DIVISION OF LIFELONG LEARNING

GRADUATE CERTIFICATE IN DIGITAL CURATION

WHAT IS DIGITAL CURATION?

To study digital curation is to learn how to acquire, organize, present, and preserve information and culture in the age of new media and the Internet. Whether you work in an archive, museum, library, studio, business, doctor’s office, or government office, you’ll learn how to collect, make accessible via database and Web site, and preserve digital assets ranging from videotapes to photographs to textual records.

For more information visit online.umaine.edu/dig

WHO NEEDS DIGITAL CURATION?

• An archivist in a photographer’s studio wants to put a database of vintage sailing photos online but doesn’t know where to start.
• A town official is feeling pressure to keep digital records but isn’t sure what formats will be accessible in the long term.
• A curator in a museum is worried that her recordings of stories will be lost once the audio cassettes are no longer playable.
• A healthcare administrator needs to sort through data on drug effectiveness to make policy decisions for his hospital.
• A researcher needs to prepare a data management plan to comply with requirements for a National Science Foundation grant.
• A grad student wants to leverage historical records to create an interactive online map of the Battle of Gettysburg.

In this age of constantly changing hardware and software, anyone who manages digital files, or has contemplated digitizing an analog collection, can benefit from the University of Maine’s Digital Curation online program. Hailed as “a national standard for the study of digital curation,” this graduate certificate will teach you how to acquire, organize, share online, and preserve your collection.

PROGRAM REQUIREMENTS (18 credits)

1. Acquisition (digitization, recording, selection, law)
   • DIG 500: Introduction to Digital Curation (3 cr.)

2. Representation (documentation, metadata)
   • DIG 510: Metadata (3 cr.)

3. Access (database, collection, presentation, network)
   • DIG 540: Digital Collections and Exhibitions (3 cr.)

4. Preservation (obsolescence, conservation, media formats)
   • DIG 550: Digital Preservation (3 cr.)

5. Internship (fieldwork, placement, community)
   • DIG 580: Digital Curation Internship

6. Electives
   • COS 430: Introduction to Cybersecurity (3 cr.)
   • EDT 520: Digital Age Teaching and Learning Methods (3 cr.)
   • EDT 545: Information Security in the Educational Environment (3 cr.)
   • EDT 550: Video Communications in the 21st Century (3 cr.)
   • EDT 560: Applying Technology to Assessment in Education (3 cr.)
   • EDT 598: Advanced Instructional Design (3 cr.)
   • EDT 598: Designing Networks to Optimize Learning (3 cr.)
   • EDT 598: Technology Supported Inquiry-Based Teaching and Learning (3 cr.)
   • HTY 597: Field Work in Historical Institutions (3 cr.)
   • INT 598: Pop! Tech: The Impact of Technology on Society (3 cr.)
   • MSE 497: Independent Study in Museum Studies/Museum Education (1-3 cr.)
   • NMD 597: Independent Study in New Media (3 cr.)
   • SIE 525: Information Systems Law (3 cr.)
   • SIE 558: Real-time Sensor Data Streams (3 cr.)
   • SIE 590: Information Systems Internship (3-6 cr.)

THE UMAINE ONLINE ADVANTAGE

• Education from expert faculty
• Engaged learning environment
• The same respected degree that on campus students receive
• Excellent preparation for employment
• Dedicated online student support services
• Flexibility of attending class on your schedule
• More than 500 online courses
• Competitive tuition rates
• Advisors to guide you from enrollment to graduation

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Contact an advisor to get started today umaine.edu/online
INNOVATIVE TEACHING TOOLS

Although taught entirely online, all classes in the program make use of interactive online resources to teach hands-on skills along with broader knowledge about the field. The EAB report highlights the University of Maine’s “free online tutorials that foster individualized learning” to help accommodate “students’ varying levels of technological knowledge.”

UMaine is also one of the only programs to furnish out-of-state students with a tuition comparable to that for in-state students.

A GROWING FIELD

As they adapt to the digital era, more and more organizations are realizing they need employees with digital curation skills to manage their workflows. According to a recent report from the Education Advisory Board, US employer demand for digital curation professionals grew 60% from 2010 to 2013. The same study found 42% of digital curation jobs advertise salaries offer higher than $75,000, while 80% advertise salaries above $50,000. The fastest-growing sectors for digital curation jobs include education, science, and healthcare.

—2014 Educational Advisory Board report on “Market Demand for Digital Curation Master’s Degree Programs.”

FACULTY

The program draws from faculty expertise in a range of disciplines, including new media, history, art history, computer science, and library science. UMaine’s Digital Curation faculty are renowned in the field for groundbreaking research and publications, including the first academic book on digital preservation, and have earned grants from the NEH, NEA, and other funders for their cutting-edge research in the field. The curriculum’s wide-spectrum approach to the subject of collection management in the digital age may be especially appealing to small-scale institutions, whose staff is often required to offer both cultural and technical support.

TESTIMONIALS

“The DIG program is off to a terrific start as a national standard for the study of digital curation.”

“Being able to read from Re-collection: Art, New Media, and Social Memory, while given lessons by one of the book’s authors...that’s just fantastic!”

“Well-ordered sequence, and an abundance of reading and informal exchange without an overemphasis on scholarly responses.”

“The instructors are approachable, personable, and collegial with students.”