

Digital Curation Education Programs in the United States

Digital Curation

- Depends upon an interdisciplinary & international approach
- Attends to a digital object's entire lifecycle
- Demands a holistic perspective

Our Study Explores

- Coursework & fieldwork
- Similarities & differences
- Degree programs
- Current as of November 2011
- Prerequisite knowledge
- Program history & funding
- Analyzed web content

Results

- Students interested in digital curation have numerous options
- Most programs reside in schools of library and information science
- Programs contain a range of course content within the digital curation domain

Current Programs

University of North Carolina at Chapel Hill - Certificate in Digital Curation

- School of Information and Library Science
- Established in 2010
- Five required courses:
 - Understanding Information Technology for Managing Digital Collections
 - Electronic Records Management OR Digital Libraries
 - Introduction to Archives and Records Management
 - Systems Analysis OR Resource Selection and Evaluation
 - Digital Preservation and Access
- Choice of a master's paper focusing on digital curation or fieldwork
- Major emphasis: Digital Curation Certificate for MS-level students

University of Illinois at Urbana Champaign - Data Curation Education Program (DCEP)

- Graduate School of Library and Information Science
- Established in 2006
- Three required courses:
 - Foundations of Data Curation
 - Digital Preservation
 - Systems Analysis and Management
- Two additional electives
- IMLS funded internships and fellowships
- Major emphasis: Data Curation curriculum for MS-level students

University of North Texas – Graduate Academic Certificate in Digital Curation and Data Management

- College of Information
- Beginning in 2012 additional coursework will be developed for the proposed graduate certificate
- Courses to be submitted for approval in Spring 2014
- One Established Course:
 - Cyberinfrastructure Fundamentals for Digital Curation and Data Management
- IMLS funded
- Major emphasis: Digital Curation graduate level certificate

Syracuse University – Certificate in Advanced Studies in eScience (CAsEs)

- School of Information Studies
- Began in Fall 2011
- Four required courses and one elective course
- Requirements: 15 credit hours covering specific focus areas of digital curation and cyberinfrastructure education
- Required courses:
 - Database Administration Concepts and Database Management
 - Scientific Data Management
 - Digital Libraries
 - Managing Information Systems Projects
- Major emphasis: Scientific Data Management graduate-level certificate

University of Arizona – Digin: Certificate Program Digital Information Management

- School of Information Resources and Library Science
- Established in 2006
- Six required courses (all online):
 - Introduction to Digital Collections
 - Introduction to Applied Technology
 - Managing the Digital Environment
 - Preservation of Digital Collections
 - Advanced Digital Collections
 - Digin Capstone (fieldwork)
- IMLS funded scholarships
- Major emphasis: Digital Information Management graduate level certificate (non-degree)

University of Michigan at Ann Arbor - Preservation of Information Specialization

- School of Information
- Established in 2008
- Twelve course credits including one required course:
 - Preservation Information
 - Data Manipulation
 - Economics of Sustainable Digital Preservation
 - Web Archiving
 - Advanced Preservation Administration
 - Physical Treatment Process for Preservation
 - Digitization for Preservation
 - Data Curation
- IMLS funded internships
- Major emphasis: Digital Preservation Specialization

Pratt – Cultural Heritage Access Research & Technology (CHART)

- School of Information and Library Science
- Began in Fall 2011
- Grant Project Name - CHART
- Curriculum focus for Master's level students
 - Management of Digital Collections
 - Social Media
 - Digital Preservation & Conservation
 - Cultural Heritage Collections Across Libraries, Museums & Archives
- Fieldwork (practicum, internships at cultural institutions)
- IMLS funded tuition support
- Major emphasis: Cultural Heritage Informatics and preservation curriculum for MS-level students

Kent State University Certificate of Advanced Study in Digital Preservation

- School of Library and Information Science
- Required courses:
 - Introduction to Digital Preservation
 - Technologies for Digital Preservation and Web Archiving
 - Digital Curation
- Major emphasis: Digital Preservation Certificate of Advanced Study for post-MS students

University of Maine - Digital Curation Graduate Certificate

- Department of New Media, Begins fall 2012
- Courses created:
 - Collection Management and Curation
 - Metadata Systems and Markup Languages
- Major emphasis: online Digital Curation Graduate Certificate (non-degree)