Digital Humanities Developer
- Developer for Digital Arts and Humanities
- Research Associate--Digital Humanities Initiative
- Digital Scholarship Technologist
- Digital Scholarship and Repository Analyst
- Museum Curator (Digital)
- Literature and Humanities Developer

Digital Humanities Centers / Digital Scholarship Centers**

–hosted in **libraries** (examples):

Columbia University
Digital Humanities Center (DHC)
http://library.columbia.edu/locations/dhc/about.html

Princeton University
Center for Digital Humanities
https://cdh.princeton.edu/about/

McMaster University
Sherman Centre for Digital
Scholarship https://scds.ca

University of California, Santa
Barbara Interdisciplinary Research
Collaboratory
https://www.library.ucsb.edu/interdisciplinary-research-collaboratory

University of Cincinnati
Digital Humanities | Digital Scholarship
Center https://sites.libraries.uc.edu/dsc

–libraries are major collaborators (Examples in USA):

- Maryland Institute for Technology in the Humanities (University of Maryland, USA)
- Roy Rosenzweig Center for History and New Media (George Mason University, Virginia, USA)

- Cultural Analytics Lab (The Graduate Center, City University of New York, USA, and Qualcomm Institute, USA)
- Institute for Advanced Technology in the Humanities (University of Virginia, USA)

Find **hundreds of DH centers in the world, where libraries are always a major collaborator
– from centerNet, an international network of digital humanities centers https://dhcenternet.org

Digital Humanities Course / Program Registry

https://dhcr.clarin-dariah.eu/

Important Associations/Conferences

- Association for Computers and the Humanities
- HASTAC (Humanities, Arts, Science, and Technology Alliance and Collaboratory)
- Alliance of Digital Humanities Organizations (hosts annual *Digital Humanities* international conference)

Journals

- *Digital Humanities Quarterly*
- *Digital Scholarship in the Humanities*
- *International Journal of Humanities and Arts Computing*