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Graduate School of
LIBRARY AND INFORMATION SCIENCE

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

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INFORMATION SCIENCE
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All dates, courses, requirements, fees, and so forth, given in this catalog are subject to change without notice.

Detailed information may be obtained by addressing
inquires as indicated below:

Graduate School of Library and Information Science
410 David Kinley Hall
University of Illinois at Urbana-Champaign
1407 W. Gregory
Urbana, Illinois 61801-3680
(217)333-3280

The policy of the University of Illinois is to comply fully with applicable federal and state nondiscrimination and equal opportunity laws, orders, and regulations. The University of Illinois will not discriminate in its programs and activities against any person because of race, color, national origin, ancestry, religion, age, sex, handicap, or status as a disabled veteran of the Vietnam era. This nondiscrimination policy applies to admissions, access to treatment, and employment in the University programs and activities.

Vice-President Ronald W. Brady has been designated as the University equal opportunity officer for the University of Illinois. For additional information on the equal opportunity and affirmative action policies of the University, please contact for the Urbana-Champaign campus: for academic personnel, Joseph H. Smith, Assistant Vice-Chancellor for Academic Affairs and Director of Academic Affirmative Action, 209 Coble Hall, 801 S. Wright, Champaign, Illinois 61820 (217)333-0885; for nonacademic personnel, James Ransom, Jr., Chancellor's Nonacademic Affirmative Action Office, Room 136, 52 E. Gregory Drive, Champaign, Illinois 61820 (217)333-2147.

Calendar

In addition to the following, graduate students should consult the Graduate College Calendar for applicable deadlines. Copies of the Graduate College Calendar are available in departmental offices or at 330 Administration Building.

Fall Semester 1982

Registration Aug. 25, Wed.—Aug. 26, Thurs.
Instruction begins Aug. 30, Mon.
Labor Day (all-campus holiday) Sept. 6, Mon.
Thanksgiving vacation Nov. 25, Thurs.—Nov. 28, Sun.
Instruction ends Dec. 14, Tues.
Reading Day Dec. 15, Wed.
Examinations Dec. 16, Thurs.—Dec. 23, Thurs.

Spring Semester 1983

Registration Jan. 12, Wed.—Jan. 13, Thurs.
Instruction begins Jan. 17, Mon.
Spring vacation March 26, Sat.—April 3, Sun.
Instruction ends May 5, Thurs.
Reading day May 6, Fri.
Examinations May 7, Sat.—May 14, Sat.
Commencement May 15, Sun.

Summer Session 1983

Registration June 9, Thurs.—June 10, Fri.
Instruction begins June 13, Mon.
Independence Day (all-campus holiday) July 4, Mon.
Instruction ends Aug. 4, Thurs.
Examinations Aug. 5, Fri.—Aug. 6, Sat.

Fall Semester 1983

Registration Aug. 22, Mon.—Aug. 23, Tues.
Instruction begins Aug. 25, Thurs.
Labor Day (all-campus holiday) Sept. 5, Mon.
Thanksgiving vacation Nov. 24, Thurs.—Nov. 27, Sun.
Instruction ends Dec. 10, Sat.
Reading Day Dec. 12, Mon.
Examinations Dec. 13, Tues.—Dec. 20, Tues.

Spring Semester 1984

| | |
|------------------------------|-------------------------------|
| Registration | Jan. 9, Mon.—Jan. 10, Tues. |
| Instruction begins | Jan. 12, Thurs. |
| Spring vacation | March 10, Sat.—March 18, Sun. |
| Instruction ends | May 2, Wed. |
| Reading Day | May 3, Thurs. |
| Examinations | May 4, Fri.—May 11, Fri. |
| Commencement | May 12, Sat. |

Summer Session 1984

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|---|-----------------------------|
| Registration | June 7, Thurs.—June 8, Fri. |
| Instruction begins | June 11, Mon. |
| Independence Day (all-campus holiday) | July 4, Wed. |
| Instruction ends | Aug. 2, Thurs. |
| Examinations | Aug. 3, Fri.—Aug. 4, Sat. |

The University of Illinois at Urbana-Champaign

Since its founding in 1867, the University of Illinois at Urbana-Champaign has earned a reputation as an institution of international stature.

Known for the high quality of its academic programs and the outstanding facilities and resources available to students and faculty, Illinois ranks among the world's great universities.

Undergraduate education is strongly emphasized and admissions are very competitive; 25 percent of entering freshmen rank in the top 3 percent of their high school class. Some 35,000 students from the United States and 95 foreign countries each year enroll in programs offered by 21 schools and colleges. Yet, 74 percent of all classes have fewer than 30 students.

The University is known primarily for its achievements in research and graduate studies. In 1980-81, the Graduate College attracted more than \$93 million in external research funds.

Scores of faculty members belong to the American Academy of Arts and Sciences, National Academy of Sciences, and National Academy of Engineering. Seven scientists received the National Medal of Science while on the faculty. Professor Emeritus John Bardeen won the Nobel Prize in Physics twice—the only person ever to do so.

Another prime indicator of the campus's excellence is the success of its alumni. Recent surveys show twenty-three chief executives of Fortune 500 companies are alumni of the campus. Seven graduates won Nobel Prizes for the United States, and another sixteen won the Pulitzer Prize.

National surveys consistently rank the University of Illinois at Urbana-Champaign among the top ten institutions in many fields of study. Several colleges and departments rank among the top five.

The University's library has the largest collection of any public university in the nation and ranks third among U.S. academic libraries—only Harvard and Yale are larger.

The campus is a major Midwestern center for the arts. The Krannert Center for the Performing Arts was designed by alumnus Max Abramovitz, the architect of New York City's Lincoln Center for the Performing Arts. The campus's Krannert Art Museum is second only to the Art Institute of Chicago among Illinois public museums in size and

value of collections, size of building, and number of public service programs.

Illinois was the first major university to provide comprehensive access and programs for the physically disabled, setting a standard for accessibility worldwide.

Professional Considerations

Since ancient times, libraries and librarians have had the major responsibility for the acquisition and maintenance of recorded knowledge. However, today's libraries and information centers are more than warehouses: they are concerned with the collection, recording, preservation, organization, retrieval, dissemination, and transfer of knowledge, and the scope of these activities is continually expanding.

Knowledge, especially in the fields of science and technology, is accumulating rapidly. Not only is there a constant increase in the publication of books and other printed matter, but there is an accompanying expansion of all types of audio, visual, and electronic material. In order to keep abreast of this increase in recorded knowledge, today's librarian and information specialist must be familiar with all forms of print, nonprint, and electronic media, and must be able to use computers, communication principles, automation techniques, and information networks. Modern technology is developing sophisticated systems of information storage and retrieval. Experts in systems planning, automation concepts, and computer use are developing new and more efficient methods for providing a variety of services.

The library and information science profession involves commitment to the service of people and to the enrichment of human life. The work performed is interesting and varied. The daily impact of new conditions calls for alertness, adaptability, and the exercise of imagination and ingenuity. For a career in library and information science, the student needs a sound, well-balanced intellectual background. By its nature, the work is far-ranging and encyclopedic in subject coverage, even in highly specialized situations. Backgrounds in history, literature, the social sciences, the natural sciences, and foreign languages are all valuable, and in such subjects as chemistry, physics, communications, mathematics, computer science, engineering, law, and public administration. A graduate degree in a field additional to library and information science may be helpful or even a prerequisite for obtaining and maintaining academic and research library employment. The optimum knowledge of foreign languages varies with the type of work to be performed.

Opportunities

There are several main types of professional work for which library and information science students may prepare. One type of work is public

services, which bring the professional into direct relationship with patrons. Duties include reference work, literature searches, reader guidance and advisory service, and activities associated with the circulation of materials to readers. Another type is technical services. Main duties are selecting and acquiring materials, and organizing, arranging and indexing those materials so that they are easy to find and use. A third type is administration, that is, finances, personnel administration, organization of departments and of the flow of work, public relations, and physical plant. In addition, within this general framework there is a need for professionals with special competencies in various fields, sometimes by type of material (e.g., government publications or films), sometimes by age of patron (e.g., children or young adults), and sometimes by subject matter (e.g., art or medicine). These broad classifications of duties are typically carried on in four main types of institutions:

1. Public Libraries. Generally, public libraries are those which circulate books for home use free of charge to anyone wishing to use the library services. However, they carry on many activities besides the dispensing of books. Public libraries may be organized in a single community, such as a town or city, but frequently they are set up on a larger basis, as is the county or regional library. In some cases the public library may have a traveling branch, bringing its resources to readers in a bookmobile.

2. School Libraries. These are the libraries and media centers connected with elementary and secondary schools. In most states, a school librarian or media specialist is also required to be a certified teacher.

3. Academic and Research Libraries. These include the libraries connected with colleges and universities, containing the study and research materials for the students and faculty of those institutions. They also include such large general research libraries as the New York Public Library and the Library of Congress.

4. Special Libraries and Technical Information Centers. Under this heading are grouped facilities associated with commercial and industrial establishments, hospitals, museums, professional schools, and many governmental agencies. They are usually relatively small in size, are restricted to one or a few subjects, and serve limited groups of patrons.

Professionals in library and information science also work in a wide variety of situations throughout the information industry: publishing, consulting, free lance, etc.

The increased number of accredited library schools and graduating librarians and information scientists, coupled with fiscal stringency at

all levels, have acted to diminish employment prospects. While the situation is not so severe as in some other fields, even those graduates with excellent qualifications should be flexible in first-job expectations and geographical preferences.

The Graduate School of Library and Information Science

In 1893 Katharine L. Sharp founded a department of library science at Armour Institute in Chicago. It was the first library school in the Midwest and the fourth such school in the United States. In 1897, Ms. Sharp accepted an invitation to move her school to Urbana to become part of the University of Illinois, the longest continuous university affiliation of any library school in the United States.

The Graduate School of Library and Information Science is a part of the Graduate College of the University of Illinois at Urbana-Champaign. The library and information science master's degree program is accredited by the American Library Association. As of January 1982, 6,069 degrees in library and information science have been awarded by the University of Illinois.

In keeping with the University's mission of instruction, research, and public service, the goals of the Graduate School of Library and Information Science are (1) to prepare librarians and information scientists for professional work via essential basic studies and specialization through a wide choice of courses and independent studies; (2) to promote and conduct pure and applied research; and (3) to provide public service such as continuing education, publications, and consulting. An undergraduate minor and three graduate-level programs leading to the degrees of Master of Science, Certificate of Advanced Study, and Doctor of Philosophy are offered.

The emphasis, common to all aspects and programs of the Graduate School of Library and Information Science, is the pursuit of excellence through leadership in library and information science education. The Graduate School of Library and Information Science seeks to achieve this by recruiting faculty able to perform at the highest level of quality, by selecting students of high caliber from all sectors of society, and by involving faculty and students in research and public service.

Facilities and Equipment

Library Facilities

The University Library's resources for advanced study and research are outstanding. It is the largest state university library and the largest library west of the District of Columbia. Its present collections now number nearly 6 million volumes, or more than 10,875,000 items. These

include substantial collections of microtexts, pamphlets, maps and aerial photographs, music scores and parts, and serials.

The University Library's increasing emphasis on library instruction and orientation, use of online data bases, and planning for automated circulation, cataloging, and acquisition systems provides up-to-date learning opportunities for students of library and information science.

The Library and Information Science Library consists of an extensive collection of periodicals, serials, and indexes related to all aspects of library and information science, as well as related areas such as history of publishing, printing, and bookbinding. The Library and Information Science Library's basic collection of 14,000 monographs and technical reports is supplemented by over 70,000 volumes of related materials housed in the main stacks.

Special Equipment

The Graduate School of Library and Information Science has an OCLC terminal, a PLATO (computer-assisted instruction) terminal, and thirteen other computer terminals which are used with computers on campus and across the nation for data-base searching, instructional purposes, and administrative support. Two of the thirteen provide publication-quality printing for production of theses and other printed materials. In addition, a sophisticated microcomputer-based system has been ordered for faculty, staff, and student use.

Library Research Center

The Library Research Center was established in the Graduate School of Library and Information Science in 1961 through a grant from the Illinois State Library. The original focus on applied research on public library problems has been broadened to include other types of libraries, as research funds have become available from sources such as the University of Illinois, the U.S. Department of Education, and the Army Corps of Engineers' Construction Engineering Research Laboratory.

Publications Office

The Graduate School of Library and Information Science also operates a Publications Office with a professional editorial staff and microprocessor-based phototypesetting equipment. Regular publications include:

Library Trends. A quarterly journal which summarizes and synthesizes the recent developments and research relating to a given area of library and information science.

Occasional Papers. A series on various subjects of professional interest, appearing five times a year and publishing manuscripts which, because of length, detail or special nature, are unsuited to printing in other journals.

Monographs. A book series containing both contemporary works on librarianship and information science and reprints of library classics.

Allerton Institute Series. The papers presented at the annual institutes on library and information center problems, published in book form.

Data Processing Clinic Proceedings. The papers presented at the annual clinics on applications of data processing, published in book form.

Learning Resources Laboratory

The laboratory serves as a teaching laboratory for audiovisual classes, as an audiovisual equipment loan pool, and as a circulating collection of audiovisual materials. The materials collection includes items used to teach library and information science, and representative samples of materials used by children and young adults.

Placement Service

The Graduate School of Library and Information Science provides a placement service for its students and alumni. Any student or graduate of the school may establish a file of credentials, either confidential or nonconfidential, with the service; a fee of \$1.00 is charged for each set of credentials sent out. The service keeps in touch with libraries and information centers of different types, receives announcements of vacancies from them, and publishes a biweekly listing of vacancies. The service seeks to help both the employer and the graduate in matching persons to positions. The school cannot, however, guarantee positions.

Features and Activities

Colloquia

A number of colloquia are held each semester in which prominent librarians, information scientists, and other leaders with associated interests present talks and discussions on a variety of topics. All students who are enrolled in the Graduate School of Library and Information Science are encouraged to attend.

Continuing Education

The Graduate School of Library and Information Science maintains, in conjunction with the Office for Continuing Education and Public

Service, a continuing program of educational opportunities. These opportunities include institutes, clinics, and workshops. One series of institutes is held each fall at Allerton House, the University's conference center near Monticello, and has covered such topics as collective bargaining in libraries, major classification schemes, and public library services to children. A clinic held each spring at the Illini Union on the Urbana-Champaign campus focuses on case reports of the use of electronic data processing by various libraries and information centers around the country.

The Committee on Institutional Cooperation

As a member of the Committee on Institutional Cooperation (CIC), the University of Illinois shares in a wide range of programs with the other members of the Big Ten and the University of Chicago. Of particular note is the CIC Traveling Scholar Program, which enables doctoral candidates to study for as long as a year at CIC campuses other than those at which they are enrolled. Without red tape, change of registration, or payment of additional tuition, students may take advantage of unique laboratories or library collections or work with faculty with unusual talents. For additional information, contact The Graduate College.

Post-Doctoral Program

The School can accept post-doctoral students who are already funded, e.g., faculty members on sabbatical leave. Persons may express their interest in such a program by writing to the dean.

Professional-In-Residence

An additional opportunity for continuing education offered by the Graduate School of Library and Information Science is the professional-in-residence program. All librarians and information scientists are eligible for this program. The applicant should submit to the dean of the School a proposed topic for study and dates of attendance. If approved, the applicant will be invited to the campus.

The professional-in-residence is provided with limited typing, graduate assistant help, and computer time; study space; and University Library loan and stack privileges. The opportunity will be given to meet and consult with faculty members in the School (or in other departments of the University) who appear to be best able to help with the topic. Relevant ongoing classes may be attended.

There is no tuition or other financial charge for any of these services. The professional-in-residence may be asked to present a talk to

the students and faculty of the School and will prepare a brief written report on the stay.

The American Library Association Student Chapter

The American Library Association (ALA), the oldest and largest library association in the world, is concerned with the promotion and development of libraries and library and information service. ALA has within it eleven divisions and twelve round tables covering nearly every type of library and library service interest. Divisions include the American Association of School Librarians, the Association of College & Research Libraries, the Public Library Association, the Association for Library Service to Children, the Reference and Adult Services Division, the Young Adult Services Division, and the Resources and Technical Services Division. The University of Illinois ALA Student Chapter was founded in 1981. Speakers and programs that reflect the interests of the student members are among the projects undertaken by the chapter each year. Also the Chapter serves as a clearinghouse for information on the national association and coordinates transportation and other arrangements for students who plan to attend ALA conferences.

American Society for Information Science Student Chapter

The American Society for Information Science (ASIS) is a professional association of individuals concerned with information—its generation, collection, organization, interpretation, storage, retrieval, dissemination, transformation, and use, with particular emphasis on the application of modern technologies in these areas. Its members include librarians, publishers, computer specialists, indexers, information entrepreneurs, researchers, and information managers. The University of Illinois ASIS Student Chapter was established in 1977. To supplement the information science courses offered by the Graduate School of Library and Information Science, the ASIS Student Chapter organizes such activities as speakers, tutorials on campus computer facilities, and tours. The Chapter also sponsors projects, such as reporting on the annual Clinic on Library Applications of Data Processing for the *ASIS Bulletin*. Members of the ASIS Student Chapter are automatically members of the ASIS Chicago Chapter, which holds regular meetings in the Chicago area.

Special Libraries Association Student Group

The Special Libraries Association (SLA) is a professional organization of individuals who work in libraries and information centers serving

industry, business, government, research and educational institutions, newspapers, and museums. The University of Illinois SLA Student Group was established in 1971 to provide students in the Graduate School of Library and Information Science with a means of learning more about special libraries and career opportunities in this field. The SLA Student Group regularly sponsors such activities as speakers, tours of local special libraries, and trips to visit special libraries elsewhere in the state. Members of the SLA Student Group are automatically members of the SLA Illinois Chapter, which holds monthly meetings in the Chicago area.

Beta Phi Mu

Alpha chapter of Beta Phi Mu, international honorary fraternity in library science, is located at the University of Illinois at Urbana-Champaign. Students who have maintained a grade-point average of 4.75 are eligible for membership upon completion of the M.S. program.

Alumni Association

The University of Illinois Library School Association was organized in 1898 to advance the interests of the school and to promote communication among its members. Reunions and meetings are held each year at conferences of the American Library Association. The alumni association has endowed the Katharine L. Sharp Fellowship and it has also raised money for other purposes.

Awards

The Graduate School of Library and Information Science honors students and others with a series of awards:

MASTER'S STUDENTS

Anne M. Boyd Award—established by Alpha Chapter of Beta Phi Mu in honor of former faculty member Anne M. Boyd and given to the student who, in the judgment of the faculty, is the outstanding graduate of the year.

S.R. Shapiro Award—given annually by New York book dealer S.R. Shapiro and Mrs. Shapiro in honor of Dean Emeritus Robert B. Downs, to the M.S. student who, in the opinion of the faculty, exhibits the greatest professional promise.

Frances B. Jenkins Award—given by vote of the faculty to the outstanding student in science librarianship, in honor of former faculty member Frances B. Jenkins.

Donald G. Wing Award—presented by Mr. and Mrs. S.R. Shapiro in honor of the famous American bibliographer to the M.S. student whose paper is judged by a faculty committee to be the best of the year on a bibliographic subject.

DOCTORAL STUDENTS

Berner-Nash Award—established in memory of William Berner and William Nash, both recipients of the Ph.D. in library science from the University of Illinois, and given to that doctoral graduate each year whose dissertation is judged by the Doctoral Committee to be the most outstanding.

OTHER

Robert B. Downs Award—given by vote of the faculty for outstanding contribution to the cause of intellectual freedom in libraries, in honor of Dean Emeritus Robert B. Downs.

Financial Information

Fees and Expenses

Since tuition and fees are subject to change, usually rising, it is difficult to provide exact, current figures. The most recent detailed information concerning tuition charges, regular and special fees, exemptions, and refunds may be found in a leaflet available from the Office of Admissions and Records, 177 Administration Building, 506 S. Wright, Urbana, Illinois 61801.

At this writing, the amounts assessed a resident of Illinois, including tuition, the service fee, and the hospital-medical-surgical fee (now \$71), are \$587 for a full program during each regular semester and \$329 for the eight-week summer session. A non-resident student pays \$1,435 and \$753 for the same programs. An increase of approximately 23% is planned for 1982/83.

The residence classification of an applicant is determined from information contained in the application for admission and other credentials provided by the applicant. A brochure, *Regulations Governing the Determination of Residency Status for Admission and Assessment of Student Tuition*, is available from the Office of Admissions and Records, 177 Administration Building, 506 S. Wright, Urbana, IL 61801.

At this writing, a single room in a University graduate dormitory now costs \$1,300 per academic year (two semesters). Board contracts are available in nearby undergraduate dormitory complexes for \$1,320 for the same period. University apartments for married students and private housing are also available. More information about housing availability and cost may be obtained from the Housing Information Office, 110 Student Services Building, 610 E. John, Champaign, IL 61820.

Fellowships, Assistantships, and Other Financial Aid

Financial aid at the graduate level is awarded on the basis of academic excellence and scholarly potential. The well-qualified student in library and information science is eligible for a variety of fellowships, assistantships, and other aid, and is encouraged to investigate the broad aid program of the school. Half the students in recent years have received some form of aid from the University. This does not include assistance and employment received by several students from other sources.

Fellowships and Tuition Waivers

Departmental Fellowships. The fellowships listed below provide variable-sized stipends plus exemption from tuition and service fee. While all full-time degree students in library and information science are eligible, post-master's students, particularly doctoral students, are often given preference.

1. The Katharine L. Sharp fellowship fund was endowed in 1933 by the Library School Association as a memorial to the founder of the Graduate School of Library and Information Science.
2. The Lois Wells Irwin fellowship fund was endowed in 1955 as a memorial to the woman who for thirty-two years was an active member of the Quincy (Illinois) Public Library Board of Directors.
3. The Eliza Luehm Latzer fellowship fund was endowed in 1965 by Ms. Latzer's daughter, Mrs. Albert F. Kaeser.
4. The Josie B. Houchens fellowship fund was endowed in 1975 under provision of the will of Ms. Houchens, a long-term member of the University of Illinois Library faculty.
5. The Helen T. and Mildred Stewart fellowship fund was established in 1977 under provision of the will of Ms. Helen T. Stewart, a long-term member of the University of Illinois Library faculty.

The University Fellowship is funded through the Graduate College and carries a variable stipend and exemption from tuition and service fee.

Tuition and Fee Waivers. The Graduate School of Library and Information Science nominates a number of students for tuition and fee waivers annually. These waivers exempt the recipients from tuition and the service fee. Students who hold fellowships or grants from non-University sources are in certain cases eligible to apply for tuition and fee waivers.

Academic Appointments

Graduate Assistantships. The Graduate School of Library and Information Science has several half-time and quarter-time graduate assistantships which are open to any graduate student, although doctoral students are given preference. The half-time assistantship pays \$4,630 for nine months and \$1,029 for the summer session; the quarter-time assistantship pays \$2,315 for nine months and \$515 for the summer session. In addition, both include exemption from tuition and, usually, service fee.

Library Assistantships. The University Library also offers a number of quarter- and half-time work assistantships to students in the Graduate School of Library and Information Science. (Apply to: Personnel

Office, 127 Library, University of Illinois at Urbana-Champaign, 1408 W. Gregory, Urbana, IL 61801.) Again, exemption from tuition and, usually, service fee is included.

Other Financial Aid

Loan Funds. Veterans' benefits and various student loan funds are administered by the University for students who need financial aid. For information and an application blank, write to Student Financial Aids, 420 Student Services Building, 610 East John, Champaign, IL 61820.

Application for Financial Aid

Item 17 of the Combined Application for Admission or Readmission to the Graduate College and Application for Graduate Appointment should be completed by applicants wishing to receive financial aid. Application for most assistantships, fellowships, and tuition and fee waivers should be made early, preferably in January or February, for the following summer or fall semester. An applicant must be cleared for admission to the graduate program as a degree student before being considered for financial aid. Consequently, the new student intending to request financial aid should have all the documents supporting the application for admission—letters of reference, transcripts, etc.—on file as early as possible.

Representatives of the Library regularly serve as ex officio members of the Admissions Committee for the Master's program and help in the determination of financial aid.

Academic Programs

Graduate students should consult *A Handbook for Graduate Studies*, copies of which are distributed to new students. Copies are also available in departmental offices and at 330 Administration Building. The *Handbook* is a compilation of Graduate College rules, regulations, and policies. As such, it customarily takes precedence over other published statements.

Master of Science

Goals and Objectives

The goal of the Master of Science degree program is to graduate beginning librarians and information scientists qualified to pursue successful careers in all types of professional work in all types of libraries, information centers, and related settings.

The objectives of the master's program are: (1) to equip students with theories and practices of library and information science through the study of social and historical foundations, the substantive knowledge (body of principles, information, and ideas) of the discipline, and the status and expectations of the profession; (2) to encourage the commitment to high standards of practice, conduct, responsibility, and service; (3) to enable graduates to anticipate rapid social and technological changes as they affect the profession and to help bring about and promote changes that advance the profession; and (4) to prepare and encourage graduates to evaluate continuously the effectiveness of services, to raise the levels of performance of these services, to develop new services, and always to relate services to identified needs.

Application and Admission

An applicant wishing to be considered for admission to the program leading to the Master of Science degree must have graduated with a minimum grade-point average of 4.0 (on a 5.0 scale) for the last 60 semester hours from an accredited institution whose requirements for the bachelor's degree are substantially equivalent to those of the University of Illinois.

Applicants to the master's degree program are required to submit scores for the Graduate Record Examination (GRE) Aptitude Test, taken within the last five years. Applicants holding an earned doctorate are excused from this requirement; the requirement also may be waived for other applicants who can demonstrate suitable cause. *Persons who*

believe they have a legitimate reason for not submitting GRE scores should present their request in writing.

International Applicants

In addition to the above requirements, international applicants whose native language is not English must pass the Test of English as a Foreign Language (TOEFL) with a score of 600 or above. The test can be administered in the student's home country, but should be arranged at least a year before the applicant expects to begin the program.

Residence, Load, and Time Limit

For a master's degree, a student must complete ten units of graduate work. Two of these units will be LIS 300—Foundations of Library and Information Science (1 unit), LIS 307—Introduction to Services Relating to Organization of Library Materials ($\frac{1}{2}$ unit), and LIS 320—Introduction to Information Sources and Services ($\frac{1}{2}$ unit). LIS 300 is prerequisite to most other courses and is offered only in the Summer and Fall terms. At least eight of the ten units must be taken in library and information science at the University of Illinois. (Note: This may include a maximum of five units of University of Illinois graduate-level extension courses in library and information science.)

The remaining two units may be earned in a variety of ways:

1. Additional University of Illinois graduate-level courses in library and information science taken in residence.
2. By transferring graduate-level coursework in library and information science from a library school with an ALA-accredited master's program (maximum: 1 unit).
3. By taking graduate-level coursework in a field other than library and information science (a) at any campus of the University of Illinois, (b) as a University of Illinois extension course, or (c) from any accredited institution (maximum: 1 unit).

A unit is the equivalent of four semester hours, and the normal full-time load is four units during the regular semester or two units during the eight-week summer session. Therefore, a student with a normal full-time load can complete ten graduate units in two semesters and a summer. A master's degree candidate must complete all requirements for the degree within five years after first registering for graduate work.

Curriculum

Each program of study is planned by the student, in consultation with a faculty adviser, to suit the needs and purposes of the individual. Only LIS 300, 307, and 320 are required of all students.

Students have the opportunity to design a course of study to fulfill individual interests and career goals. Examples of areas of specialization are information science, automation, biomedical and music librarianship, and services to children and young adults.

Grades

Graduate students are required to maintain a minimum grade-point average of 3.75 (on a 5.0 scale) to be certified by the Graduate College as eligible to receive an advanced degree. The pass-fail option applies only to courses taken outside the library and information science curriculum and to courses taken as non-degree. Units taken under the pass-fail option are not computed in the grade-point average and may not be applied to a subsequent degree.

All students must earn a grade of S (satisfactory) in LIS 300; a grade of U (unsatisfactory) means the student cannot continue in the program.

Undergraduate Minor in Library and Information Science

Although the Graduate School of Library and Information Science awards no undergraduate degrees, it does offer a series of courses at the undergraduate level. Some colleges and departments allow a full minor or a split minor in library and information science. Others suggest or allow library and information science courses as electives. The library and information science minor should be discussed with the Graduate School of Library and Information Science and the student's undergraduate major advisor during the second semester of the sophomore year. With this help, a course of study can be worked out that is most suitable to a student's interests.

A student interested in taking a minor in library and information science must register with the Graduate School of Library and Information Science and be assigned an adviser before registering in the program. All library and information science minors must have at least junior standing at the time they enroll in their first library and information science course. The undergraduate minor consists of LIS 300 (four semester hours) and up to seven other 300-level library and information science courses for a total of twenty-one semester hours of credit. Usually an undergraduate will take LIS 300 in the fall semester of the junior

year and will have three semesters in which to complete the other courses; however, certain courses may be taken concurrently with LIS 300.

An undergraduate with a minor in library and information science from this school who chooses to go on for a master's degree in library and information science here must complete ten graduate units of coursework, three of which may be taken in areas other than library and information science.

Certificate of Advanced Study (CAS)

Goals and Objectives

The goal of the Certificate of Advanced Study program is to offer professional instruction and independent study in the field of library and information science by (1) introducing new fields of library and information science, and/or (2) providing advanced study in a field of specialization.

The Certificate of Advanced Study (or sixth-year certificate program) is a professional degree. Although midway between the master of science and Ph.D. degrees in level of attainment, it is intended to be self-contained and terminal. It requires (1) that the student have already earned a master's degree in library and information science, plus (2) ten units (the equivalent of 40 semester hours) of course work beyond the master's.

Employers wishing to place the sixth-year certificate program in the context of their salary schedules and promotion and tenure guidelines may appropriately regard the Certificate of Advanced Study as if it were a second master's degree.

Application and Admission

The following minimum requirements must be met by all applicants to the CAS program:

1. A master's degree from a school having an ALA-accredited program.
2. At least two years of acceptable full-time professional work experience since receipt of the master's degree.
3. A grade-point average of at least 4.0 (on a 5.0 scale) in the fifth-year library and information science courses and a grade-point average of at least 4.0 in the last sixty hours of academic work other than in library school.
4. Satisfactory letters of reference from three people, including a work supervisor, attesting to the applicant's character, ability, and capacity for advanced study.

In addition to the above requirements, international applicants whose native language is not English must pass the Test of English as a Foreign Language (TOEFL) with a score of 600 or above.

It is recommended that applicants have all papers supporting their application on file several months before the intended date of registration. In admitting students to the program, every effort is made to assess the individual and his or her probable degree of success in the program, rather than relying on how well the applicant meets the formal requirements. The Doctoral Committee of the faculty, which administers the CAS program, has the authority to make exceptions to the stated requirements whenever admission seems justified.

Curriculum and Other Requirements

The program consists of two sections which may be taken sequentially or simultaneously. Section 1, *Coursework*, 8 units: The student must complete eight or more units of coursework with a 4.25 (on a scale of 5.0) grade-point average. A minimum of four of these units must be in library and information science. A maximum of three units may be transferred, subject to review of the Doctoral Committee; the transferred units may be in library and information science earned at a school with an ALA-accredited master's degree program, or from outside of library and information science earned at an accredited institution. Section 2, *Project*, 2 units: The student will, with the aid of his or her adviser, identify a problem in library and information science suitable for the project. The project may take a number of forms, such as a paper, a computer program, an audiovisual program, or the like. Other regulations governing residence, load, and time limit are the same as those in the master's degree program.

Doctor of Philosophy

Goals and Objectives

The Ph.D. program is research oriented and is designed to prepare outstanding scholars in library and information science. This preparation is achieved by (1) advanced instruction beyond the M.S. degree to provide a general understanding of the whole field of librarianship and information science, (2) the acquisition of competence in one of the specialized aspects of the field, (3) instruction and practice in research methodologies, and (4) directed dissertation research, producing a significant contribution to knowledge.

Application and Admission

A student wishing to be considered for admission to the program leading to the Doctor of Philosophy degree must fulfill the following requirements:

1. A master's degree from a school with an ALA-accredited master's degree program.
2. At least two years of acceptable full-time work experience since receipt of the master's degree.
3. A grade-point average of at least 4.0 (on a 5.0 scale) in the fifth-year library and information science coursework, plus a grade-point average of at least 4.0 in the last sixty hours of non-library and information science coursework.
4. Satisfactory letters of reference from three people, including a work supervisor, attesting to the applicant's character, education, and potential for research and productive scholarship. References should be from people who have an intimate knowledge of the applicant's professional capabilities.
5. An interview with at least two members of the Doctoral Committee of the faculty, preferably at Urbana.

It is recommended that applicants have all papers supporting their application on file six months before the intended date of registration. In admitting students to the program, every effort is made to assess the individual and his or her probable degree of success in the program, rather than relying on how well the applicant meets the formal requirements.

In reviewing the applicants, the Doctoral Committee attempts to select those who seem eminently suited for the doctoral program in terms of education, professional accomplishment, and scholarly potential. Other things being equal, preference is given to those applicants who show evidence of being able to complete the doctoral program with the greatest efficiency. The Committee has the authority to make exceptions to the stated requirements whenever admission seems justified.

In addition to the above requirements, international applicants whose native language is not English must pass the Test of English as a Foreign Language (TOEFL) with a score of 600 or above.

Curriculum

The doctoral program consists of three stages: generalization (nine units), specialization (three or more units plus research tool competency), and dissertation (eight or more units), for a total of twenty or more units.

Generalization. The generalization stage is made up of a course in research methods (LIS 469), and four seminars (LIS 471, 472, 473, and 474), which focus on communications, bibliographic activities, social activities, and functional activities of libraries. In addition, a research paper of publishable quality is prepared in conjunction with each of the four seminars (LIS 475). Each seminar concludes with a comprehensive examination over the content of that seminar. (The four examinations are in lieu of written preliminary examinations for doctoral students.) Students should complete the four seminars within twenty-four months.

Specialization. The specialization stage enables the student to explore an area of specialization and to develop a dissertation proposal. At least three units must be taken in the area of the student's specialization. The units may be in regularly scheduled courses offered by the Graduate School of Library and Information Science, in independent study with one or more faculty members, and/or in courses taken outside the school.

Oral Preliminary Examination. The Oral Preliminary Examination will be given by a faculty committee appointed by the Graduate College. The examination is usually taken in the semester following completion of coursework, but it may be taken in an earlier or later semester. It will include (a) an examination of the dissertation proposal to determine the suitability of the topic, and (b) an evaluation of the student's competency in the appropriate research tool(s). A grade of S (Satisfactory) or U (Unsatisfactory) will be determined by a unanimous decision of the examining committee. The student must have a 4.5 overall grade-point average in the doctoral seminars (8 units) and a 4.0 grade-point average in all other doctoral coursework to be admitted to the oral preliminary examination.

Dissertation Research. The research will be conducted under the direction of a dissertation adviser, with assistance and consultation from other members of the dissertation committee, as needed. The dissertation committee is selected by the student and his/her adviser, approved by the dean of the school, but appointed by the Graduate College. The committee will examine the student's dissertation research and report under the terms of the Graduate College guidelines. If the committee approves of the research and the report, the dissertation will be signed by the dean of the school and forwarded to the Graduate College.

Dual Degrees

Occasionally, a student wishes to study for two degrees concurrently. While the School has no formal arrangements for concurrent programs, the serious student can work toward completion of more than one degree at a time. Applicants considering dual degrees should seek advice and counsel from appropriate persons in both programs. Generally, the Graduate College will grant no more than two advanced degrees to one individual. All requirements for each degree must be completed independently of other degrees. The length of time and the number of units required to earn each degree are not reduced. For example, a pair of one-year master's programs will require two years for completion by a full-time student; similarly, an eight-unit program and a ten-unit program will require completion of a total of eighteen units.

The procedure, in broad outline, is as follows:

1. Gain admission to and begin studies in the first degree program.
2. Consult with appropriate persons in the second degree program and present credentials, references, and any other materials required.
3. After one or more terms of study in the first program, file a petition to the Graduate College requesting transfer to the second program.
4. Continue studies in both programs. By mutual agreement, studies may have begun informally in the second degree program before presenting the petition to the Graduate College.
5. As the needed units of credit for completion of each degree are earned, the degree can be awarded.

Successful pursuit of dual degrees in all cases requires continuing communication among the parties involved. The School is happy to work with students interested in pursuing dual degrees.



Courses

The various courses and other instructional activities conducted by the Graduate School of Library and Information Science are described below. Credit for graduate study is measured in units (one unit is the equivalent of four semester hours) and for undergraduate study in semester hours.

For Advanced Undergraduates and Graduates

300. Foundations of Library and Information Science. Examines the development of the library and information centers in relation to the society they serve, the library and information science profession, the operation and organization of libraries and information centers, building collections, and the administration of libraries and information centers; serves as an orientation to library and information science. S-U grade only. Prerequisite: Consent of the School. 4 hours, or 1 unit.

301. Bibliography. Covers enumerative bibliography, the practices of compiling lists; analytical bibliography, the design, production, and handling of books as physical objects; and historical bibliography, the history of books and other library materials, from the invention of printing to the present. 3 hours, or ½ or 1 unit. Prerequisite: LIS 300 or consent of instructor. Krummel.

303. Library Materials for Children. Selection and use of library materials for children in public libraries and elementary school media centers, according to their needs in their physical, mental, social, and emotional development; deals with the standard selection aids for all types of print and nonprint materials and develops the ability to select and describe children's materials according to their developmental uses. 3 hours, or ½ or 1 unit. Prerequisite: LIS 300, or consent of instructor. Students may not receive credit for both LIS 303 and Elementary Education 304. Richardson.

304. Library Materials for Young Adults. Evaluation, selection, and use of library materials for young adults in school and public libraries and community organizations, according to personal and curricular needs; studies selection sources for all formats of materials and explores techniques for utilization of materials. 3 hours, or ½ or 1 unit. Prerequisite: LIS 300, or consent of the instructor. Thomassen.

307. Introduction to Services Relating to Organization of Library Materials. Emphasizes the role of library catalogs in bibliographic control; introduces the functions, forms, and arrangements of library catalogs in all types of libraries; identifies bibliographic data elements in manual and machine readable catalog records; and emphasizes the basic principles, concepts, practices, and tools of descriptive and subject cataloging and file structures. Prerequisite: Consent of the School. 2 hours, or ½ unit.

308. Audiovisual Services in Libraries. Designed to acquaint students with the nonprint media responsibilities of libraries; includes the evaluation, selection, and acquisition of software and hardware, the utilization of media in various types of libraries (by individuals and groups, in formal and informal programs), and the administration of integrated media collections (films, recorded sound,

video, and exhibits). 3 hours, or 1 unit. Prerequisite: LIS 300, or consent of instructor. Miller.

309. Storytelling. Fundamental principles of the art of storytelling including techniques of adaptation and presentation; content and sources of material; story cycles; methods of learning; practice in storytelling; planning the story hour for the school and public libraries, for recreational centers, for the radio, and for television. 3 hours, or ½ or 1 unit. Prerequisite: Consent of instructor.

310. Typographic Disciplines of the Book. Same as Journalism 310. The study of the book as a manufactured object, with emphasis upon practices and methods in continuous use from the Renaissance to the present, including typefaces, paper, binding, and illustration. Extensive practicum in the typographical laboratory. 3 hours, or ½ unit. Prerequisite: Consent of instructor. Krummel.

320. Introduction to Information Sources and Services. Introduces information referral techniques and readers' advisory and online information services; examines representative printed and online sources, and develops question negotiation skills and search strategies. Prerequisite: Consent of the School. 2 hours, or ½ unit.

350. The Theory, Design, and Production of Audiovisual Materials. Introduces students to the theory and research related to the design and production of audiovisual materials and their application to the design of graphic materials, motion picture films, sound-slide programs, and television programs. The management of production services in libraries is also treated. 3 hours, or 1 unit. Miller.

360. Practicum. Supervised field experience of professional-level duties in an approved library. Open only to M.S. candidates without work experience in libraries. S-U grade only. Prerequisite: LIS 300 and completion of 5 units of library and information science courses. 2 hours, or ½ unit.

For Graduates

405. Library Administration. Designed to supply knowledge of the internal organization of libraries and of the principles of library administration; emphasis on comparison of the conditions found in the several kinds of libraries and on applications of the general theory of administration. 1 unit. Prerequisite: LIS 300, or consent of instructor. Heim, Weech.

406. Media Programs and Service for Children and Young Adults. The role, problems, and needs of children's and young adults' library services in the school and public library. 1 unit. Prerequisite: LIS 300, or consent of instructor. Thomassen.

407. Cataloging and Classification, I. Theory and application of basic principles and concepts of descriptive and subject cataloging; emphasis on interpreting catalog entries and making a catalog responsive to the needs of users; provides beginning-level experience with choice of entries, construction of headings, description of monographs (and, to a lesser extent, of serial publications and nonprint media), filing codes, Dewey and Library of Congress classification systems, and Library of Congress subject headings. 1 unit. Prerequisite: LIS 300. Henderson.

408. Cataloging and Classification, II. More complex problems in making and evaluating the changing, modern library catalog; practical and administrative problems in cataloging serial publications, analytics, ephemeral materials, and microforms; deals with various nonprint media, rare books and manuscripts, foreign-language materials, and materials in special subject areas. 1 unit. Prerequisite: LIS 407. Henderson.

409. Communication Roles and Responsibilities of Libraries. Mass media of communication are considered in terms of their relations with modern library services. Media organization, content, and research are reviewed; problems of intellectual freedom are considered as an aspect of communications behavior; and the potential role of electronic devices in library activities now and for the future is discussed. ½ or 1 unit. Miller.

410. Adult Public Services. The literature, history, and problems of providing library service to the general adult user; investigation of user characteristics and needs, and the effectiveness of various types of adult services. 1 unit. Prerequisite: LIS 300, or consent of instructor. Allen, Heim.

411. Reference Service in the Humanities and Social Sciences. Detailed consideration of the bibliographical and reference materials in various subject fields; training and practice in their use for solving questions arising in reference service. 1 unit. Prerequisite: LIS 320, or consent of instructor. Allen, Weech, Miller.

412. Scientific and Technical Literature and Reference Work. Aims (a) to acquaint students with typical library materials in science and technology, and (b) to develop proficiency in their selection, evaluation, and use for reference work. Prerequisite: LIS 320, or consent of instructor. 1 unit. Smith.

415. Library Automation. Introduction to various types of equipment for handling information and providing services in libraries; study of applications to library operations; and introduction to systems planning, to automation concepts, and to computer use. 1 unit. Prerequisite: LIS 300, or consent of instructor. Divilbiss.

416. Advanced Library Automation. The development of computer programs for library processes such as circulation, acquisitions, cataloging, and document retrieval. Includes seminar presentations based on individual research in automation topics. ½ or 1 unit. Prerequisite: LIS 415, or consent of instructor. Divilbiss, Smith, Davis.

424. Government Publications. Aims to acquaint students with government publications, their variety, interest, value, acquisition, and bibliographic control, and to develop proficiency in their reference and research use; considers publications of all types and all governments (local, national, international) with special emphasis on U.S., state, and federal governments and on the United Nations and its related specialized agencies. 1 unit. Prerequisite: LIS 411 or 412 or consent of instructor. Heim, Weech.

427. Resources of American Research Libraries. Acquaints students with the distribution and extent of American library resources for advanced study and research; spatial and financial aspects of library resources; methods of surveying library facilities; growth and use of union catalogs and bibliographical centers; interinstitutional agreements for specialization of collections and other forms of library cooperation; and the use of the research collection by the scientist and scholar. ½ or 1 unit. Prerequisite: LIS 300, or consent of instructor. Krummel.

- 428. Library Buildings.** A study of the library's physical plant in the light of changing concepts and patterns of library service. Present-day library buildings, both new and remodeled, are analyzed and compared with each other as well as with buildings of the past. The interrelationship of staff, collections, users, and physical plant is examined in detail. Class discussion is supplemented by visits to new libraries and conferences with their staffs. A two-day field trip is required; see Timetable for estimated cost. $\frac{1}{2}$ or 1 unit. Prerequisite: LIS 405, or consent of instructor. Allen.
- 429. Information Storage and Retrieval.** Types of systems for storage and retrieval of documents and references; history of retrieval systems, their characteristics, evaluation, and factors affecting their performance, with special reference to modern computer-based systems; procedures in the dissemination of scientific and other information, major information centers, and services in the U.S. 1 unit. Prerequisite: LIS 300, or consent of instructor. Lancaster.
- 430. Advanced Reference.** Designed to enable the student to utilize the varied resources of a large research library. Deals with the method of analyzing and solving bibliographic problems such as arise in scholarly libraries and in connection with research projects. $\frac{1}{2}$ or 1 unit. Prerequisite: LIS 411 or 412, and consent of instructor. Allen.
- 431. Online Information Systems.** Explores the state-of-the-art in online information systems, with particular emphasis on their use as part of reference service in libraries; acquaints students with the characteristics of both bibliographic and nonbibliographic data bases; and trains students in the use of at least one currently available online retrieval system. Prerequisite: LIS 429. $\frac{1}{2}$ unit. Smith.
- 432. History of Libraries.** Same as Communications 432. The origins, development, and evolution of libraries and related institutions, from antiquity to the twentieth century, as a reflection of literacy, recognition of archival responsibility, humanistic achievement, scientific information needs, and service to society. $\frac{1}{2}$ or 1 unit. Prerequisite: LIS 300 or consent of instructor. Krummel.
- 433. Advanced Subject Bibliography.** A study of the literature, information sources, and reference aids in various specialized fields of knowledge, identified as different sections of this course, and from the point of view of their use by librarians. No student may take more than two different sections for credit toward a degree. Section D: Education and Psychology; G: Law; I: Music; K: Slavic; L: Economics; M: Africana. $\frac{1}{2}$ unit. Prerequisite: Consent of instructor.
- 434. Library Systems.** Considers the development of library systems, with special reference to public libraries, as a norm for the development of library services. Library standards, the growth and development of county and regional libraries, the role of the state library and of federal legislation are among the topics treated in detail. 1 unit. Prerequisite: LIS 405, or consent of instructor. Weech.
- 435. Library Service to Specialist Users.** In-depth study of goals and objectives, policy, and services of research-oriented libraries; characteristics and information needs of specialist users of these libraries; and effective library services that satisfy specialist user needs. Study based on actual library operations, according to subject interest of student. 1 unit. Prerequisite: LIS 411 or 412.

438. Administration and Use of Archival Materials. Administration of archives and historical manuscripts, with emphasis on the processing and research use of archival materials. 1 unit. Prerequisite: Consent of instructor. Brichford.

439. Medical Literature and Reference Work. Consideration of representative reference and bibliographical aids in medical sciences; problems provide experience with typical medical reference sources. 1 unit. Prerequisite: Consent of instructor.

440. Advanced Bibliography. Discusses the major reference bibliographies, including general works, subject lists in various fields, regional historical and current national bibliographies, and published library catalogs; surveys the nature of bibliographical access to the output of the world's press, descriptive bibliography, and rare-book librarianship. ½ or 1 unit. Prerequisite: LIS 301, or consent of instructor. Krummel.

441. History of Children's Literature. Interpretation of children's literature from the earliest times including the impact of changing social and cultural patterns on books for children; attention given to the early printers and publishers of children's books and to magazines for children. 1 unit. Richardson.

442. Seminar in Library Materials for Children and Young Adults. Advanced study of criteria for the evaluation of books and other media, including an individual project on a given theme or subject, involving extensive and critical reading, viewing, and listening. 1 unit. Prerequisite: LIS 303 or 304, or consent of instructor. Richardson.

443. Contemporary Book Publishing. Survey of twentieth-century book publishing, placing it in an economic, social, and literary context; emphasis on economic structure, the relationship of author and publisher, promotion, distribution, and the influence of the industry on librarianship. ½ or 1 unit. Prerequisite: LIS 300, or consent of instructor. Allen.

444. Measurement and Evaluation of Library Services. Methods and criteria for evaluating various facets of library service, including the collection, the catalog, document delivery capabilities, reference service, technical processes, and information retrieval operations; deals with cost-effectiveness considerations. 1 unit. Prerequisite: LIS 300, or consent of instructor. Lancaster.

445. Vocabulary Control of Information Retrieval. The construction, characteristics, and application of controlled vocabularies for use in information retrieval systems. Covers a full range of vocabulary control possibilities from highly structured thesauri and classification schemes to natural-language (free text) searching. Special emphasis is placed upon the thesaurus and vocabulary control in computer-based systems. 1 unit. Prerequisite: LIS 429. Lancaster.

450. Advanced Studies in Librarianship. Directed and supervised investigation of selected problems in library resources, reference service, research libraries, reading, public libraries, or school libraries. ¼ unit to 2 units. A wide variety of newly developed and special courses are offered as sections of LIS 450 as shown below. Prerequisite: Fifth-year degree in library and information science, or consent of the dean.

Y—Systems Analysis. Decision tools for librarians and information scientists. 1 unit. Divilbiss.

- CC—Telecommunications. 1 unit. Divilbiss.
 DD—Research Methods. For master's students. 1 unit.
 EE—Legal Bibliography. 1 unit.
 GG—Public Relations. ½ unit. Thomassen.
 HH—Collection Development: Special Needs, Special Users. ¼ unit. Thomassen.
 II—The Electronic Age and Its Implications for Libraries. 1 unit. Lancaster.
 JJ—Information Management. 1 unit.
 KK—Adult Popular Literature. ½ or 1 unit.
 LL—Seminar in Mass Communications. ½ or 1 unit.
 MM—Seminar in Technical Services. 1 unit. Henderson.
 NN—Seminar in the Administration of Large Academic Libraries. 1 unit.
 PP—Seminar in Government Publications. ½ or 1 unit. Heim, Weech.
 QQ—Bibliometrics. ½ or 1 unit. Lancaster.
 RR—Seminar in History of Children's Literature. 1 unit. Richardson.
 SS—Seminar in Library Buildings. 1 unit. Allen.
 TT—Evaluation of Nonprint Materials. 1 unit. Thomassen.
 UU—Map and Geography Literature and Reference Work. 1 unit.
 VV—Seminar in Fantasy Literature. ½ or 1 unit. Richardson.

451. Independent Study. Permits the intermediate or advanced student opportunity to undertake the study of a topic not otherwise offered in the curriculum or to pursue a topic beyond or in greater depth than is possible within the context of a regular course. Prerequisite: Consent of the dean. ½ to 1 unit. May be repeated by M.S. students to a maximum of 1 unit; CAS students, 2 units; or Ph.D. students, 4 units.

459. CAS Project. Individual study of a problem in library or information science; forms the culmination of the CAS program. S-U grade only. Prerequisite: Admission to CAS program in library and information science. 0 to 2 units. May be taken for additional units, but only two will apply to the Certificate of Advanced Study.

460. Special Topics in Librarianship. An advanced seminar on topics of individual choice; presentation and criticism of written research reports based on individual study on an advanced level; and sections or practicum in research methods offered in the following areas: (a) historical I; (b) survey; (c) observation; (d) experimental; and (e) historical II. Students may enroll in a maximum of two sections, concurrently or consecutively. Open to doctoral students only. Prerequisite: LIS 469 or consent of instructor. ½ to 2 units.

469. Principles of Research Methods. The study of the design of research using historical, descriptive, and experimental methodologies; emphasizes applications in the library and information science fields. For doctoral students only. 1 unit. Prerequisite: A course in the principles of statistics, a library and information science course in quantitative methods (e.g., measurement and evaluation of library services, systems analysis, or research methods), and consent of instructor. Smith, Davis, Auld.

471. The History of Communications Media and Libraries. Seminar in the different means of transmitting content through time and space; including the history and comparison of libraries, books, and other communications media. Open to doctoral students only. 1 unit. Krummel.

- 472. The Bibliographic Organization of Information and Library Materials.** Seminar in the relationship between knowledge and its bibliographic control; including the structure of knowledge and classification, the descriptive and subject aspects of bibliography and indexing, and information theory. Open to doctoral students only. 1 unit. Henderson.
- 473. The Social Basis of Library and Information Science.** Seminar in the interrelationships between librarians and information scientists and their communities of users; including modern institutions of librarianship and information service, the education of librarians and information scientists, and the sociology of libraries and information centers. Open to doctoral students only. 1 unit. Auld.
- 474. The Management of Libraries and Information.** Seminar in the organizations and structures which facilitate both the achievement of library and information center goals and the flow of information, including management and decision making tools. Open to doctoral students only. 1 unit. Krummel, Auld.
- 475. Seminar in Library and Information Science.** Preparation, presentation, and criticism of a scholarly paper of moderate length and publishable quality based on individual study. 1 unit. Required: to be repeated for a total of four units. Prerequisite: LIS 471, 472, 473, or 474; open to doctoral students only. Weech, Auld, Krummel.
- 499. Thesis Research.** Individual study and research. M.S. candidates, 0 to 2 units; Doctoral candidates, 0 to 4 units. Staff.

Faculty

CHARLES H. DAVIS, Professor of Library and Information Science and Dean of the Graduate School of Library and Information Science



B.S., A.M., Ph.D., Indiana University.

Mr. Davis has been German Government Fellow, University of Munich, 1960-61; Assistant Editor, *Chemical Abstracts*, 1962-65; Chemical Information Specialist with Indiana University's Aerospace Research Applications Center, 1965-66; Director of Systems, ERIC Clearinghouse on Reading, 1967-69; Assistant Professor, Drexel University, 1969-71; Associate Professor, University of Michigan, 1971-76; Dean and Professor, Faculty of Library Science, University of Alberta, 1976-79; and Dean and Professor, Graduate School of Library and Information Science, University of Illinois, 1979- .

His fields of interest include information retrieval, library automation, and chemical documentation. He has authored *Guide to Information Science* (Greenwood Press, 1979), with James E. Rush; *Illustrative Computer Programming for Libraries*, 2d ed. (Greenwood Press, 1981) with Gerald W. Lundeen; and *Information Retrieval and Documentation in Chemistry* (Greenwood Press, 1974), with James E. Rush; and over twenty-eight journal articles as well as numerous book reviews.

LAWRENCE W.S. AULD, Assistant Professor of Library and Information Science and Assistant Dean of the Graduate School of Library and Information Science



B.A., University of Northern Iowa; M.S., Columbia University School of Library Service; Ph.D., University of Illinois.

Mr. Auld's positions have included Cataloger, University of Texas, 1958-61; Director of Centralized Processing, Hawaii State Library, 1962-65; Assistant University Librarian for Technical Services, 1965-67, and Assistant University Librarian for Systems and Research, 1967-68, Oakland University; Associate Professor, Assistant University Librarian, and Head of Technical Services, Oregon State University, 1968-73; Assistant to the Director, 1976-78, Acting Assistant Director, 1978-79, and Assistant Dean, 1979- , Graduate School of Library and Information Science, University of Illinois.

His fields of special interest include visual media, technical services, and education for librarianship and information service.

HERBERT GOLDHOR, Professor of Library and Information Science, and Director of the Library Research Center



A.B., Dana College (now part of Newark College of Rutgers University); B.S., Columbia University School of Library Service; Ph.D., University of Chicago.

Mr. Goldhor has been Chief Librarian, Public Library of Evansville, Indiana, 1952-61; Assistant Professor, 1946-48, Associate Professor, 1948-52, Professor, Graduate School of Library and Information Science, University of Illinois, since 1962; Associate Director, 1962-63, Director, 1963-78, Graduate School of Library and Information Science, University of Illinois; and Director of the Library Research Center since 1975.

His fields of interest include research in librarianship and public library administration. Mr. Goldhor coauthored *Practical Administration of Public Libraries* with Joseph L. Wheeler.

DONALD W. KRUMMEL, Professor of Library and Information Science and of Music



M.Mus., A.M.L.S., Ph.D., University of Michigan.

Mr. Krummel's positions include Instructor in Music, University of Michigan, 1952-56; Reference Librarian, Library of Congress, 1956-61; Head of Reference Department and Associate Librarian, Newberry Library, 1962-64 and 1964-69; Associate Professor, 1970-71, and Professor, Graduate School of Library and Information Science, University of Illinois, 1971 to date.

He was a U.S. Civil Service Middle Management Intern, 1960; Scholar in Residence, Aspen Institute for Humanistic Studies, 1969; Horace M. Oakley Traveling Fellow of the Newberry Library, 1969-70; Guest Lecturer, King's College, London, 1970; Associate in the University of Illinois Center for Advanced Study, 1974-75; Honorary Research Fellow, University College, London, 1974; and Guggenheim Fellow, 1976-77. He is director of the National Endowment for the Humanities project, "Resources of American Music History." His fields of interest include the history and development of research libraries, music bibliography, and printing. He is the author of five books, about seventy articles, and over a hundred reviews in scholarly journals.

F. WILFRID LANCASTER, Professor of Library and Information Science



Fellow (by thesis) of the Library Association of Great Britain; graduate of Newcastle upon Tyne School of Librarianship.

Mr. Lancaster was the Senior Research Assistant, ASLIB Cranfield Project, 1963; Head of the Systems Evaluation Group, Herner & Co., 1964-65; Information Systems Specialist, National Library of Medicine, 1965-68; Director of Information Retrieval Services, Westat Research, Inc., 1969; Associate Professor, 1970-72, and Professor, Graduate School of Library and Information Science, University of Illinois, since 1972.

His fields of special interest are information storage and retrieval, medical libraries, and industrial libraries. He has authored *Information Retrieval Systems*, 2d ed. (Wiley, 1979); *Vocabulary Control for Information Retrieval* (Information Resources Press, 1972); *Information Retrieval On-Line* (Melville, 1973); *The Measurement and Evaluation of Library Services* (Information Resources Press, 1977); and many reports and articles in the field of information science.

CORA E. THOMASSEN, Associate Professor of Library and Information Science



A.B., Central College; University of Iowa; M.S., University of Illinois.

Ms. Thomassen has been the librarian, Public Schools, South Haven, Michigan, 1955-57; University School Librarian, Southern Illinois University, 1957-61; Visiting Lecturer, University of Hawaii, Summer 1964; Visiting Assistant Professor, University of Iowa, 1965-66; Assistant Professor, 1961-69, and Associate Professor, Graduate School of Library and Information Science, University of Illinois, 1969 to date.

Her fields of interest include library materials and services for children and young adults, and audiovisual services in libraries. She has served as school librarian in Iowa, Illinois and Michigan, and as president of the Illinois Association of School Librarians.

She has been a member of the Audiovisual Committee of ALA, the Board of the Teachers Section of the Library Education Division, and the Board of Directors of the Association of American Library Schools. Ms. Thomassen is the editor of *Cooperation Between Types of Libraries* (1969), and an issue of *Illinois Libraries*. She directed two National Defense Education Act Institutes (1965, 1967) and a Higher Education Act Institute (1968-69) for school librarians.

KATHRYN LUTHER HENDERSON, Associate Professor of Library and Information Science



A.B., B.S.L.S., M.S.L.S., University of Illinois.

Ms. Henderson has been Serials Cataloger, University of Illinois Library, 1950-53; Circulation Librarian, 1953-56, and Head Cataloger, 1956-65, McCormick Theological Seminary, Chicago; Visiting Instructor, 1964-65, Instructor, 1965-67, Assistant Professor, 1967-71, and Associate Professor, Graduate School of Library and Information Science, University of Illinois, since 1971.

Her fields of interest include academic and research libraries, theological libraries, technical services, and the bibliographical activities of librarians. She has authored "Serial Cataloging Revisited" in *Serial Publications in Large Libraries* (1970); "Treated with a Degree of Uniformity and Common Sense; Descriptive Cataloging in the United States, 1876-1975," in *Library Trends*, July 1976; and book reviews in professional journals. Works on which she has served as editor are: *Trends in American Publishing* (1968), *MARC Uses and Users* (1971); and *Major Classification Systems: The Dewey Centennial* (1977). She has also developed lessons on PLATO (a computer-based educational system).

WALTER COLEMAN ALLEN, Associate Professor of Library and Information Science

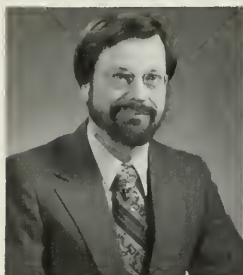


B.A., Williams College; M.S., Columbia University School of Library Service.

Mr. Allen was an Assistant at Williams College Library, 1949-50; a Reference Assistant at Northwestern University Library, 1951-52; and held a variety of positions at the Dayton and Montgomery County, Ohio, Public Library, 1953-68 (Cataloger, Assistant Head of the Catalog and Reference Departments, Head of Circulation, and Head of the Literature and Fine Arts Division). He was Visiting Instructor, Graduate School of Library and Information Science, University of Illinois, Summer 1967; Assistant Professor, 1968-71; and has been Associate Professor since 1971.

His fields of interest include reference, book selection, publishing, and library buildings. He is a frequent reviewer for *Library Journal*, *American Reference Books Annual*, and other journals. Active in professional associations, he was (1972-73) Co-president of the Reference and Adult Services Division of ALA.

JAMES L. DIVILBISS, Associate Professor of Library and Information Science



B.S., Kansas State University; M.S., Ph.D., University of Illinois.

Mr. Divilbiss was Research Associate for the Coordinated Science Laboratory, University of Illinois at Urbana-Champaign, 1955-63; Member of the Bell Telephone Laboratories Technical Staff, 1963-65; and has been Principal Research Engineer, Coordinated Science Laboratory and the Department of Computer Science, University of Illinois at Urbana-Champaign, 1965; and Associate Professor, Graduate School of Library and Information Science, University of Illinois, since 1971.

Mr. Divilbiss's research interests are in the fields of library automation and information retrieval.

SELMA K. RICHARDSON, Associate Professor of Library and Information Science

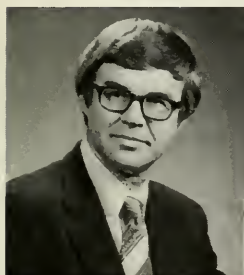


B.M., St. Olaf College; M.A., M.A.L.S., Ph.D., University of Michigan.

Ms. Richardson taught in the Berkley School District, Berkley, Michigan, 1953-60; and worked in the libraries of the Oak Park School District, Oak Park, Michigan, 1960-69. She was an Assistant Professor at Ball State University for an HEA Academic Year Institute for Advanced Study in School Librarianship, 1969-70; and has lectured during summer sessions at the library schools of Simmons College, Northern Illinois University, Rosary College, and the University of Chicago. She served as Chairman of Media Services, Oak Park and River Forest High School, Oak Park, Illinois, 1970-74, until coming to the University of Illinois as Associate Professor of Library Science in 1974.

Her fields of interest include materials and services for children and young adults, audiovisual services, and history of children's literature. She is author of *Periodicals for School Media Programs* (ALA, 1978) and *An Analytical Survey of Illinois Public Library Services to Children* (Illinois State Library, 1978). She has served on numerous committees of the American Library Association and is a past member of Council.

TERRY L. WEECH, Associate Professor of Library and Information Science.



A.B., Knox College; M.S., Ph.D., University of Illinois.

Mr. Weech has held positions at the Illinois State Library, 1964, 1965-67; Research Associate, Library Research Center, University of Illinois, 1967-68; Visiting Lecturer, Graduate School of Library and Information Science, University of Illinois, 1972-73; Chair, Department of Library Science, Mississippi University for Women, 1973-76; Assistant Professor, School of Library Science, University of Iowa, 1976-80; and Associate Professor, Graduate School of Library and Information Science, University of Illinois, since 1980.

His teaching fields include reference in the social sciences and humanities, library administration, government publication, library systems, and collection development. Research interests include evaluation of reference service, user access to information, public librarianship, and library cooperation. He has reviewed for *American Reference Books Annual* and published articles on reference valuation, government publications, public librarianship, and library cooperation.

JEROME K. MILLER, Assistant Professor of Library and Information Science



B.A., Emporia Kansas State University; A.M.L.S., University of Michigan; M.A., University of Kansas; Ed.D., University of Colorado at Boulder.

Mr. Miller was a Cataloger, 1967-69, and then Coordinator of Audiovisual Library Services, 1969-74 at Central Washington University. He came to the University of Illinois Graduate School of Library and Information Science as a Lecturer in 1975, and became Assistant Professor in 1976.

His fields of special interest are copyright and audiovisual services in libraries. He is the author of a book and a number of journal articles on the subject of copyright.

LINDA C. SMITH, Assistant Professor of Library and Information Science



B.S., Allegheny College; M.S., University of Illinois; M.S., Georgia Institute of Technology; Ph.D., Syracuse University.

Ms. Smith was a Trainee in Computer Librarianship, Washington University School of Medicine Library, 1972-73; Literature Searcher, Library, Georgia Institute of Technology, 1974-75; and has been Assistant Professor, Graduate School of Library and Information Science, University of Illinois, since 1977.

Her fields of interest include information retrieval, library automation, and science reference service. She has published articles in the field of information science, and since 1977 has served as faculty advisor of both the SLA Student Group and the ASIS Student Chapter at the University of Illinois.

KATHLEEN McENTEE HEIM, Assistant Professor of Library and Information Science



B.A., University of Illinois at Chicago Circle; M.A., Marquette University; M.A., University of Chicago; Ph.D., University of Wisconsin-Madison.

Ms. Heim has been Reference Librarian at Elmhurst College, 1971-72; Instructor of Library Technology at Triton College, 1974-75; Director of Public Services, Rosary College Library, 1972-76; Visiting Lecturer and Teaching Assistant, University of Wisconsin, 1976-78; Lecturer, Graduate School of Library and Information Science, University of Illinois, 1978-80, and Assistant Professor since 1980.

Her fields of interest include statistical data bases, the history of women in libraries, and the literature of the small presses. She is a coeditor of *Women in Librarianship: 1876-1976*, author of *Index to Small Press Review, 1967-76*. She has served as the Chair of the ALA Committee on the Status of Women in Librarianship and as a member of the ALA-ERA Task Force.

Emeritus Faculty

MARIE MILLER HOSTETTER, A.B., B.L.S., A.M., Associate Professor of Library Science, Emerita

THELMA EATON, B.S., A.B., A.M.L.S., Ph.D., Professor of Library Science, Emerita

FRANCES BRIGGS JENKINS, B.S., B.L.S., M.S., Ph.D., Professor of Library Science, Emerita

ROBERT BINGHAM DOWNS, A.B., B.S., M.S., Litt.D., LL.D., L.H.D., Dean of Library Administration and Professor of Library Science, Emeritus

WINIFRED CLAIRE LADLEY, A.B., M.L.S., Professor of Library Science, Emerita

MARY ALICE LOHRER, Ph.B., B.S.L.S., A.M., Professor of Library Science, Emerita

GEORGE S. BONN, B.Ch.E., M.Sc., M.A.L.S., Professor of Library Science, Emeritus

ROLLAND E. STEVENS, A.B., B.S.L.S., M.S.L.S., Ph.D., Professor of Library Science, Emeritus

Collaborating Faculty

HUGH ATKINSON, M.A., Departmental Affiliate; University Librarian and Professor of Library Administration

MAYNARD BRICHFORD, M.S., Departmental Affiliate; University Archivist and Professor of Library Administration

MARGARET A. CHAPLAN, M.A., Librarian, Labor and Industrial Relations Library and Associate Professor of Library Administration

MARIANNA TAX CHOLDIN, Ph.D., Departmental Affiliate; Slavic Bibliographer and Associate Professor of Library Administration

MICHAEL GORMAN, FLA (Fellow of the Library Association of Great Britain), Departmental Affiliate; Director of Technical Services, University of Illinois Library, and Professor of Library Administration.

LAURENCE MILLER, M.S.L.S., Special Languages Librarian and Professor of Library Administration

FREDERICK A. SCHLIPF, Ph.D., Adjunct Professor; Executive Director, The Urbana Free Library

MARTHA E. WILLIAMS, M.A., Research Professor in the Coordinated Science Laboratory, Professor of Library Administration and of Library Science, and Director of the Information Retrieval Research Laboratory

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