

INFORMATION MANAGEMENT, MS

for the degree of Master of Science in Information Management (on campus & online)

Information Management, MS online is not currently accepting applications; suspension of admissions effective Spring 2022

The Master of Science (MS) in Information Management prepares students for professional roles in the design and management of information systems and services in organizations in a range of sectors. Areas of specialization include data science and analytics; knowledge management and information consulting.

On-campus or Online

Two scheduling options are available to students pursuing the M.S. in Information Management. The on-campus option serves students who are in residence at Urbana-Champaign, as well as part-time, commuting students. The online scheduling option is an online education option that uses the Internet and other information technologies for delivery.

The School of Information Sciences (iSchool) offers programs of study leading to the Master of Science (M.S.), the Certificate of Advanced Study (C.A.S), and the Doctor of Philosophy degrees. Three Master of Science (M.S.) degrees are available. The M.S. in Library and Information Science (L.I.S.) prepares students for professional careers in all types of information organizations, including libraries. The M.S. in Information Management (I.M.) will prepare the students for information-intensive professional roles in a broad range of sectors. The Library and Information Science concentration of the campus-wide M.S. in bioinformatics program emphasizes multidisciplinary skills that are required for a career developing and managing information systems for the biological sciences community. The C.A.S. program provides the opportunity

1. to study an aspect of information sciences in greater depth than is possible in the M.S. program,
2. to refresh and upgrade one's professional training several years after completing a M.S. program, or
3. to redirect one's career into a different area of library and information science.

School Librarian Licensure is available in conjunction with both the M.S. in L.I.S. and C.A.S. The Ph.D. is a research degree program.

Admission

The general admission requirements of the Graduate College apply. Consideration is also given to language study and computer skills, relevant work experience, letters of reference, and evidence of leadership. International students must score at least 620 on the paper-based Test of English as a Foreign Language (TOEFL) (260 on the computer-based test; 104 on the iBT version); or 7.5 on each section of the IELTS. The M.S. in bioinformatics requires a strong background in information science including undergraduate-level computing and mathematics. The C.A.S. requires a master's degree in library and information science and a grade point average of at least 3.0 (A = 4.0) in the master's program.

School Librarian Licensure

Candidates interested in the School Librarian Licensure program must first be admitted and enrolled as a degree-seeking student within the School of Information Sciences before their application to the School Librarian Licensure program is reviewed. Accepted students must successfully pass two Illinois State Board of Education testing requirements prior to registration for the final fieldwork experience.

Graduate Teaching Experience

Although teaching is not a general Graduate College requirement, experience in teaching is considered an important part of the graduate experience in the Ph.D. program for those interested in faculty careers.

Facilities and Resources

Among the major areas of faculty research are:

- community informatics
- data analytics
- data curation
- digital humanities
- digital libraries
- history of information
- information retrieval
- organization of knowledge and information
- privacy, security, and trust
- ethics and values for information
- youth literature, culture, and services

The iSchool's Center for Informatics Research in Science and Scholarship (CIRSS) conducts research on information problems that impact scientific and scholarly inquiry. The Center for Children's Books (CCB) provides a review and research collection of the newest literature for children and young adults. The Communications Office produces two high-quality publications, *Library Trends* and *The Bulletin of the Center for Children's Books*. The staff of each of these units is available to students and faculty for consultation and guidance. A computer network with Internet connectivity is integral to teaching and learning activities. The University Library provides a vast reservoir of resources for all types of study and research in library and information science.

The School maintains an ongoing commitment to continuing education through conferences, institutes, workshops, and course offerings.

Financial Aid

Financial aid may be available from the iSchool, the University Library, and elsewhere in the University in the form of graduate assistantships, teaching assistantships, research assistantships, and hourly paid work. Area libraries may provide pre-professional or hourly positions. Also, the iSchool offers a limited number of fellowships for which doctoral students tend to be favored over C.A.S. and master's degree students. Students in the joint program that do not hold a FLAS fellowship are eligible for, but not guaranteed, fellowship or assistantship support in the semesters in which they are enrolled in the iSchool. Any assistantship awarded to these students provides a waiver of the base in-state tuition and service fee as well as a stipend. Non-Illinois residents must pay the difference between in- and out-of-state tuition.

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This degree program can be completed either on campus or online.

For additional details and requirements, refer to the unit's Graduate Programs of Study (<https://ischool.illinois.edu/degrees-programs/>) and the Graduate College Handbook (<https://grad.illinois.edu/gradhandbook/>).

Code	Title	Hours
IS 504	Sociotechnical Information Systems	4
IS 507	Data, Statistical Models and Information	4
IS 515	Information Modeling	4
Research/Project/Independent Study		max 4
Elective courses (subject to Other Requirements and Conditions below)		28
Total Hours		40

Other Requirements may overlap

Requirement	Description
Minimum Hours Required within the 28 Unit	
Minimum 500-level Hours Required Overall	12
Competency in at least one programming language	
Minimum GPA:	2.75

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Upon completion of the MSIM program, students will be able to:

1. Manage information using best practices in management and policy; knowledge representation; human-centered design and systems; and data analytics.
2. Define and successfully address a tractable research question or real world problem in information management using the appropriate scientific and/or research methods.
3. Accurately convey the implications of analytical results (in both oral and written modalities) to diverse stakeholders.
4. Articulate and critique the range of values and of ethical standpoints within which complex sociotechnical design occurs.
5. Apply best practices for providing value, leadership, and team building.
6. Stay up-to-date by learning how to read, analyze, discuss, synthesize, and critique advances reported in the research literature.

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Graduate Degree Programs in the School of Information Science

- Majors
 - Bioinformatics: Information Sciences, MS (<http://catalog.illinois.edu/graduate/is/concentration/information-sciences/bioinformatics/>) (on campus & online) Information Management, MS (p. 1) (on campus & online)
 - Library & Information Science, MS (<https://ischool.illinois.edu/degrees-programs/graduate/ms-library-and-information-science/>) (on campus & online)

- Library & Information Science, CAS (<http://catalog.illinois.edu/graduate/is/library-information-science-cas/>) (on campus & online)
- Information Sciences, PhD (<http://catalog.illinois.edu/graduate/is/information-science-phd/>)
 - optional concentration
 - Writing Studies (<http://catalog.illinois.edu/graduate/las/concentration/writing-studies/>)
- Joint Programs
 - Library & Information Science, MS and African Studies, MA (http://catalog.illinois.edu/graduate/is_las/joint-degree/african-studies-ma-library-information-science-ms/)
 - Library & Information Science, MS and History, MA (http://catalog.illinois.edu/graduate/is_las/history-ma-library-information-science-ms/)
 - Library & Information Science, MS and Law, JD (http://catalog.illinois.edu/graduate/is_law/joint-degree/library-information-science-ms-law-jd/)
 - Library & Information Science, MS and Russian, East European, & Eurasian Studies, MA (http://catalog.illinois.edu/graduate/is_las/joint-degree/russian-east-european-eurasian-studies-ma-library-information-science-ms/)

School Librarian Licensure (<https://ischool.illinois.edu/degrees-programs/graduate/ms-library-and-information-science/school-librarian-licensure/>): available in conjunction with both the MS in LIS and CAS in LIS

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School of Information Sciences

Dean: Eunice Santos

Program Contact: Katrina Hagler

School of Information Sciences website (<https://ischool.illinois.edu/>)

iSchool Faculty (<https://ischool.illinois.edu/people/faculty/>)

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(217) 244-3432, (800) 982-0914 (within the US)

ischool email (ischool-apply@illinois.edu)

Admissions

Overview of MS/IM Admissions & Requirements (<https://ischool.illinois.edu/degrees-programs/ms-information-management/>)

Graduate College Admissions & Requirements (<https://grad.illinois.edu/admissions/apply/>)