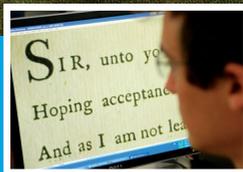
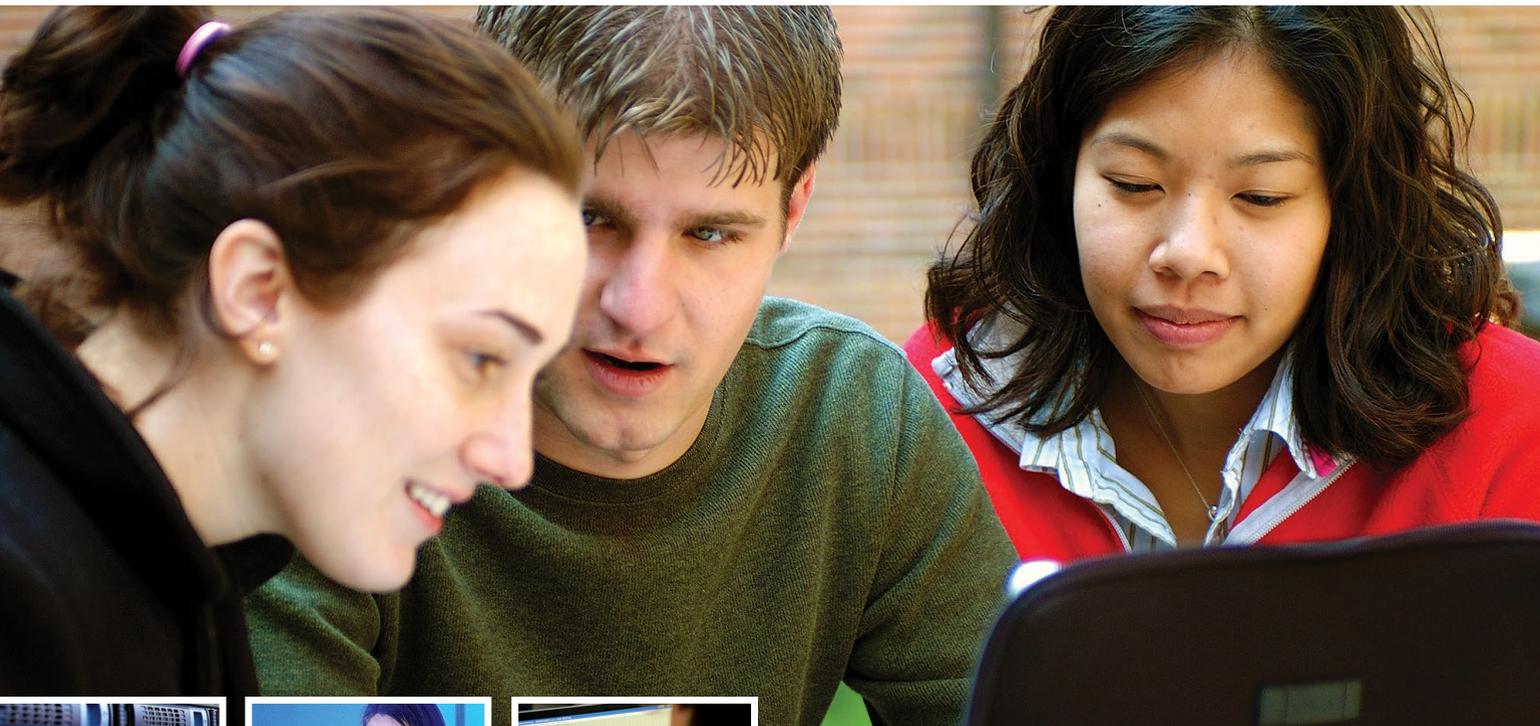


specialization in
data curation



Data curators take an active role in the ongoing management of data through its lifecycle of interest to scholarship, science, and education. To do this, they partner with scientists, scholars, computer scientists, IT professionals, and libraries and other organizations that support the research process.



specialization in data curation

At its root, the field of library and information science has always been concerned with collecting, preserving, and providing access to information. Every academic field, from the hard sciences to the humanities, produces information in the form of research data that needs to be collected and preserved for future scholars to use. Data curators develop strategies to collect, access, and store data throughout its digital lifecycle.

Data curation brings together library and information science and archival theory as well as digital technologies for information discovery, access, and reuse, to maximize the future usefulness of data. Data curators take an active role in the ongoing management of data through its lifecycle of interest to scholarship, science, and education. To do this, they partner with scientists, scholars, computer scientists, IT professionals, and libraries and other organizations that support the research process.

GSLIS has taken a leading role in both data curation education and research, and the program specialization is considered an exemplar in the field. The focus is on data collection and management, knowledge representation, digital preservation and archiving, data standards, and policy.

Admission requirements

Admission requirements for the specialization in data curation are the same as those for the master's degree program, which include several steps that allow applicants to show their interest in and qualification for study. Contact the GSLIS Admissions Office with questions about the admissions process at (800) 982-0914 or visit www.lis.illinois.edu/admissions.

GSLIS faculty working in data curation

Bertram Ludäscher, professor
(PhD Freiburg)

Jerome McDonough, associate professor
(PhD Berkeley)

Allen Renear, professor
(PhD Brown)

Victoria Stodden, associate professor
(PhD Stanford)

Past internships

An important element of the specialization is the opportunity for field work. Internships have recently taken place at the following institutions:

- National Snow and Ice Data Center (NSIDC)
- Smithsonian Institution, Digital Services Division
- Purdue University Library, Distributed Data Curation Center
- National Library of Medicine
- State Historical Society of North Dakota
- Brown University Women's Writers Project

CIRSS

The Center for Informatics Research in Science and Scholarship (CIRSS) is the hub of data curation education and research activities at GSLIS. The Center conducts research on information problems that impact scientific and scholarly inquiry. Projects and activities focus on how digital information can advance the work of scientists and scholars, the curation of research data, and the integration of information within and across disciplines and research communities. Find out more at <http://cirss.lis.illinois.edu>.

