INFORMATION SCIENCES

http://ischool.illinois.edu/

Dean of the School: Allen Renear
501 East Daniel Street
Champaign, IL 61820-6211
(217) 333-7197, (800) 982-0914 (within the U.S.)
E-mail: ischool-apply@illinois.edu

Major: Information Management
Degree Offered: M.S.

Major: Library and Information Science
Degrees Offered: M.S., C.A.S., Ph.D.
Graduate Concentrations: Digital Libraries (C.A.S. only), Writing Studies
(http://catalog.illinois.edu/graduate/graduate-majors/writing-studies)
(Ph.D. only)

Major: Bioinformatics
Degree Offered: M.S.

Graduate Concentration: Library and Information Science

Online Programs
Degrees Offered: M.S., C.A.S.
Graduate Concentration: Digital Libraries (C.A.S. only)
Information Management: M.S.
Library and Information Science: M.S., C.A.S.

Joint Degree Program: Library and Information Science and African Studies
Degrees offered: M.S. and M.A.

Graduate Degree Programs

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.) degree scheduling options 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 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. programs,
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.

K-12 Library Information Specialist 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

Applicants are admitted in the fall, spring, and summer semesters. 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 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. K-12 admission requires admissions into the M.S. program and a passing score on the Illinois Test of Academic Proficiency.

K-12 Library Information Specialist Licensure

The K-12 Licensure option allows students to meet the requirements for the M.S. or C.A.S in L.I.S. while also pursuing the courses and training needed for state teacher licensure. Courses in library and information science as well as education, practicum, and student teaching are required for licensure. The requirements for the Library Information Specialist licensure were approved by the Illinois State Board of Education (ISBE) in 2001. K-12 licensure may be pursued on-campus or via the online scheduling option.

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 libraries
- information retrieval
- information organization
- information history and policy
- librarianship and literature for youth
- privacy, security, and trust
- ethics and values for information

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 Center for Digital Inclusion (CDI) fosters inclusive and sustainable societies through research, teaching, and public engagement about information and communication technologies (ICT) and their impacts on communities, organizations, and governments. 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.

- Master of Science in Information Management (http://catalog.illinois.edu/graduate/graduate-majors/library-info-sci/ms-info-mngmt)
- Master of Science in Library and Information Science (http://catalog.illinois.edu/graduate/graduate-majors/library-info-sci/ms-library-info-sciences)
- Master of Science in Bioinformatics, Library and Information Science Concentration (http://catalog.illinois.edu/graduate/graduate-majors/library-info-sci/ms-bioinfo)

Doctor of Philosophy in Library and Information Science

The Ph.D. program consists of the following components:

1. a history and foundation of LIS seminar (4 graduate hours);
2. research methods (8 or more graduate hours);
3. electives (36 graduate hours);
4. field exam; and
5. thesis (32 or more graduate hours).

Thus, a minimum of 48 graduate hours of coursework plus 32 graduate hours of thesis credit are required.

Entering with approved M.S./M.A. degree

A history and foundation of LIS seminar 4
Research methods (min 8) 8
Electives 20-36
Research/Project/Independent Study Hours (16 max applied toward degree) 0-16
IS 599 Thesis Research 0 to 16
Total Hours 48-64

Other Requirements

Other requirements may overlap
Minimum Hours Required Within the Unit: 20 hours of electives
A minimum of two years in residence is required to complete the necessary coursework; an additional year or more, preferably in residence, is required for the thesis.

Qualifying Exam Required Yes
Preliminary Exam Required Yes
Final Exam/Dissertation Defense Required
Dissertation Deposit Required Yes
Minimum GPA: 3.25

For additional details and requirements refer to the unit's Graduate Programs of Study (http://www.lis.illinois.edu/programs) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).

M.S. Library and Information Science and M.A. African Studies

This joint master's degree includes a program of language and area studies courses leading to an interdisciplinary Master of Arts degree in African Studies as well as a program of study leading to the Master of Science in Library and Information Science. The joint degree matches area expertise with professional education, and prepares students for professional careers in all types of information organizations, including...
libraries. Students should enroll in LIS first and then contact the African Studies program for their application instructions.

### Thesis Option

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS 501</td>
<td>Information Organization and Access</td>
<td>4</td>
</tr>
<tr>
<td>IS 502</td>
<td>Libraries, Information and Society</td>
<td>2 or 4</td>
</tr>
<tr>
<td>IS 530</td>
<td>Information Needs of Particular Communities</td>
<td>2 or 4</td>
</tr>
<tr>
<td>IS 590</td>
<td>Advanced Problems in Information Sciences</td>
<td>1 to 4</td>
</tr>
</tbody>
</table>

LIS elective courses selected in consultation with an advisor who is a member of the iSchool faculty. (IS 591, 2 hours and IS 592, up to 4 hours, may be included)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFST 522</td>
<td>Development of African Studies</td>
<td>4</td>
</tr>
</tbody>
</table>

African language proficiency at level of 6 semesters of course work (includes Arabic) NOTE: Hours for language can’t be applied toward degree requirements, but is included in the calculation of the GPA.

Elective courses from the approved African Studies course list selected in consultation with an advisor who is a member of the African Studies faculty (coursework must be from 3 different disciplines; 8 hours must be at the 500-level, excluding AFST 550 and AFST 599; Maximum 4 hours of AFST 550 may be used) Electives and thesis must total at least 24 hours.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFST 599</td>
<td>Thesis Research</td>
<td>8</td>
</tr>
</tbody>
</table>

Total Hours 49-56

### Other Requirements

Other requirements may overlap

Minimum 500-level Hours Required Overall: 24

Minimum GPA: 3.25

For additional details and requirements refer to the unit's Graduate Programs of Study (http://www.lis.illinois.edu/programs) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).

The M.S. and C.A.S. online requirements are the same as the on campus requirements.

### Non-Thesis Option

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS 501</td>
<td>Information Organization and Access</td>
<td>4</td>
</tr>
<tr>
<td>IS 502</td>
<td>Libraries, Information and Society</td>
<td>2 or 4</td>
</tr>
<tr>
<td>IS 530</td>
<td>Information Needs of Particular Communities</td>
<td>2 or 4</td>
</tr>
<tr>
<td>IS 590</td>
<td>Advanced Problems in Information Sciences</td>
<td>1 to 4</td>
</tr>
</tbody>
</table>

LIS elective courses selected in consultation with an advisor who is a member of the iSchool faculty. (IS 591, 2 hours and IS 592, up to 4 hours, may be included)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFST 522</td>
<td>Development of African Studies</td>
<td>4</td>
</tr>
</tbody>
</table>

African language proficiency at level of 6 semesters of course work (includes Arabic) NOTE: Hours for language can’t be applied toward degree requirements, but is included in the calculation of the GPA.