



School of Library and Information Science Bulletin  
2011-2013

# SLIS

## Administration

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## Overview

### The World of Information

For decades, scholars and futurists have predicted a knowledge revolution. Those predictions have come to life dramatically in recent years. We live in an information age, an age in which the ability to generate and access new knowledge has become a key driver of social and economic growth. This conviction is powerfully reflected in the development of internetworking and in the feverish spate of takeovers, strategic alliances, and joint ventures in the telecommunications, cable, content, and computer industries, as the major players position themselves to be in the vanguard of the digital revolution. A decade or so ago, no one had heard of Google, YouTube, or Twitter. Today Wikipedia has more than 10 million entries, YouTube more than 700 million videos, and Facebook more than 500 million users. Daily more than 100 million blog entries are posted, three million tweets sent and two billion searches conducted on Google. Such growth rates are unprecedented in the realm of ICTs (information and communication technologies) and are leading indicators of the shift to the aforementioned digital revolution. Such developments are transforming both scholarly and lay perceptions of the value of information and dramatically altering our understanding of communicative practices.

In many developed nations, the information sector is among the fastest growing segments of the economy. The growth of a dynamic global information industry has created a wealth of opportunities for information professionals, but it has also helped throw into relief a raft of complex public policy issues, such as privacy and cyber surveillance, privatization of government-held information resources, the management of intellectual property rights, and the emergence of a digital divide, all of which call for rigorous and informed policy analysis.

The signs of a new age are everywhere: the World Wide Web and electronic commerce, mobile and ubiquitous computing, the Open Access movement, interactive media in the home, virtual universities, electronic publishing, digital libraries. The statistics are irresistible; the amount of information produced in the last decade alone is greater than all the information created in past millennia. The rhetoric of the Information Age has become reality. And that reality translates into unprecedented career opportunities for information professionals who know how to capture, organize, manage, and exploit knowledge assets; who combine analytic and technical skills with a sense of the strategic value of information to organizations of all kinds.

The economic and social well-being of nations depends increasingly on their ability to generate and access new knowledge. The “informatization” of society is creating a demand for specialists who will function as information resource managers and act as guides, interpreters, mediators, brokers, and quality controllers for the ultimate

user, who might be a corporate executive, a scientist, or a schoolchild. Today’s information professionals do not merely store and locate information, they also analyze and synthesize raw data to produce customized, value-added services and products for a diverse clientele. The field offers a kaleidoscope of career tracks from which to choose: Web design, information architecture, information systems analysis, database design and marketing, information brokering, medical informatics, systems librarianship, competitor intelligence analysis, usability testing. In a sense, the opportunities are limited only by the imagination.

On one issue there is widespread agreement: the effective management of information systems and resources is critical to successful organizational performance. That is as true of a Fortune 500 corporation as of a hospital or a small liberal arts college. Information resources include, but are by no means synonymous with, the materials held in libraries, archives, and documentation centers. In the Digital Age, organizations of all kinds are waking up to the fact that intellectual capital is one of their most important resources—the basis of comparative advantage and superior service delivery. It is this awareness, as much as the highly visible information technologies, that is responsible for transforming the ways in which business, commerce, professional affairs, and contemporary scholarship are being conducted.

Libraries, historically a key component of society’s “epistemic infrastructure,” are also changing. Once passive storehouses, they have in some cases become active agents of social change and early adopters of new information and communication technologies. The range of materials and media they handle has diversified enormously in the last decade. Access to full-text databases, networked resources, and multimedia information systems has become the norm in a matter of years, fueled in no small measure by the prodigious growth of the Internet and the World Wide Web. The next few years promise even greater advances—pervasive computing, global digital libraries, hyper-connectivity, intelligent interfaces, interactive books, collaboratories, intelligent agents, and virtual reality. Indiana University’s School of Library and Information Science is responding to the challenge with a flexible and forward-looking curriculum, which stresses the social, behavioral, and cultural aspects of information design and use and a wide-ranging research agenda supported by funding from bodies such as the National Science Foundation (NSF), National Institutes of Health (NIH), National Endowment for the Humanities (NEH), and the Institute for Museum and Library Services (IMLS).

### About the School

[The School of Library and Information Science](#) (SLIS) at Indiana University ranks consistently in the top five or ten programs in North America, and its master’s and doctoral enrollments are among the largest in the nation. A recent survey of scholarly productivity and impact ranked the school number one (Library and Information Science Research, 2006, 28(3)). The M.L.S. (Master of Library Science) degree has been accredited continuously since 1952. The pioneering M.I.S. (Master of Information Science) degree, established in 1995, adds another avenue of entry to the information professions. In addition to these two accredited programs, the school offers a

Ph.D. in Information Science, a Specialist (post-master's) degree in Library and Information Science, a dual M.I.S./M.L.S. degree, specializations in African Studies Librarianship, Archives and Records Management, Art Librarianship, Chemical Information, Children's and Young Adult Services, Digital Libraries, Library Technology Management, Music Librarianship, and Rare Books and Manuscripts Librarianship, and a dual M.L.S./Doctor of Jurisprudence program with the School of Law. There are also dual master's degree programs with the Schools of Journalism, Music, and Public and Environmental Affairs, and the Departments of African American and African Diaspora Studies, African Studies, Art History, Central Eurasian Studies, Comparative Literature, English, Folklore and Ethnomusicology, History, History and Philosophy of Science, Latin American and Caribbean Studies, and Russian and East European Studies. Course work leading to certification in public libraries and in school media is available. There is also an 18 credit Graduate Certificate in Information Architecture.

At SLIS we bring fresh insights to bear on information design, access, and policy issues by looking at information and information technologies in diverse human contexts. We seek to understand the behaviors, cognitive factors, social practices, media, and tools that foster and hinder effective information use. We place a strong emphasis on the social and behavioral dimensions of information and communication technology.

SLIS has a full-time faculty of 24 (Bloomington–16, Indianapolis–6), supplemented by a distinguished emeritus, visiting, associate, and adjunct faculty.

The School of Library and Information Science offers programs on the Bloomington and Indianapolis campuses. All students have access to the extraordinary physical and human resources of Indiana University, including one of the largest university computing networks in the world and a university library system that ranks thirteenth in the nation in terms of its holdings. Included in this system is the prestigious Lilly Library, which is internationally known for its rare books, manuscripts, and special collections.

The IU School of Library and Information Science is a member of the Association for Library and Information Science Education, the American Library Association, and the iSchools Caucus. It maintains affiliations with a number of other national and international bodies in library and information science.

## History of the School

The first organized library science curriculum at Indiana University, a program for the preparation of school librarians, was offered by the School of Education in the summer of 1930. In 1938 this curriculum was expanded and made available in the regular school year as well as during the summer session.

In 1947 the Division of Library Science was established within the School of Education. A basic undergraduate curriculum in library science focused on the fundamental processes common to all types of libraries was offered as a minor within the four-year program leading to the Bachelor of Arts or Bachelor of Science degree in the College of Arts and Sciences or to the Bachelor of Science in Education degree in the School of Education.

## Graduate Education in Library and Information Science

A five-year program leading to the Master of Arts with a major in library science, granted by the Graduate School, was created in 1949, and a Ph.D. program in library and information science was established in 1964.

In 1966 the Trustees of Indiana University established the Graduate Library School, and the professional degree Master of Library Science (M.L.S.) replaced the Master of Arts degree. The Specialist degree program was added to the curriculum in 1978. In 1980 the name of the school was officially changed to School of Library and Information Science (SLIS). The addition of the Master of Information Science (M.I.S.) degree in 1995 reflects the school's continuing commitment to preparing information professionals for a variety of fields.

## Mission Statement

The Indiana University School of Library and Information Science is committed to excellence and innovation in the education of information professionals, the creation of new knowledge, and service to a diverse society in a dynamically changing global information environment.

To accomplish this mission, the school has adopted as its goals:

- To educate students for fulfilling careers, professional leadership, lifelong learning, social responsibility, and technological mastery
- To contribute new knowledge and advance science with a particular interest in user-centered approaches; social, behavioral, and technological perspectives; interdisciplinary collaboration; and the role of information in society
- To serve society, our state and local constituencies, and the library and information science profession
- To create a climate of intellectual engagement, openness, and respect within the school

## Contact Information

[School of Library and Information Science](#)  
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Bloomington, IN 47405-3907  
(812) 855-2018  
[slis@indiana.edu](mailto:slis@indiana.edu)

## Admission

- Application Procedures (U.S. Citizens)
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- Specialist Program Criteria
- Ph.D. Program Criteria

## Application Procedures (U.S. Citizens)

Apply online through the [SLIS Web site](#). Check the Web site for application requirements for your specific program. Contact the [slis@indiana.edu](mailto:slis@indiana.edu) if you have any questions.

Application to SLIS graduate programs includes a minimum of the following (additional requirements may be found under listings for individual degrees):

1. Completed application forms (online).
2. Three letters of recommendation that address the applicant's academic and professional capabilities. It is the applicant's responsibility to ensure that letters of recommendation reach the Admissions Office by deadline dates.
3. A personal essay explaining academic and career objectives (minimum 500 words).
4. Official transcripts from each college attended (except IU transcripts, which the school can obtain from the IU Registrar's online system). From all other colleges and universities, applicants should arrange to have transcripts sent directly to the SLIS Admissions Office.
5. Graduate Record Examination (GRE) General Test scores are required of all doctoral program applicants. Master's program applicants whose grade point average (GPA) in undergraduate college course work is below a 3.0 on a 4.0 scale, or whose GPA on course work completed for a previous graduate degree is not 3.2 or higher, must submit GRE scores in support of their applications. GRE minimum scores are 500 verbal, 500 quantitative, and 4.5 analytical. Otherwise, GRE scores are not required for master's or specialist applicants who are U.S. citizens with English as their first language. Master's program applicants are advised that GRE scores, if provided, will be taken into account in the competitive admissions process and in the awarding of departmental financial aid. The test must have been taken within three years. GRE information and application forms can be obtained from Educational Testing Service. GMAT scores may be submitted for GRE scores for SLIS master's degree applicants (minimum score of 31 in each area).
6. An application fee. Online applications require payment by credit card.
7. International students, those in Ph.D. or joint degree programs, and students whose first language is not English, have application requirements in addition to those listed above.

When the completed application forms are received, an applicant's individual file is established, and other elements of the application are added to the file as they are received. Students may contact the SLIS Office to check on the status of their application. Admission, once granted, is good for a period of one year. Students may request a deferral of their admission via e-mail. Files of admitted students who neither matriculate nor request an extension may be purged soon after the beginning of the semester for which admission was granted.

#### **Application Deadlines for U.S. Citizens**

Applications are processed on a rolling basis for master's and specialist degree students. Priority deadlines for students not applying for SLIS financial aid are May 15 for the fall semester, November 1 for the spring semester, and March 15 for second summer session, although applications are accepted beyond this date.

Applications for Ph.D. students are due January 15.

Applications will not be reviewed until all required documents have been received. Ordinarily, applications for master's and specialist degrees are processed within

one month of their completion. Decisions on admission to the doctoral program are usually made by April 15.

The SLIS financial aid deadline for all degrees is January 15.

Students must have a completed application on file at SLIS by January 15 to be considered for financial aid. [Financial aid opportunities from SLIS](#) are detailed elsewhere in this bulletin. For information on financial aid not directly funded by SLIS, applicants should contact the Office of Student Financial Assistance (OSFA), Franklin Hall 208, Bloomington, IN 47405, (812) 855-0321, or visit the [OSFA Web site](#).

### **Application Procedures (International)**

International students [apply online](#). All supporting materials must be sent to the Office of International Admissions, Indiana University, 300 N. Jordan Avenue, Bloomington, IN 47405-7707, (812) 855-4306. Payment of an application fee is required. Questions should be directed to International Admissions via [intladm@indiana.edu](mailto:intladm@indiana.edu). Their [Web site](#) has additional information.

All international applicants for any SLIS degree program—master's, specialist, or Ph.D.—must submit a recent official Graduate Record Examination (GRE) General Test score report from the Educational Testing Service. The test must have been taken within three years of application. Scores on all three sections (verbal, quantitative, and analytical) will be considered. GRE minimum scores of 500 verbal, 500 quantitative, and 4.5 analytical are required. (Ph.D. minimum scores are 500 verbal and quantitative and 4.5 analytical.) The Educational Testing Service provides GRE information. It is the responsibility of the applicant to take the GRE test at a time that will allow scores to arrive at the SLIS Admissions Office to meet all school deadlines. GMAT scores may be submitted for GRE scores for SLIS master's degree applicants (a minimum score of 31 in each area is required).

Students whose first language is not English must submit recent official scores from the Test of English as a Foreign Language (TOEFL). A minimum TOEFL score of 100 (or 600 on the paper test), or 250 (on the earlier computer test), is required for admission to SLIS graduate programs. See the [TOEFL Web site](#) for details.

Students whose first language is not English must also take an IU English Proficiency Test during orientation. The results of this test are used to determine what, if any, remedial English courses must be successfully completed before graduate study begins (or during the first semester). International students should understand that all admissions are granted conditionally, upon verification of English language proficiency, and that enrollment in graduate course work is not permitted, or is limited, until all language deficiencies have been removed.

Additional Bloomington campus information for international applicants can be found on the International Center's [Web site](#).

#### **Application Deadlines for International Citizens**

The SLIS Admissions Office will not act upon applications until all required documents have been received (including

transcripts, letters of recommendation, application fee, and GRE and TOEFL test scores as required). Ordinarily, applications for master's and specialist degrees are processed within one month of being completed and received at SLIS from the Office of International Admissions. International applicants must comply with the deadline dates indicated in international application materials. International students wishing to be considered for SLIS financial aid packages must have their completed applications with the SLIS Office by January 15. Since these applications must first be processed by the Office of International Admissions, we recommend that you apply by October 1. Students may check on the status of their applications with International Admissions by [intladm@indiana.edu](mailto:intladm@indiana.edu).

## Master's Programs Criteria

Students holding a bachelor's degree from an accredited four-year collegiate institution are eligible to apply for admission. Applicants in the final year of their undergraduate programs may apply and be granted admission conditionally upon their being awarded the bachelor's degree.

An applicant must have a minimum grade point average (GPA) of 3.0 (on a 4.0 scale) or its equivalent in the total undergraduate program, or an average of 3.2 in the latest graduate degree or representative graduate hours (usually 30 semester hours) completed. The SLIS admissions committee makes individual judgments about the rigor of grading in the undergraduate or graduate course work presented and about the relative significance of course work completed at various times in an applicant's academic history. Students who do not meet the SLIS cumulative GPA requirements may submit GRE or GMAT scores for consideration. Students may also address circumstances of low academic performance in an attachment to their applications.

A substantial number of credit hours of appropriate content-based course work must be included in the overall undergraduate and graduate course work previously completed. This appropriate background includes, but is not limited to, course work in the humanities and the social, biological, and physical sciences. If an applicant is judged to be deficient in background preparation, additional course work may be required to remove the deficiency. Letters of recommendation should be submitted by three individuals who are familiar with the applicant's academic abilities. Academic references are preferred. Letters from employers and information professionals who are familiar with the applicant's intellectual abilities and work habits are also acceptable.

A personal goals essay of at least 500 words is required (see M.I.S. or M.L.S. application). The essay must indicate a student's academic and professional goals appropriate to the desired SLIS degree program. The writing skills indicated in this goals statement are also considered as part of the admission decision. We welcome applications from students of all backgrounds. Indiana University prohibits discrimination based on such characteristics as age, disability, ethnicity, gender, marital status, national origin, race, religion, sexual orientation, or veteran status.

## Matriculation

Applicants may enter the SLIS master's degree programs at the beginning of fall semester, spring semester, or the second summer session.

## Admission Categories

**Admission**—A student's full admission status is valid for one year, with an additional year available upon petition. If an admitted student fails to matriculate within the allowed time, the admission status is terminated, and the student must reapply.

**Probationary Admission**—The SLIS Admissions Committee may grant *probationary admission* to a student who fails to meet one or more of the admission requirements listed above, if, in the judgment of the committee members, there is sufficient other evidence of probable success in the degree program. Probationary admission carries a requirement that the student maintain a *minimum* GPA of 3.0 throughout the program. Other conditions of the probationary admission, if any, will be stated in the admission letter. The student's progress will be monitored throughout the program to ensure that the conditions are maintained. If, at any time in the program, the student does not meet the conditions of the probation, admission will be terminated.

Applicants who are *denied admission* to a SLIS graduate program may not take course work in SLIS without the permission of the dean of the school.

**SLIS Non-Degree Student Status**—Students with an undergraduate degree may be permitted to take up to 6 credit hours of SLIS graduate course work prior to admission that could count towards their degree if admitted. Nondegree students must complete all necessary prerequisites before taking any course. Nondegree students may be removed from any SLIS course if their place is required for an admitted degree-seeking student. SLIS S401 is a prerequisite course to our MLS degree program, and does not count toward the credits for the degrees offered. Undergraduate and nondegree students may take SLIS S401.

**Auditing**—There are few SLIS courses available for auditing. Auditing is to be limited to nonparticipating courses. Lab-based courses generally may not be audited. Students who wish to audit a course must obtain written permission from the instructor. Audited courses appear on the transcript with no grade or credit given. A student is not permitted to audit a course without registering as an auditor and paying the auditing fees required.

## Advising

Upon admission each student is assigned a faculty advisor whose name is given in the admission letter. Students should regularly meet with their faculty advisors to discuss academic course planning and professional goals. Advisor signatures are also required for various approval forms. Students should carefully plan their course selections, noting appropriate prerequisites and required sequences. The SLIS Web site offers projected long-range course schedules. In addition to the assigned initial faculty advisor, students may consult with any member of the faculty for professional and career guidance.

## Dual M.I.S./M.L.S. Criteria

Students should follow the general admission procedures for the M.I.S. and M.L.S. degrees, and should clearly indicate on the application form their interest in this dual-degree option. The personal goals essay should also address reasons for pursuing the dual M.I.S./M.L.S. degree program. For details about this program, see the Joint Programs section of this bulletin.

## Specialist Program Criteria

A student holding a master's degree in library and/or information science from an accredited university may apply for admission to the Specialist Degree Program. Application deadlines are the same as for the M.L.S. and M.I.S. degree programs. Additional criteria for admission include the following:

- A minimum grade point average of 3.2 (on a scale of 4.0) in previous graduate course work.
- A minimum of two years' successful experience in a library, media, or information professional position following award of the master's degree. (This requirement may be waived when it is deemed advantageous to the student and acceptable to the school for the student to enter the specialist program directly from the master's level of study.)
- Three letters of recommendation.
- A description of the applicant's area of interest and career plan.

## Ph.D. Program Criteria

Admission to the doctoral program is highly competitive. Information about application procedures and admission criteria can be found in the Admission to Graduate Programs section of this bulletin.

Students who have graduated with a bachelor's or master's degree in any discipline may apply for admission to the SLIS doctoral program. Students who are admitted and have a master's degree from a recognized international program, in a field of study closely related to information science or the equivalent, may be enrolled in the doctoral program and may transfer up to 30 credit hours of recognized course work. The student must submit official transcripts as proof of degree completion. If a student is admitted who has an interest in information science but does not possess an appropriate graduate degree, the student will initially be enrolled in one of the master's degree programs. After 12 months, the student's performance will be reviewed by the Doctoral Steering Committee, and, if appropriate, the student's status will be changed to reflect admission to the doctoral program.

The formal requirements for admission include:

- A completed Indiana University Graduate Application for Admission ([apply online](#)).
- A bachelor's degree from an accredited university or college. Submit transcripts for all course work taken and degrees completed.
- Record of academic accomplishment. An applicant must have an undergraduate grade point average of at least 3.2 (on a 4.0 scale) and a minimum grade point average of 3.5 (on a 4.0 scale) in any previous graduate course work. An international applicant's grade point average will be calculated on the basis

of equivalency from universities that use a different scale.

- Personal statement. The applicant must submit a 500-word statement of professional goals that reflects a commitment to teaching and/or research.
- Three letters of recommendation should come from persons in the professional and academic communities who can address the applicant's scholarly and analytical abilities and potential for doctoral study.
- Scores on the [Graduate Record Examination](#) (GRE). Applicants must submit a recent score (within three years of application) on the Graduate Record Examination (GRE) General Test as part of their admission credentials. Scores on all three sections (verbal, quantitative, and analytical) will be considered. GRE minimum scores of 500 each in the verbal and quantitative areas and 4.5 in the analytical area are required. GRE information and application forms may be obtained from Educational Testing Service, P.O. Box 6000, Princeton, NJ 08541-6000. These are the minimum scores required for an application to be processed further; we expect higher scores from successful applicants.
- A TOEFL (Test of English as a Foreign Language) score above 100 (or 600 on the paper test) or 250 (on the earlier computer test) is required for applicants whose native language is not English. In addition, university policy provides that all international students be retested on English language abilities upon arrival at Indiana University.
- Demonstrable potential for excellence in conducting research. Success in a doctoral program requires such characteristics as the ability to identify and conceptualize significant research problems, the ability to be insightful and express ideas clearly, and overall potential for contributing new knowledge to the discipline.

Applications from international students must be reviewed by the Indiana University Office of International Admissions before their review by the SLIS Doctoral Admissions Committee.

SLIS encourages doctoral applicants to provide the school with the most appropriate evidence regarding each of the admission criteria. GRE scores and college transcripts are usually sufficient to demonstrate capability of working with abstract concepts in doctoral-level courses and research. The essay portion of the application provides indication of the applicant's commitment to research and to the field of information science and attracts the attention of relevant faculty to the application. It is required that each applicant submit a single-authored writing sample that is relevant to the admission criteria, such as academic papers or work-related projects.

Check our [Web site](#) for more information.

## Financial Aid

- Merit Scholar Packages
- Fellowships and Scholarships
- Other Resources
- Doctoral Student Support

## Merit Scholar Packages

SLIS financial aid for master's and specialist degree students focuses on SLIS Merit Scholar packages (fee scholarships with part-time jobs). These packages are merit-based and are highly competitive. Each year SLIS awards approximately 30 Merit Scholar packages (to about 10 percent of our students). These packages are for one year, and are not renewable. Most packages include 27 credit hours of tuition remission (excluding university fees of about \$35 per credit hour); plus paid hourly positions of 15 hours a week. Packages may vary. Hourly positions include working with SLIS faculty and administration, at the IU Libraries, with SLIS information technology, among other opportunities. These packages are similar to "graduate assistantships" but have some differences. In addition, SLIS has some smaller fee scholarship aid packages. While some SLIS packages are substantive, none will fully fund a graduate education. Students are encouraged to review the other scholarship and aid links listed on the [SLIS Web site](#).

Financial aid recipients must make adequate progress toward their degrees each semester and meet all other requirements of the award, or financial support may be discontinued. It is the responsibility of each recipient to confirm tax status with the Internal Revenue Service.

### Application Deadline: January 15

New students must have a completed application on file by January 15 to be considered for SLIS aid packages. Continuing students must indicate their wish to be considered to the SLIS Office according to the guidelines that will be posted on the SLIS listserv. Students may submit an updated resume.

### International Student Aid

To be considered for SLIS aid packages, international students must have their completed applications to the SLIS Office by *January 15*. International applications must first be reviewed by the IU Office of International Admissions. International students are encouraged to apply by *October 1* so that applications may be processed and forwarded to the SLIS Admissions Office by January 15. The International Admissions Office e-mail is [intladm@indiana.edu](mailto:intladm@indiana.edu). SLIS is glad to welcome international students to our programs. Aid resources are limited, however, and international students are advised to seek sponsorship and support from sources other than SLIS.

## Fellowships and Scholarships

SLIS offers annual scholarship and fellowship awards. Many of these are provided through the generous gifts of alumni and other SLIS supporters. They are often established in memory or in honor of the person for whom the award is named. Most of these awards are given to currently enrolled, full-time master's or specialist degree students. Students who apply for SLIS financial aid by the January 15 deadline will be considered. Faculty members may nominate students for some awards. E-mail notices will be sent out on the SLIS listserv if any different procedures are required. Award decisions will be made by the end of April each year. Examples of the awards available:

- *Charles A. and Charles H. Davis Fellowship in Scientific Information*—annual award to assist

graduate students in the study of scientific information

- *Janice Kilner Egloff Scholarship*—annual award
- *Dennis K. Grumling Award*—annual award for excellence in cataloging
- *Frances E. Hammitt Scholarship*—annual award
- *Lois Eleanor Kidwell Scholarship*—annual award
- *Keith C. Kuhn Tri-State Scholarship*—annual award to a student from the Tri-State Area (Southeast Indiana, Southwest Ohio, and Northern Kentucky)
- *Margaret I. Rufsvold Graduate Fellowship*—annual award
- *Harold and Marjorie Sharp Scholarship*—annual award with preference for special library career paths
- *Charles B. Shaw Fellowship*—annual award for potential primarily in the area of academic librarianship
- *Clayton A. Shepherd Scholarship*—annual award with emphasis on information science and technology
- *Evelyn Ray Sickels Award*—annual award for youth services
- *ALA Spectrum Initiative Matching Award*—6 credit hours of fee remission for a student who receives an ALA Spectrum Scholarship and who elects to attend IU
- *H. W. Wilson Scholarships*—varying awards
- *Yuan T'ung Li Fellowship*—annual award to a student of Chinese ancestry

## Other Resources

Students are advised to check the [SLIS Web site](#) for updated scholarship information. In addition to SLIS departmental aid, there are professional associations and institutions (see examples below) that offer support to library and information science graduate students.

### AIME (Association for Indiana Media Educators)

Scholarships are offered to students planning a career in Indiana school libraries and media centers. Application details are published by [AIME](#) and by SLIS when they become available.

**ALA (American Library Association) Scholarships** See the [ALA Web site](#).

**ILF (Indiana Library Federation) Scholarships** are awarded annually by the ILF to students who are Indiana residents, have economic need, and are studying or wish to study for a career in librarianship. Awards are made each spring, and recipients must agree to work in an Indiana library for one year following degree receipt. E-mail ILF ([ilf@indy.net](mailto:ilf@indy.net)) or call (317) 257-2040 for details.

**The InULA (Indiana University Librarians Association) Julieann V. Nilson Scholarship** is awarded annually to a full- or part-time student currently enrolled in a School of Library and Information Science master's degree program. A \$1,000 award is given each year. Students must complete an application form, a statement of professional philosophy and goals, and arrange to have at least one letter of reference sent directly to the current InULA president as listed on the application each year. [InULA](#) reserves the right to publish the winning statement in its newsletter.

**The A. R. Zipf Fellowship in Information Management** awards \$8,000 annually to a student who shows exceptional promise for leadership and technical achievement in information management—sponsored by the [Council on Library and Information Resources](#) (CLIR).

**Student employment** opportunities in part-time positions on campus and in the community are frequently available. The IU Libraries and the campus University Information and Technology Services (UITS) department are key employers of SLIS students. SLIS also announces opportunities as they become available, and lists links on the [SLIS Web site](#).

**Student loans** are managed through the [IU Office of Student Financial Assistance](#), (812) 855-0321. This is a separate process from the SLIS financial aid process.

## Doctoral Student Support

There are a variety of financial aid sources for doctoral students, including fellowships awarded by the university to outstanding graduate students and government-funded awards under the Graduate Assistance in Areas of National Need (GAANN) program. Scholarships established by alumni and supporters contribute to Ph.D. departmental aid packages (for example, the Margaret Griffin Coffin Scholarship and the Sarah Reed Scholarship). Qualified Ph.D. students may apply for the Clayton A. Shepherd Scholarship. SLIS also provides support to Ph.D. students in the form of graduate assistantships and other direct aid. Teaching opportunities are often available. International students are required by the University Graduate School to demonstrate financial independence before being admitted to the program. Questions should be directed to the director of the SLIS doctoral program.

## Degree Programs

- Master of Library Science (M.L.S.)
- Master of Information Science (M.I.S.)
- Dual Degrees and Specializations
- State Certifications
- Graduate Certificate in Information Architecture
- Specialist in Library and Information Science
- Doctor of Philosophy in Information Science (Ph.D.)
- Doctoral Minor in Information Science

## Master of Library Science (M.L.S.)

### Goals and Objectives for the Master of Library Science Program

The Master of Library Science (MLS) is a 36-credit-hour program accredited by the American Library Association. The program is innovatively designed to meet the new challenges of our profession. Students in the program are introduced to the roles and functions of libraries in contemporary society. They become familiar with key policy issues and technological trends, and with how these issues and trends affect libraries and information centers of all kinds. Students learn to manage and evaluate collections, respond to the information needs of patrons, and to use technology to improve access to information. Students who complete the program are prepared for careers in library administration, public services, technical services, reference services, and collection development at public, school, academic, and special libraries.

SLIS has identified the following primary goals and objectives for the MLS program. Upon completion of the MLS program, graduates will be prepared to:

### 1. Assist and Educate Users of Libraries and Information

- Analyze and identify information needs that represent a variety of age, academic, economic, and social groups and apply appropriate search strategies for effective and efficient information retrieval in each situation.
- Educate users and potential users of information systems to locate and evaluate information resources.
- Analyze and evaluate the provision of information systems and services in a variety of library and information settings.

### 2. Develop and Manage Library Collections

- Prepare and apply policies and procedures that support the selection and acquisition of information resources which will meet the information needs of an organization, institution, or community.
- Manage, evaluate, and preserve collections of information resources.

### 3. Organize and Represent Information Resources

- Understand and effectively apply principles of representation and systems of organization to provide access to resources in a variety of library and information environments.

### 4. Apply Management and Leadership Skills

- Understand a wide range of organizational structures and management and leadership styles; demonstrate positive attitudes and constructive actions that characterize innovative leadership.
- Recognize the value of collaborative planning and project management.
- Apply the interpersonal and organizational skills necessary to manage and evaluate projects and personnel successfully.
- Work effectively within and across a variety of organizational structures.
- Communicate an organization's values and contributions, and identify sources that will support the organization's activities.

### 5. Conduct and Analyze Research

- Understand and apply research and evaluation methods to investigate questions related to the acquisition, representation, organization, use, and/or dissemination of information.
- Analyze and interpret findings of such research and evaluation.

### 6. Demonstrate Basic Technical Expertise

- Understand the basic applications of modern technology in today's libraries and other information environments.

### 7. Approach Professional Issues with Understanding

- Comprehend the social, political, and legal aspects of information creation, access, and ownership.

- Engage in continuing learning in professional organizations in library and information science.

### **M.L.S. Degree Requirements**

The Master of Library Science degree can be completed with 36 credit hours of graduate course work in the School of Library and Information Science, plus the prerequisite (3 cr. course) S401 Computer-Based Information Tools. A maximum of 6 graduate credit hours from another ALA-accredited master's degree program may, with approval, be applied to the M.L.S. degree. The transferred courses must have a grade of B or higher and must be taken within the five-year time frame allowed for completion of the degree. Only within recognized joint programs, as outlined in this bulletin, may other non-SLIS courses be applied toward the M.L.S. degree. Your course of study builds a foundation in five areas of librarianship, then allows you to work with your advisor to choose advanced elective courses to develop the knowledge and skills needed for your career goals.

**Prerequisite:** S401 Computer-Based Information Tools (3 cr.)

The School of Library and Information Science requires that each student be computer, network, and information literate and be familiar with basic operations that will be used throughout the student's course work. This knowledge is a prerequisite for many courses in the SLIS curriculum and will form the basis for further learning and skill development throughout students' academic and professional careers. To acquire this base, each student must complete SLIS S401 (normally taken during the first semester). S401 must be completed within the first 9 degree credit hours. S401 does not count toward the M.L.S. degree credit hours.

**M.L.S. Foundation Requirements:** (15 cr.) Choose one course from each area:

- **Assist and Educate Users of Libraries and Information Centers**
  - S501 Reference (3 cr.)
- **Develop and Manage Library Collections**
  - S502 Collection Development and Management (3 cr.)
- **Organize and Represent Information Resources**
  - S503 Representation and Organization (3 cr.)
  - S504 Cataloging (3 cr.)
- **Apply Management and Leadership Skills**
  - S551 Library Management (3 cr.)
  - S552 Academic Library Management (3 cr.)
  - S553 Public Library Management (3 cr.)
  - S671 School Media (3 cr.)
- **Conduct and Analyze Research**
  - S505 Evaluation of Resources and Services (3 cr.)
  - S506 Introduction to Research (3 cr.)
  - S519 Evaluation of Information Systems (3 cr.)

**M.L.S. Elective Courses:** (21 cr.) In addition to the 15 credit hours of M.L.S. foundation courses, students must complete a minimum of 21 hours of elective courses to complete the 36 hours required for the M.L.S. degree. Any

SLIS course can be taken as an elective. Students should consult with their faculty advisors about course selection, and care must be taken to ensure that prerequisites have been satisfied before registering for any course. No more than 6 credit hours may be applied to the degree from the workshop courses under the S603 number. M.L.S. students may complete an internship (S605) for up to 3 credit hours.

## **Master of Information Science (M.I.S.)**

### **Goals and Objectives of the M.I.S. Program**

The Master of Information Science (MIS) program is an interdisciplinary professional program designed to prepare students for lifelong careers in designing, managing, and consulting about information and communication technologies (ICT) and services in public, corporate, and nonprofit settings. The program couples best-practices training in the management and use of ICT with exposure to current information management and systems research; there is a strong emphasis on essential career development skills including written and oral communication, team building, analysis, and critical thinking that are necessary for assuming management positions in business, nonprofit, academic, and government organizations.

SLIS has identified the following primary goals and objectives for the MIS program. Upon completion of this program, graduates will be prepared to:

#### **1. Understand the role of research in leadership-oriented careers (S510, S513)**

- Use reflection, critical thinking, and research to make sound decisions regarding information, technology, and social behavior in organizational and social contexts.
- Understand concepts of organization theory and organization behavior as a critical foundation for managing information, people, and ICTs in rapidly changing organizations and organizational environment.

#### **2. Use a combined socio-technical and user-centered approach to studying and working with ICT (S510, S516, S556)**

- Apply their knowledge of theoretical and practical bases of information architecture, information organization, and human computer interaction in their work.
- Evaluate and apply relevant information science concepts, principles, analytic tools, and practices to address a variety of practical challenges involving ICT in organizational and other settings.

#### **3. Work effectively within and across a variety of organizational structures (S510, S513, 556, Electives)**

- Communicate effectively, orally, and in writing.
- Manage and/or participate in project teams.
- Understand organizational dynamics.

#### **4. Demonstrate technical expertise with ICT (S511, S515, S516, S556, Programming requirement)**

- Be effective participants in the design, evaluation, and management of ICT (web sites, databases, digital collections) commonly used in public, private

and non-profit organizations to support effective organizational activities, work and social practices, and usability.

### 5. Understand the responsibilities of an information professional (S510, S513, Electives)

- Understand the implications of the social, political, strategic, and ethical aspects of information creation, access, ownership, and use in the information professions.  
Access and use the range of relevant information resources (research and popular writings, professional organizations) that will support them in their work  
Appreciate the value of continuing education in their chosen professions.

### M.I.S. Degree Requirements

The SLIS M.I.S. program helps to educate a distinctive information professional, one whose expertise includes understanding the human side of information and information technologies and applying this understanding to practical problems. The curriculum has been designed to provide a sound conceptual foundation for developing leadership-oriented careers and enabling students to develop expertise in one or more specific areas. A candidate for the Master of Information Science degree must complete 42 credit hours of graduate course work; at least 36 credit hours must be taken in the IU School of Library and Information Science.

A maximum of 6 graduate credit hours from outside the IU School of Library and Information Science may, in certain circumstances and with approval (using the "Outside Course Approval Form"), be applied to the M.I.S. degree. These 6 credit hours may be taken at Indiana University, or at another university. Outside courses are warranted only when they are [delete: more] relevant to the student's career objectives and will contribute more to the enrichment of their programs than would additional SLIS courses. Ordinarily, permission for such outside course work must be obtained before enrolling in the course. The course must be completed with a grade of B or higher, must not be applied to another degree (except in the case of a recognized dual-degree program), and must be taken within the five-year time frame allowed for completion of the degree.

### M.I.S. Requirements: (21 credit hours)

Suggested sequence:

#### Fall Semester

- S510 Introduction to Information Science (3 cr.)
- S511 Database Design (3 cr.)
- S515 Information Architecture (3 cr.)

#### Spring Semester

- S513 Organizational Informatics (3 cr.)
- S516 Human Computer Interaction (3 cr.)
- Programming Requirement (3 cr.)

#### Summer Semester

- Electives

### Second Fall Semester

- S556 Systems Analysis and Design (3 cr.)
- Electives

**M.I.S. Elective Courses:** (21 credit hours) In addition to the 21 credit hours of M.I.S. requirements, students must complete a minimum of 21 credit hours of elective courses to reach the 42 credit hours required for the M.I.S. degree. Any SLIS course may be taken as an elective. Students should consult with their faculty advisors about course selection, and care must be taken to ensure that prerequisites have been satisfied before registering for any course. No more than 6 credit hours of the technical workshops (S603) may be applied to the degree.

### M.I.S. Programming Requirement

The 3 credit hour open ended programming requirement can be fulfilled with a variety of programming courses in or outside of SLIS, or waived if a student has programming experience. Options to meet this requirement:

- Take a SLIS programming course(s): S517, another approved 3 credit SLIS programming course, or two S603 (programming) workshops.
- Take a graduate level programming course in another IU Department as part of the six credit hours of allowed outside course work.
- Waive the requirement by completing a course waiver form and having the form approved by the M.I.S. Program Director. If the course is waived, the student will have an additional 3 cr. of electives.

(If the course is waived, then a student would have an additional 3 credit hours of electives).

### Technology Literacy Requirement

The School of Library and Information Science expects entering Master of Information Science students will have a basic level of computer literacy, meaning a familiarity with basic applications that will be used throughout the coursework. S401 Computer-Based Information Tools provides this preparation. M.I.S. students are not required to take this course, but are responsible for the knowledge and skills taught in S401. These include:

- The ability to use applications including spreadsheets, databases, online searching tools, OnCourse, and podcasting and to integrate the use of these tools.
- An understanding of and proficiency in the use of Internet-based tools (SSH, SFTP), and Internet information resources.
- The ability to use the Unix, Mac OS X, and Microsoft Windows computer platforms to create and manipulate documents, and to transfer documents from one platform to the other.
- Familiarity with the basic concepts of online searching and retrieval, including controlled vocabulary, Boolean logic, indexing, search languages, and common bibliographic and full-text databases.
- The ability to use compute tools to communicate and share documents, using tools such as electronic mail, e-mail attachments, LISTSERV, XHTML, and CSS.

It is important that all SLIS students have the knowledge and skills described above. Students who cannot demonstrate the required skills will be advised to take S401 in their second semester.

## Dual Degrees and Specializations (for Master's Students)

In addition to the M.I.S./M.L.S., SLIS offers other joint program options. Dual master's degree programs are available with other units on campus. Admission to a dual-degree program requires separate admission to both SLIS and to the department or school responsible for the other degree. Both degrees must be awarded simultaneously. Students may also pursue formal specializations within their master's degrees.

### Specializations within Master's Degrees

- African Studies Librarianship and M.L.S.
- Archives and Records Management and M.L.S.
- Art Librarianship and M.L.S.
- Chemical Information and M.I.S.
- Chemical Information and M.L.S.
- Children's and Young Adult Services and M.L.S.
- Digital Libraries and M.I.S.
- Digital Libraries and M.L.S.
- Library Technology Management and M.L.S.
- Music Librarianship and M.L.S.
- Rare Books and Manuscripts Librarianship and M.L.S.

### Dual Master's Degree Programs

- M.I.S. and M.L.S. Dual Degree
- African American and African Diaspora Studies (M.A.) and M.L.S.
- African Studies (M.A.) and M.L.S.
- Art History (M.A.) and M.L.S.
- Central Eurasian Studies (M.A.) and M.I.S.
- Central Eurasian Studies (M.A.) and M.L.S.
- Comparative Literature (M.A.) and M.L.S.
- English (M.A.) and M.L.S.
- Folklore and Ethnomusicology (M.A.) and M.I.S.
- Folklore and Ethnomusicology (M.A.) and M.L.S.
- History (M.A.) and M.L.S.
- History and Philosophy of Science (M.A.) and M.L.S.
- Journalism (M.A.) and M.L.S.
- Latin American and Caribbean Studies (M.A.) and M.L.S.
- Law (J.D.) and M.L.S.
- Musicology (M.A.) or Music Theory (M.Music) and M.I.S.
- Public Affairs (M.P.A.) and M.I.S.
- Public Affairs (M.P.A.) and M.L.S.
- Russian and East European Studies (M.A.) and M.I.S.
- Russian and East European Studies (M.A.) and M.L.S.

## African Studies Librarianship Specialization (for M.L.S. Students)

Candidates in this 45 credit hour program will receive the M.L.S. and the Specialization—which will be noted

on the transcript. Applicants must be accepted to the M.L.S. degree program before being considered for the African studies specialization. To obtain the specialization, students must successfully complete the following 27 credit hours of SLIS courses: M.L.S. Foundation courses (15 credit hours + S401), and SLIS electives (12 cr.), to be chosen in consultation with the student's faculty advisor and the IU Libraries African Studies area specialist.

A total of 18 credit hours from African studies must include:

1. G732 Bibliography of Sub-Saharan Africa (3 cr.)
2. E531 and E532 History of Africa I-II (3 cr. each)
3. Y657 African politics (3 cr.)
4. E310 Introduction to the Cultures of Africa (3 cr.)

At least 3 credit hours of electives to be chosen in consultation with the African Studies area specialist in the IU Libraries. The courses from African Studies must be taken for graduate credit. If the applicant's background already contains course work that is judged to cover any or all of the required areas listed above, suitable electives chosen in consultation with the African Studies area specialist may be substituted.

## Archives and Records Management Specialization (for M.L.S. Students)

Candidates in this 36 credit hour program will receive the M.L.S. and the Specialization—which will be noted on the transcript. In consultation with their advisors, students complete the M.L.S. Foundation requirements (15 credit hours + S401), Specialization requirements (18 cr.), and (3 cr.) of electives.

Specialization requirements include:

1. S581 Archives and Records Management (3 cr.)
2. S605 (3 cr. internship working in a position related to archives and records management)
3. At least 12 credit hours from the following list of classes:
  - S582 Preservation
  - S584 Manuscripts
  - S604 Topics in Library and Information Science
  - S685 Electronic Records Management
  - Other courses chosen in consultation with the Specialization Advisor

## Art Librarianship Specialization (for M.L.S. Students)

Candidates in this 36 credit hour program will receive the M.L.S. and the Specialization—which will be noted on the transcript. This specialization is intended for students who do not wish to pursue a master of arts in art history from Indiana University. In consultation with their advisors, Art Librarianship Specialization students complete the M.L.S. foundation requirements (15 cr. + S401), and 21 credits of electives, including the following required courses:

1. FINA A575 Research Sources in Art History (2 cr.)
2. S521 Humanities Information (3 cr.)
3. S651 Art Librarianship (3 cr.)
4. S605 Internship in Library and Information Science (4 cr.)

## Chemical Information Specialization (for M.I.S. Students)

Candidates in this 42 credit hour program will receive the M.I.S. and the Specialization—which will be noted on the transcript. They must meet M.I.S. Foundation requirements (21 cr.) and include the following in their elective courses:

- S533 Online Searching
- S523 Science and Technology Information
- Informatics I571 Chemical Information Technology, or another course on chemical information chosen with the specialization advisor.

Additional courses are to be chosen in consultation with advisors. M.I.S. Candidates for this specialization must have the equivalent of a bachelor's degree in chemistry.

## Chemical Information Specialization (for M.L.S. Students)

Candidates in this 36 credit hour program will receive the M.L.S. and the Specialization—which will be noted on the transcript. They must complete the M.L.S. Foundation courses (15 credit hours + S401), and include the following in their elective courses:

- S533 Online Searching
- S523 Science and Technology Information
- Informatics I571 Chemical Information Technology or another course on chemical information chosen with the specialization advisor.

Additional courses are to be chosen in consultation with advisors. Candidates for this specialization must have the equivalent of a bachelor's degree in chemistry.

## Digital Libraries Specialization (for M.L.S. Students)

Candidates in this 36 credit hour program will receive the M.L.S. and the Specialization, which will be noted on the transcript. They must complete the M.L.S. Foundation courses (15 credit hours + S401) with S503 Representation and Organization as the Organize and Represent Information Resources option—and Specialization requirements (21 cr.)—with the following guidelines, and in consultation with the Specialization Director:

- A. S652 Digital Libraries (3 cr.)
- B. S634 Metadata (3 cr.)
- C. S605 Internship (3 cr.) in Library and Information Science in a position related to digital libraries
- D. Complete a minimum of 12 additional credit hours from the following list of classes:
  - S502 Collection Development and Management, S504 Cataloging (3 cr.)
  - S511 Database Design (3 cr.)
  - S516 Human Computer Interaction (3 cr.)
  - S517 Web Programming (3 cr.)
  - S532 Information Architecture for the Web (3 cr.)
  - S603 Workshop in Library and Information Science (1-3 cr.) Metadata Object Description Schema

- (MODS) Workshop, XML Workshop, Encoded Archival Description (EAD), Digitizing Workshop
- S604 Topics in Library and Information Science Digital Humanities (1-4 cr.)
- S635 Ontologies (3 cr.)
- S636 Semantic Web (3 cr.)
- S637 Information Visualization (3 cr.)
- S656: Information Technology Standardization (3 cr.)—Advanced XML: Electronic Publishing Standards and Systems

Other courses chosen in consultation with the Specialization Director. (Note: Approval in writing or email should be submitted to the SLIS Office for the student academic record.)

## Digital Libraries Specialization (for M.I.S. Students)

Candidates in this 42 credit hour program will receive the M.I.S. and the Specialization—which will be noted on the transcript. Students complete M.I.S. Foundation requirements (21 cr.), and Specialization requirements (21 cr.) with the following guidelines—and in consultation with the Specialization Director:

1. S652 Digital Libraries (3 cr.)
2. S634 Metadata (3 cr.)
3. S605 Internship (3 cr.) in Library and Information Science in a position related to digital libraries
4. A minimum of 9 additional credit hours from the following list of classes:
  - S502 Collection Development and Management (3 cr.)
  - S504 Cataloging (3 cr.)
  - S511 Database Design (3 cr.)
  - S516 Human Computer Interaction (3 cr.)
  - S517 Web Programming (3 cr.)
  - S532 Information Architecture for the Web (3 cr.)
  - S603 Workshop in Library and Information Science (1-3 cr.): Metadata Object Description Schema (MODS) Workshop, XML Workshop, Encoded Archival Description (EAD), Digitizing Workshop
  - S604 Topics in Library and Information Science Digital Humanities
  - S635 Ontologies (3 cr.)
  - S636 Semantic Web (3 cr.)
  - S637 Information Visualization (3 cr.)
  - S656 Information Technology Standardization (3 cr.)—Advanced XML: Electronic Publishing Standards and Systems

Other courses chosen in consultation with the Specialization Director. (Note: Approval in writing or email should be submitted to the SLIS Office for the student academic record.)

## Library Technology Management Specialization (for M.L.S. Students)

Candidates in this 45 credit hour program will receive the M.L.S. and the Specialization—which will be noted on the transcript. They must complete the M.L.S. Foundation

courses (15 credit hours + S401). A Specialization Core (9 cr.) is also required:

- S504 Cataloging (3 cr.)
- S554 Library Systems (3 cr.)
- S533 Online Searching (3 cr.)
- Specialization electives (15 cr.) within the following technology application courses must be chosen in consultation with the student's faculty advisor: S516, S556, S511, S621, S652, S532, S561, up to 6 credit hours of S603, or up to 6 credit hours of outside courses (with approval).
- General SLIS electives for 6 credit hours complete the Specialization. Internships for 3-6 credit hours are available for general SLIS elective S605 credit.

### **Music Librarianship Specialization (for M.L.S. Students)**

This program is intended primarily for students who do not wish to obtain a master's degree in music from IU. (Candidates are advised that a master's degree in music, in addition to an M.L.S., is usually required for positions in music research libraries, especially at institutions offering advanced degrees in music.) The program combines the instructional and professional training resources of the School of Library and Information Science and the Music Library. Applicants are expected to hold at least a bachelor's degree in music from an accredited four-year collegiate institution. Admission into the specialization is a joint decision by SLIS and the Music Specialization Admissions Committee (composed of IU music librarians). Students are encouraged to include a résumé and reference letters from professors of their academic music subjects. It is possible to be admitted to the M.L.S. degree program and not be accepted to the music specialization.

Candidates in this 36 credit hour program will receive the M.L.S. and the Specialization—which will be noted on the transcript. They must complete the M.L.S. Foundation courses (15 credit hours + S401), 12 credit hours of Specialization courses, and 9 credit hours of SLIS Electives.

The Specialization courses are:

- MUS M539 Music Bibliography (3 cr.)
- S605 Internship in Library and Information Science (6 cr.) (P: M539 and S504)—two 3 credit hour internships in one or two areas related to music librarianship (i.e., music cataloging, music collection development, music reference, music technology), approved by the coordinator of the Specialization
- S655 Seminar in Music Librarianship (3 cr.) (P: S504, P or C: M539 or consent of instructor.)

### **Rare Books and Manuscripts Specialization (for M.L.S. Students)**

Candidates in this 36 credit hour program will receive the M.L.S. and the Specialization—which will be noted on the transcript. In consultation with their advisors, students complete the core course requirements (15 cr. + S401), 18 hours of specialization credits, and 3 hours of SLIS electives. They must complete S583 Rare Book Librarianship and 12 hours from the following electives or other courses approved by the director of the specialization:

- S580 History of Libraries (3 cr.)
- S582 Preservation (3 cr.)
- S584 Manuscripts (3 cr.)
- S629 Topics in Information Sources and Services (3 cr.)
- S652 Digital Libraries (3 cr.)
- S680 The Book to 1450 (3 cr.)
- S681 The Book 1450 to the Present (3 cr.)
- S684 Descriptive Bibliography (3 cr.)

Students must also complete S605 for a 3 credit internship working in a position related to rare books or manuscripts. There are limited openings in this highly competitive specialization, which is available only on the Bloomington campus.

### **Master of Information Science (M.I.S.) and Master of Library Science (M.L.S.) Dual Degree**

The SLIS dual M.I.S./M.L.S. master's degrees can be completed with 60 credit hours of course work rather than the 78 credit hours required if the degrees were undertaken separately. In addition to the S401 requirement, students must complete the following according to the guidelines under the individual degrees:

- M.L.S. Foundation credits (15 cr.)
- M.I.S. Foundation courses (21 cr.)
- Electives (24 cr.)

The two degrees must be awarded simultaneously. Students admitted to one degree program may petition in writing for admittance to the second master's degree program. The petition (minimum 500 words) is an update to the original personal goals statement, and should describe academic and career objectives.

### **African American and African Diaspora Studies (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

The dual M.A./M.L.S. program requires completion of a minimum of 58 credit hours of graduate course work. (The degrees, if completed separately, would require 68 credit hours.) Students must apply for admission to the master's programs of both the School of Library and Information Science and the Department of African American and African Diaspora Studies and meet the admissions criteria established for each. The two degrees must be awarded at the same time.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.)
2. Either S521 Humanities Information or S522 Social Sciences Information (3 cr.)
3. SLIS elective courses (12 cr.)

A minimum of 28 credit hours is required in the Department of African American and African Diaspora Studies for the Master of Arts degree. See the University Graduate School Bulletin for specific requirements.

## **African Studies (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

The dual M.A./M.L.S. program requires completion of a minimum of 56 credit hours of graduate course work, rather than the 66 credit hours required if the two degrees are earned separately. Students must apply for admission to the masters programs of both the School of Library and Information Science and the African Studies Program and meet the admissions criteria established for each. The two degrees must be awarded at the same time.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.), with S551 Library Management to fulfill the management and leadership skills requirement.
2. Either S521 Humanities Information or S522 Social Sciences Information (3 cr.).
3. SLIS elective courses (12 cr.).

A minimum of 26 credit hours is required for the Master of Arts degree. Contact the [afirst@indiana.edu](mailto:afirst@indiana.edu) for details.

## **Art History (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

This program is designed to prepare students for professional library and information specialist positions in fine arts and related libraries and information centers. The program requires a minimum of 60 credit hours of graduate course work including a comprehensive set of required courses and overlapping electives. Students must apply for admission to the master's programs of both the School of Library and Information Science and the School of Fine Arts/History of Art and meet the admission criteria established for each. The two degrees must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr. hours).
2. Other required SLIS courses (9 cr.): S521 Humanities Information, S651 Art Librarianship, and S605 Internship in Library and Information Science.
3. SLIS elective courses (6 cr.) chosen from among S533 Online Searching, S532 Information Architecture for the Web, S652 Digital Libraries, or S633 Indexing.

At least 30 credit hours in the School of Fine Arts are required. Course work must include A575 and no fewer than two seminars in two areas. Also required are four lecture courses at the 400 and 500 levels, at least two of which must be in Western art. See specific requirements under [Art History](#) in the University Graduate School Bulletin.

## **Comparative Literature (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

This program prepares candidates for positions in academic, research, and other libraries with a humanities orientation. The total program consists of at least 50 graduate credit hours. Students must apply for admission

to the master's programs of both the School of Library and Information Science and the Department of Comparative Literature and meet the admission criteria established for each. The two degrees must be awarded simultaneously. In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. At least 15 credit hours of SLIS elective courses appropriate to the student's background and interests.

At least 20 graduate credit hours are required in comparative literature course work. The Department of Comparative Literature requires certification in at least two foreign languages, which does not count toward the 20 credit hour total required for the degree. Emphasis in the course work may be in Western literatures, East-West relations studies, Third World literatures, film studies, or studies of the interrelations of the arts (literature, music, the visual arts). For specific requirements see the entry for the Department of Comparative Literature in the University Graduate School Bulletin.

## **English (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

Study for these two degrees can be combined for a total of 54 credit hours rather than the 66 credit hours required for the two degrees taken separately. Admission to each of the two master's programs is approved separately on the same basis as for applicants not in the dual program. The two degrees must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. SLIS S521 Humanities Information (3 cr.).
3. SLIS elective courses (12 cr.).

A minimum of 24 credit hours is required in the Department of English. All students must fulfill the core requirements as outlined in the English Department's Master of Arts with Concentration in Literature or Special Field Master of Arts degree requirements. No thesis or examination is required for the M.A. in English. The M.A. in English does require reading proficiency in one of the following languages: French, German, Greek, Italian, Latin, Russian, Spanish. Consult the University Graduate School Bulletin for additional details on the M.A. in English.

## **Folklore and Ethnomusicology (M.A.) and Master of Information Science (M.I.S.) Dual Degree**

Study for these two degrees can be combined for a total of 57 credit hours rather than the 72 credit hours required for the two degrees taken separately. Students take at least 36 graduate credit hours in information science, and at least 21 credit hours in folklore and ethnomusicology. To graduate under the dual-degree option, the two degrees must be awarded simultaneously.

- **Master of Information Science** (36 cr.): 21 credit hours of required M.I.S. Foundation courses, 15 credit hours of SLIS Elective courses.
- **Master of Arts in Folklore and Ethnomusicology** (21 cr.): consult the Department of Folklore and Ethnomusicology.

Students must apply for admission to the master's programs of both the School of Library and Information Science and the Department of Folklore and Ethnomusicology. Admissions criteria established for each program must be met. For specific M.A. requirements, see the University Graduate School Bulletin.

### **Folklore and Ethnomusicology (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

Study for these two degrees can be combined for a total of 51 credit hours rather than the 66 credit hours required for the two degrees taken separately. Students take at least 30 graduate credit hours in library and information science, and at least 21 credit hours in folklore and ethnomusicology. To graduate under the dual-degree option, the two degrees must be awarded simultaneously.

- **Master of Library Science** (30 cr.): 15 credit hours of required M.L.S. Foundation courses, plus 15 credit hours of SLIS Elective courses. The S401 prerequisite is also required.
- **Master of Arts in Folklore and Ethnomusicology** (21 cr.): Consult the Department of Folklore and Ethnomusicology.

Students must apply for admission to the master's programs of both the School of Library and Information Science and the Department of Folklore and Ethnomusicology. Admissions criteria established for each program must be met. For specific M.A. requirements, see the University Graduate School Bulletin.

### **History (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

Interest in public history, genealogy, historic preservation, and archives and museum administration creates a demand for professionals with expertise in both historical research and information management. The dual M.L.S./M.A. in history program requires completion of a minimum of 50 credit hours of graduate course work. Students must apply for admission to the master's programs of both the School of Library and Information Science and the Department of History and meet the admission criteria established for each. The two degrees must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. Other required SLIS courses (9 cr.): S581 or S584, S605, and S521 or S522.
3. SLIS elective courses (6 cr.).

A minimum of 20 credit hours is required in the Department of History for the Master of Arts degree. For specific requirements, see the entry for the Department of History in the University Graduate School Bulletin.

### **History and Philosophy of Science (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

This program meets the growing demand for information professionals with a scientific academic specialty and prepares students for a variety of positions in library, research, and archival settings. The program consists of a minimum of 51 credit hours for both degrees. Students must apply for admission to the master's programs of both the School of Library and Information Science and the Department of History and Philosophy of Science and meet the admission criteria established for each. The two degrees must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. Other required SLIS courses (9 cr.): S581 or S584, S523, and S605.
3. SLIS elective courses (6 cr.).

A minimum of 21 credit hours is required in the Department of History and Philosophy of Science for the Master of Arts degree. For specific requirements, see the University Graduate School Bulletin.

### **Journalism (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

The dual M.L.S./M.A. in journalism program provides excellent preparation for professional library and information specialist positions in news media and in corporate, academic, and public libraries. The program consists of a minimum of 51 credit hours for both degrees. Students must apply for admission to the master's programs of both the School of Library and Information Science and the School of Journalism and meet the admission criteria established for each. The two degrees must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. Other required SLIS courses (9 cr.): S533, S525, and either S521 or S522.
3. SLIS elective courses (6 cr.).

A minimum of 21 credit hours is required in journalism. For specific requirements contact the School of Journalism, and consult the University Graduate School Bulletin.

### **Latin American and Caribbean Studies (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

The School of Library and Information Science and the Center for Latin American and Caribbean Studies jointly offer a three-year program that qualifies students for two master's degrees. Study for these two degrees in the dual program (M.A./M.L.S.) can be completed in a total of 51 credit hours rather than the 66 credit hours that would otherwise be required for the two degrees taken separately. Students must apply for admission to the master's programs of both the School of Library

and Information Science and the Latin American and Caribbean Studies Department and meet the admissions criteria established for each. The two degrees must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. Other required SLIS courses (9 cr.): S533, S605 (internship under the supervision of the Latin American Bibliographer—or equivalent experience), and S629 (Topic: Latin American Bibliography). If this course is not offered, students may elect to take a SLIS advanced reference course (S521, S522, S523, S525, or S526) with their course project oriented towards Latin American materials.
3. SLIS elective courses (6 cr.).

Students take 21 credit hours of advanced courses relating to Latin American and Caribbean Studies (LTAM). The interdisciplinary seminar (3 cr.) must be taken, together with 18 credit hours in other LTAM courses or those Latin American and Caribbean Studies courses that are cross-listed with other departments. All other requirements for completion of the Latin American Studies M.A., including language proficiency and thesis or oral examination, remain as listed in the University Graduate School Bulletin.

### **Law (J.D.) and Master of Library Science (M.L.S.) Dual Degree**

The dual M.L.S./J.D. program is intended for students who want to enter law librarianship, in which the law degree is usually required for top positions, and for students who want to enter the legal profession with the training and ability to do their own legal bibliography and research. Students must be admitted to both the School of Library and Information Science and the I.U. School of Law. Simultaneous application to the two schools is strongly recommended. The two degrees must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. Other required SLIS courses (6 cr.): S654 and S525.
3. SLIS elective courses (9 cr.), of which S533 and S640 are particularly appropriate.

A minimum of 79 credit hours is required from the School of Law. For specific requirements see the entry for the dual M.L.S./J.D. program in the IU School of Law Bulletin.

### **Musicology (M.A.) or Music Theory (M.Music) and Master of Library Science (M.L.S.) Dual Degree**

The dual-degree program combines an M.L.S. with an M.A. in musicology or an M.M. in music theory. It combines the advantages of top-ranked graduate programs in library and information science and in music, and the librarians and professional staff of one of the country's largest music libraries. Through enrollment in these curricula, students may earn two master's

degrees by a combination of work in the School of Library and Information Science (SLIS) and the School of Music amounting to approximately 60 credit hours (6 cr. are shared between the two degrees). Applicants are expected to hold at least a bachelor's degree in music from an accredited four-year collegiate institution. For this program, students must apply for admission to both schools and the Music Librarianship Specialization and meet the admission criteria established for all three. (The admissions committee for the specialization consists of the IU music librarians.) Degrees from both schools must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

- M.L.S. Foundation courses (15 cr.).
- MUS M539 Introduction to Music Bibliography (3 cr.).
- SLIS S605 (6 cr.) (P: M539, S504). Two Internships (3 cr. each) in one or two areas related to music librarianship (e.g., music cataloging, music collection development, music reference, music technology), approved by the coordinator of the Music Librarianship Specialization.
- SLIS S655 Music Librarianship (3 cr.) (P: M539, P or C: S504 or consent of instructor).
- SLIS elective courses (3 cr.).

For the requirements for the M.A. in musicology or the M.M. in music theory, see the University Graduate School Bulletin and the [School of Music Bulletin](#).

### **Public Affairs (M.P.A.) and Master of Information Science (M.I.S.) Dual Degree**

The dual M.I.S./M.P.A. program addresses the demand for information specialists with public management and problem-solving skills. The program requires completion of a minimum of 69 credit hours of graduate course work. Students must apply for admission to the master's programs of both the School of Library and Information Science and the School of Public and Environmental Affairs (SPEA) and meet the admission criteria established for each. The two degrees must be awarded simultaneously.

Requirements for the Master of Information Science degree (33 credit hours) are:

1. M.I.S. Foundation course requirements (21 cr.).
2. SLIS elective courses (12 cr.).

A minimum of 36 credit hours is required in SPEA. For specific requirements see the entry for the dual M.I.S./M.P.A. program in the School of Public and Environmental Affairs Graduate Programs Bulletin.

### **Public Affairs (M.P.A.) and Master of Library Science (M.L.S.) Dual Degree**

The dual M.P.A./M.L.S. program addresses the demand for information specialists with public management and problem-solving skills. The program requires completion of a minimum of 66 credit hours of graduate course work. Students must apply for admission to the master's programs of both the School of Library and Information Science and the School of Public and

Environmental Affairs (SPEA) and meet the admission criteria established for each. The two degrees must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. SLIS elective courses (15 cr.).

A minimum of 36 credit hours is required in SPEA. For specific requirements see the entry for the dual M.L.S./M.P.A. program in the School of Public and Environmental Affairs Graduate Programs Bulletin.

### **Russian and East European Studies (M.A.) and Master of Information Science (M.I.S.) Dual Degree**

Study for the two degrees can be combined for a total of 60 credit hours rather than the 72 credit hours required for the two degrees taken separately.

Requirements for the Master of Information Science degree (36 credit hours) are:

1. M.I.S. Foundation course requirements (21 cr.).
2. SLIS elective courses (15 cr.), not including SLIS S605 and REEI R620 (SLIS S629), which are considered part of the Russian and East European Studies degree, chosen in consultation with the advisor.

Students take 24 credit hours in Russian and East European Studies, including R600, R601, R620, four area studies courses (one each from the social science group, the historical/ geographical group, the sociocultural group, and the literature group), SLIS S605 (in an area pertinent to REEI), and complete all other requirements for the Russian and East European Studies M.A., including the language proficiency exam, M.A. essay, and oral defense.

Application for admission to the dual M.A./M.I.S. degree program must be made to the School of Library and Information Science for study toward the Master of Information Science and to the Russian and East European Institute for study toward the Master of Arts degree. Applicants must be accepted by both degree programs. The student must select an M.A. essay committee of three faculty members representing both REEI and the School of Library and Information Science. Both degrees will be awarded simultaneously. Consult the University Graduate School Bulletin for REEI details.

### **Russian and East European Studies (M.A.) and Master of Library Science (M.L.S.) Dual Degree**

Study for the two degrees can be combined for a total of 54 credit hours rather than the 66 credit hours required for the two degrees taken separately.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. SLIS electives (15 cr.), not including SLIS S605 and REEI R620 (SLIS S629), which are considered part

of the Russian and East European Studies degree, chosen in consultation with the advisor.

Students take 24 credit hours in Russian and East European Studies, including R600, R601, R620, four area studies courses (one each from the social science group, the historical/ geographical group, the sociocultural group, and the literature group), SLIS S605 (in an area pertinent to REEI), and complete all other requirements for the Russian and East European Studies M.A., including the language proficiency exam, M.A. essay, and oral defense.

Application for admission to the dual M.A./M.L.S. degree program must be made to the School of Library and Information Science for study toward the Master of Library Science and to the Russian and East European Institute for study toward the Master of Arts degree. Applicants must be accepted by both degree programs. The student must select an M.A. essay committee of three faculty members representing both REEI and the School of Library and Information Science. Both degrees will be awarded simultaneously. Consult the University Graduate School Bulletin for REEI details.

### **Children's and Young Adult Services Specialization (for M.L.S. Students)**

Candidates in this 36 credit hour program will receive the M.L.S. and the Specialization—which will be noted on the transcript. In consultation with their advisors, students complete the M.L.S. Foundation requirements (15 credit hours + S401) with S553 Public Library management as the Apply Management and Leadership Skills option. The Specialization requirements (21 cr.) must be distributed as follows:

A. Students must take the following three courses (9 cr.):

1. S571 Materials for Youth
2. S572 Youth Services
3. S672 Seminar on Literature for Youth

B. Students complete six credit hours of the following elective courses:

1. S532 Information Architecture for the Web
2. S541 Information Policy
3. S603 Workshops (Electronic Materials for Children; Storytelling; Emergent Literacy; others with consent of advisor)
4. S605 Internship in Library and Information Science Internship must be approved by the Director of the Specialization
5. S621 Audio and Video Sources
6. S622 Resources and Services for People with Disabilities
7. S640 Seminar in Intellectual Freedom (The course includes issues related to challenges to materials included in youth collections, privacy, and First Amendment rights, and the library principles that support confidential access to information.)

New courses may be added to this list with the approval of the Director of the specialization. (Note: Approval in writing or email should be submitted to the SLIS Office for the student academic record.)

C. Complete six credit hours of electives in consultation with the Director of the specialization.

### Central Eurasian Studies (M.A.) and Master of Information Science (M.I.S.) Dual Degree

Study in the dual degree program allows students to complete the M.A. and M.I.S. with a total of 60 credit hours rather than the 72 hours that would be required to take the two degrees separately. Students take at least 24 credit hours in CEUS and at least 36 graduate credit hours in library and information science. Under this program, the two degrees must be awarded simultaneously.

Requirements for the Master of Information Science degree (36 credit hours) are:

1. M.I.S. Foundation course requirements (21 cr.).
2. SLIS elective courses (15 cr.).

### Central Eurasian Studies (M.A.) and Master of Library Science (M.L.S.) Dual Degree

Study in the dual degree program allows students to complete the M.A. and M.L.S. with a total of 54 credit hours rather than the 66 hours that would be required to take the two degrees separately. Students take at least 24 credit hours in CEUS and at least 30 graduate credit hours (plus S401) in library and information science. Under this program, the two degrees must be awarded simultaneously.

In addition to the SLIS S401 prerequisite, the requirements for the Master of Library Science (30 credit hours) are:

1. M.L.S. Foundation courses (15 cr.).
2. SLIS elective courses (15 cr.).

## State Certifications

- School Library/Media and Information Technology Certification
- Public Library Certification

## Public Library Certification

This is a certification by the State of Indiana that can be completed within the credit hours of the Master of Library Science.

Students who desire certification for positions in Indiana public libraries must meet the requirements established by the State Library Certification Board. For complete information, contact the Indiana Library Certification Board, Indiana State Library, 140 N. Senate, Indianapolis, IN 46204; phone, 1-800-451-6028.

The board lists two kinds of education in determining the grade of certificate granted:

*Accredited library education* is described as completion of graduate study in an accredited program and validated by a diploma. This level relates to the higher grades of certification: Librarian I, II, or III. Librarian I and II levels have experience as well as educational components. Librarian III is the minimum grade for heads of libraries serving populations of 10,001 to 25,000 and for comparable positions as determined by the library

certification board. The Master of Library Science degree from Indiana University meets this requirement.

*Approved library education* is defined as elementary instruction in library science taken after completion of a prescribed period of undergraduate education. Approved library education requires specified amounts of study in library science and relates to the lower grades of Indiana library certificates. Two levels of approved education are recognized:

- Intermediate library education requires a bachelor's degree and at least 15 credit hours of library science courses. This meets the requirements for Librarian IV, which is the minimum grade for heads of libraries serving populations of 5,001 to 10,000 and for comparable positions as determined by the library certification board. The following courses at Indiana University meet the intermediate library education requirement for Librarian IV: S501, S502, S504, S551, S571.
- Minimum library education requires at least two years of undergraduate education and at least 9 credit hours of library science courses. This meets the Librarian V level, which is the minimum grade for heads of libraries serving populations of 5,000 or fewer and for comparable positions as required by the library certification board. The following courses at Indiana University meet the minimum library education requirement for Librarian V: S501, S502, S551.

Students wishing to meet Indiana public library certification requirements must meet all requirements for and be admitted to the M.L.S. degree program.

## School Library/Media and Information Technology Certification

This is a certification by the State of Indiana that can be completed within the credit hours of the Master of Library Science.

Students must meet the graduate admission requirements for the School of Library and Information Science. Courses successfully completed may also count toward the 36 credit Master of Library Science, accredited by the American Library Association. Students who want to complete the M.L.S. degree should be careful to follow the M.L.S. curriculum requirements. Check the [SLIS Web site](#) for details. Individuals who hold a valid teaching license may add the certification for Teacher of Library Media (K-12) with emphasis in school media information technology by successfully completing the following 27 credits with grades of B or higher.

**Required SLIS courses for the certification**  
(27 credit hours plus S401):

(18 credit hours)

- S501 Reference
- S504 Cataloging
- S571 Materials for Youth
- S574 Information Inquiry for School

### Teachers

- S671 School Media

- S605 Internship in Library and Information Science
- 9 SLIS credit hours in instructional technology and/or information technology must also be completed. Approved options include: S516, S554, S556, S511, S621, S573, S533, S532, and S652. Students may also take S603 Workshops in Library and Information Science such as web graphics, XML, UNIX, Perl/CGI, video production, grant writing, electronic materials for children and young adults, and collaboration for high tech learning; S604 Special Topics in Library and Information Science such as digital collections, media resources, and advanced internet and web design; and, S629 Topics in Information Sources and Services such as information sources and technologies for patrons with special needs.

**Note:** To fulfill MLS requirements, S502, one of the research/evaluation courses (S506, S519, S505) and one elective are necessary.

- Individuals who do not hold a valid teaching license may establish one in the area of Teacher of Library Media by completing the above 27 credits and generally 15 additional required credits from the School of Education. (Consult with the School of Education for specifics.) They must also pass the national teacher exams, including the specialization in school media, and successfully complete student teaching in school media, which includes 5 credits in a secondary school and 5 credits in an elementary school.

## Graduate Certificate in Information Architecture

This is a SLIS certificate program.

The professional role of the information architect encompasses project management and the organization of work flows within a team-based approach to the design of information structures. Coursework must be completed within three (3) years of entering the certificate program. No credits may be transferred from another graduate or undergraduate program in order to satisfy the requirement for 18 credit hours of coursework. The student must maintain a GPA of 3.2 on a 4.0 scale with a minimum course grade of B. Any course in which the student earns a grade of less than B must be repeated to remain in the certificate program.

Students must complete 18 graduate credit hours; credits counted toward another degree may not be applied toward the Certificate.

Required courses include:

- S512 Information Systems Design (3 cr.)
- S515 Information Architecture (3 cr.)
- S516 Human-Computer Interaction (3 cr.)
- S556 Systems Analysis and Design (3 cr.)
- S633 Indexing (3 cr.)
- S690 Capstone in Information Architecture (3 cr.)

If a student has completed equivalent graduate coursework in one or more of the required content areas prior to admission to the program, this coursework may be applied to satisfy content requirements for the certificate. The student may then select from a list of elective courses

to meet the 18 credit hours of coursework required for the certificate.

Elective courses include:

- S503 Representation and Organization (3 cr.)
- S511 Database Design (3 cr.)
- S513 Organizational Informatics (3 cr.)
- S517 Web Programming (3 cr.)
- S519 Evaluation of Information Systems (3 cr.)
- S520 Information Seeking and Use (3 cr.)
- S561 User Interface Design for Information Systems (3 cr.)
- S603 Workshop in Library and Information Science (1-3 cr.)
- S604 Topics in Library and Information Science (1-4 cr.)
- S634 Metadata (3 cr.)
- S635 Ontologies (3 cr.)
- S636 Semantic Web (3 cr.)
- S637 Information Visualization (3 cr.)
- S643 The Information Industry (1-3 cr.)
- S661 Concepts and Contemporary Issues in Human-Computer Interaction (3 cr.)
- CSCI A548 Mastering the World Wide Web
- INFO B659 Topics in Artificial Intelligence: Web Mining
- BUS S531 Advanced Web Applications Development

## Specialist in Library and Information Science

The candidate for the Specialist degree must complete 30 credit hours of graduate course work, of which at least 15 must be taken from the SLIS curriculum. The additional 15 credit hours may be taken in another school or department of Indiana University. The student's program should be planned in consultation with the SLIS advisor to meet the student's academic and professional goals. Students must complete the degree requirements within a period of five years.

A maximum of 6 graduate credit hours from another accredited university may, in certain limited circumstances and with the permission of the dean, be applied to the Specialist degree. Outside courses are warranted only when they are relevant to the student's career objectives. Ordinarily, permission for such outside course work must be obtained before enrolling in the course. The course must be completed with a grade of B or higher, must not be applied to another degree, and must be taken within the five-year time frame allowed for completion of the degree.

A research project or thesis is not required, but students may receive up to 6 hours of credit by completing such work. An average grade of at least B (3.0) must be achieved in all graduate work taken. SLIS S401 Computer-Based Information Tools is a prerequisite for many of our courses.

## Doctor of Philosophy in Information Science (Ph.D.)

The Ph.D. program in SLIS prepares the next generation of Information Science (IS) scholars to conduct research

of the highest quality that will advance basic and applied knowledge about the design, use, management, and evaluation of information systems in all segments of society. The program adopts an interdisciplinary approach that integrates perspectives and research methodologies from information science with those of the behavioral sciences. The Ph.D. program emphasizes research experience, the development of theoretical understandings and methodological skills, and public discussion and dissemination of research findings.

### Goals and Objectives for the Ph.D. Program

The school has identified the following goals for the Doctor of Philosophy in Information Science:

1. To promote a common understanding of the research process and what constitutes scholarly research.
2. To prepare scholars who are able to identify and conceptualize significant research problems.
3. To train scholars who are able to produce relevant research and who have the overall potential for contributing new knowledge to the field.
4. To prepare students for professional roles as researchers, teachers, and consultants in both academic and nonacademic settings.

Upon completion of their Ph.D. program, doctoral students should be able to:

1. Demonstrate their ability to generate original research that meets the scholarly standards of the field.
2. Communicate the findings of their work, orally and in writing, in a clear, convincing fashion to other scholars in this and related disciplines.

### Ph.D. Program Requirements

Details about doctoral program requirements are available in the School of Library and Information Science Ph.D. Handbook. The following outline summarizes these requirements.

#### Course Credits

Every doctoral student at Indiana University is required to complete a minimum of 90 credit hours in an advanced course of study. At least 60 of the 90 credit hours must be taken at the Bloomington (IUB) or Indianapolis (IUPUI) campuses of Indiana University. Up to 30 earned credit hours from a recognized graduate program may be transferred toward the doctoral program if they meet time limit requirements and are relevant to the student's area of doctoral studies. All course work, with the exception of dissertation credits, must be completed within seven years of matriculation.

#### Coursework

A committee of three or more faculty members will advise the doctoral student regarding coursework, annual progress reports and preparations for the qualifying examination. Two members of the advisory committee must be from SLIS and one from the student's outside minor. At least two members of the committee, including the chair, must be members of the University Graduate School faculty.

Doctoral students must complete 22 credit hours of SLIS courses:

- S701 Introduction to Doctoral Research in Information Science (6 cr.)
- S702 Doctoral Research Practicum I (2 cr.)
- S703 Doctoral Research Practicum II (2 cr.)
- S710 Doctoral Research Practicum III (3 cr.)
- Three sections of S764 Seminar in Information Science (total 9 cr.)

Up to 15 credit hours of S799 Ph.D. Thesis may be counted toward the 90 credit hours required for the Ph.D.

The doctoral student must also complete a research skills requirement consisting of 9 credit hours of basic and advanced research coursework: one graduate level statistics course (3 cr.) and two advanced courses (3 cr. each) in graduate-level statistics, research methods, or research design.

A minimum of 21 credit hours of graduate coursework, approved by the student's advisory committee, must be completed in the student's major area. (The requirement for three sections of S764 may be counted toward the total 21 credit hours for the major.) Doctoral students must also complete an outside doctoral minor in a school, department, or program approved by the University Graduate School. Minimum course requirements and examination procedures for the outside doctoral minor are determined by the school, department, or program offering the minor.

#### Qualifying Examination

The qualifying examination requires the doctoral student to investigate an area in depth, to provide a written report of the findings of this investigation and to present the report in a public defense. In order to defend the qualifying examination, the student must have completed a minimum of 75 credit hours of graduate coursework and must have satisfied all required coursework, including the outside minor.

After passing the qualifying examination, the student will be nominated to candidacy. Following admission to candidacy and until the dissertation has been successfully defended, doctoral candidates must register for at least one credit hour each semester (excluding summer sessions) in order to maintain active student status.

#### The Dissertation

A research committee consisting of at least four faculty members will guide the student through the research, writing and final defense stages of the dissertation process. Three members of the research committee must be from SLIS. All committee members must be members of the University Graduate School faculty; at least two members (including the chair of the research committee) must be endorsed to direct doctoral dissertations. The dissertation must be completed and successfully defended within seven years of admission to candidacy.

### Doctoral Minor in Information Science

In accord with the regulations of the University Graduate School, SLIS offers an outside doctoral minor in IS. Students from other schools, departments and programs who choose the doctoral minor in IS will be required to complete a minimum of 12 hours of graduate credit in

SLIS. For inquiries about the doctoral minor in IS, contact the director of the SLIS doctoral program.

## Courses

- Summer Sessions

Note: The abbreviation “P” refers to the course prerequisite or prerequisites. “C” refers to courses that should be taken concurrently. Undergraduate courses are marked by the sign\*.

Note: S401 is required of all M.L.S. students, and is optional for M.I.S. students.

### Undergraduate Courses

#### SLIS–L 150 Information Sources in

**Telecommunications (1 cr.)** Designed specifically for undergraduates who are premajors or majors in telecommunications and who are required to complete a research project or term paper. Training in use of computerized database systems, as well as selection and use of advanced reference sources. Graded on a Pass/Fail basis.

#### SLIS–L 161 Library Skills and Resources (1 cr.)

Designed for undergraduates. Techniques and skills for researching term papers, speeches, and other library projects.

#### SLIS–L 416 Individual in the Information Age (3 cr.)

Focuses on emerging information and communication technologies, identifying political, social, and economic trends that have major impact on information sources and access. Students are encouraged to explore individual approaches to the information concepts and issues, understood in a social context.

#### SLIS–S 401 Computer-Based Information Tools (3 cr.)

Graded S/F. This skills-based course introduces basic applications that will be used throughout the student's course work and beyond. Students' experiences in this course should be seen as a basis for further skill development and learning throughout their careers. The course covers computing platforms, access tools, and management tools. Demonstration of skills will be by a mastery test or an assignment in each unit of the course. S401 does not count toward graduate degree requirements. Master of Library Science degree students are required to complete S401 within their first 9 credit hours.

### Graduate Courses

**SLIS–S 501 Reference (3 cr.)** P: S401. C: S401. This course introduces students to the basic information sources and services among different types of libraries and information centers, including academic, public, special, and school media.

#### SLIS–S 502 Collection Development and Management (3 cr.)

Collection Development and Management examines the principles and techniques that guide the development, management, and evaluation of library collections and the selection of materials in various types of libraries. The course provides students with experience in the major phases involved in starting and developing collections of print and non-print materials: the formulation of collection development plans, the selection of materials, and the evaluation and preservation of library collections. It enables students to recognize

and respond to challenges and opportunities of special interest to collection developers including changes in the production and distribution of information resources, issues of access and ownership, intellectual freedom, copyright, and resource sharing.

#### SLIS–S 503 Representation and Organization (3 cr.)

Introduces students to various disciplines' approaches to the understanding, organization, representation (summarizing), and use of knowledge and information. This survey looks for commonality among the approaches taken in information science, cognitive psychology, semiotics, and artificial intelligence, among others. The goal is to identify criteria for evaluation and improvement of ways to organize and represent information for future retrieval. Information systems currently used in libraries and information centers will be studied as examples. Emphasis in the course is on concepts and ideas, with appropriate attention to terminology and technology.

#### SLIS–S 504 Cataloging (3 cr.)

P: S401. Historical development and principles essential to the understanding of the conceptual foundations of providing bibliographic access and control of materials and information. Discussion and examples in the application of AACR2r will be presented to illustrate and reflect current practice. Emphasis is on monographic publications.

#### SLIS–S 505 Evaluation of Resources and Services

**(3 cr.)** P: S502. Examines the applied evaluation of library resources and services, including collections, document delivery, technical services, reference services, and overall library performance. Emphasis is placed on the available methods and methodological issues. The checklist method, availability studies, document delivery tests, use studies, applied bibliometrics, and the use of automation are covered.

#### SLIS–S 506 Introduction to Research (3 cr.)

P: S401, completion of 9 credit hours in SLIS, or consent of instructor. The research process, including concepts, design, conduct, and evaluation. Principles and characteristics of approaches and methodologies relevant to research in the field. Examples of data sources and introduction to methods of statistical description and analysis; ethical issues.

#### SLIS–S 510 Introduction to Information Science

**(3 cr.)** Information science students are introduced to the dynamic and shifting information professions, complex organizations, and emerging careers in the field. Issues in information management, user-oriented systems design, socio-technical concepts, and usability are major themes for the course.

#### SLIS–S 511 Database Design (3 cr.)

P: S401 or consent of instructor. Concerned with a comprehensive view of the processes involved in developing formal access to information from a user-centered point of view. Considers various database models such as flat file, hierarchical, relational, and hypertext in terms of text, sound, numeric, image, and geographic data. Students will design and implement databases using several commercial database management systems.

#### SLIS–S 512 Information Systems Design (3 cr.)

P: S515 and S532. Students identify, design, and implement a significant information design project, such as the redesign of a complex Web site for a local business,

library, or nonprofit. Principles and practices of project management are discussed in the context of team-based web site redesign.

**SLIS-S 513 Organizational Informatics (3 cr.)**

Introduces information, technology, and social behavior in the organizational context. Concepts of organization theory, organization behavior, knowledge and information management, and organizational intelligence provide a critical foundation for managing information, people, and information and communication technologies in rapidly changing and dynamic environments.

**SLIS-S 514 Computerization in Society (3 cr.)** Surveys social consequences of computerization when it is shaped and used by business, public agencies, and individuals.

**SLIS-S 515 Information Architecture (3 cr.)** Effective information system design integrates knowledge of formal structures with understanding of social, technological, and cognitive environments. Drawing from a range of disciplines, this course investigates how people represent, organize, retrieve, and use information to inform the construction of information architectures that facilitate user understanding and navigation in conceptual space.

**SLIS-S 516 Human-Computer Interaction (3 cr.)**

Examines the human factors associated with information technology and seeks to provide students with knowledge of the variables likely to influence the perceived usability, and hence the acceptability, of any information technology. In so doing it will enable students to progress further towards specialist's work in the important field of human-computer interaction.

**SLIS-S 517 Web Programming (3 cr.)** P: S401 or consent of instructor. The main focus of this course is to instruct students to develop and implement dynamic and interactive web applications. In order to do so, students will learn the basics of an open source programming language both through lectures and hands-on exercises in the lab.

**SLIS-L 518 Communication in Electronic**

**Environments (3 cr.)** Examines conceptual perspectives on information in organizations, covering topics such as types of information, information activities, organizational culture and information technology, communication as information flow, obtaining and using information from the environment, managing information in specialized extended communities, and ethical and quality issues. Focus varies by type of community studied. May be repeated for credit when the topic varies.

**SLIS-S 519 Evaluation of Information Systems (3 cr.)**

P: S401 and 6 SLIS graduate credit hours. Theoretical and practical exploration of the issues surrounding contemporary information systems. A specific focus will be on evaluating information systems from the user perspective. This evaluation approach will cut across disciplinary frameworks: behavioral, cognitive, and social sciences. The approach will also touch on multiple research methods: online surveys, sense-making, critical incident, and network analysis.

**SLIS-S 520 Information Seeking and Use (3 cr.)**

P: S401 and 6 SLIS graduate credit hours. This course introduces students to the concepts of information analysis from a human perspective, focusing particularly on the

theoretical models and practical techniques that underpin the field. Sociological and psychological perspectives will be examined in order to develop an approach to the assessment of users' information needs.

**SLIS-S 521 Humanities Information (3 cr.)** P: S501, or consent of instructor. Introduction to information sources and services in the disciplines of performing arts, music, fine arts, literature, language, philosophy, and religion. In addition, the course addresses information needs and behavior patterns of users seeking these types of information.

**SLIS-S 522 Social Science Information (3 cr.)**

P: S401, S501, or consent of instructor. Study of the core information tools in the fields of anthropology, economics, history, political science, psychology, and sociology. Includes key bibliographic databases and electronic network tools. Evaluation of research dealing with information channels in these fields.

**SLIS-S 523 Science and Technology Information (3 cr.)**

P: S501. C: S501. General materials, reference books, periodicals, government documents, nonbook media in the individual literature of individual disciplines; patents and report literature. Examination of production, publication, distribution, and forms of scientific and technical literature.

**SLIS-S 524 Adult Readers Advisory (3 cr.)**

P: S501. A review and discussion of trends reflected in subject content and use of book and nonbook materials for patrons in secondary school and public libraries in relation to changing young adult and adult needs, and the role of libraries in meeting such needs.

**SLIS-S 525 Government Information (3 cr.)**

P: S501. Survey of government information dissemination in all formats and at all levels of government. Consideration of government information policy. Primary emphasis given to U.S. government information but with some consideration given to state and local publications in the United States, and those of international organizations.

**SLIS-S 526 Business Information (3 cr.)**

P: S501, or consent of instructor. Introduction to basic business materials. Includes resources, research methods, current developments, automated systems, and databases.

**SLIS-S 531 Advanced Cataloging (3 cr.)**

P: S504. Principles, development, characteristics, and internal structures of subject access systems. Evaluation of the strengths and weaknesses of the major classification schemes and current subject heading systems.

**SLIS-S 532 Information Architecture for the Web (3 cr.)**

P: S401. Focuses on Web site development. Students study information architecture as an approach for site organization and design, and learn about project management for complex web development tasks. In lab sessions, students work with advanced markup languages and scripting and develop sites, typically for real clients.

**SLIS-S 533 Online Searching (3 cr.)**

P: S401 or consent of instructor. Principles, methods, and techniques of advanced online information retrieval (IR). Characteristics of, and search strategies for, the use of bibliographic, referral, citation, fact, numeric, and full text databases and search systems. Considers standards, use of

communications software, front-ends and micro-based IR systems, and creation of in-house databases.

**SLIS-S 534 Information Retrieval: Theory and Practice (3 cr.)** Introduces basic information retrieval (IR) theory and examines cutting-edge IR research in order to gain insights into how theory can be applied to practice. After learning about IR models, classification, clustering, Web IR, and fusion IR, students will explore how these IR methods can be employed in working IR systems to enhance the retrieval outcome.

**SLIS-S 541 Information Policy (3 cr.)** Data creation, publication, dissemination, and use occur in a complex social context. Legal and regulatory structures continue to evolve to control these processes. This course explores international and U.S. principles, laws, and regulations affecting the information industry. Focus varies with the topic; for example, copyright of electronic information sources or transborder data flow. May be repeated for credit when topic varies.

**SLIS-S 542 International Information Issues (3 cr.)** Comparison of information policies, information standards, and library systems as they affect commercial, scholarly, scientific, and political information contexts.

**SLIS-S 543 Computer-Mediated Communication (3 cr.)** Computer-mediated communication (CMC) is human-to-human interaction via computer networks such as the Internet. This course examines potentials and constraints of several types of CMC, and considers how content and dynamics are influenced by the systems' technical properties and the cultures that have grown up around their use.

**SLIS-S 544 Gender and Computerization (3 cr.)** This course explores the relationship between information communication technologies (ICTs) and the gender of the people who design, use, administer, and make policy concerning computer systems and computer networks such as the Internet.

**SLIS-S 551 Library Management (3 cr.)** Management and administration of all types of libraries. Covers basics of organizational structure, planning, budget management, human resources issues and skills, and an understanding of the manager in the context of the organization.

**SLIS-S 552 Academic Library Management (3 cr.)** Background and current trends in the management of academic libraries.

**SLIS-S 553 Public Library Management (3 cr.)** Background and current trends in the management of public libraries.

**SLIS-S 554 Library Systems (3 cr.)** P: S401. Principles for the design, selection, implementation, and management of automated systems of all types in libraries, including systems for technical services processing, reference and user services, and management. Focus is on present and future applications of technology in libraries, their technical features, and their implications for library services and management. When possible, some practical experience with a particular application will be provided.

**SLIS-S 555 Strategic Intelligence (3 cr.)** Introduces different concepts of strategic intelligence, and different

contexts in which these are applied; the idea of intelligence is not restricted to national security, or corporate competition: it can apply at the level of the individual citizen, company, community, or country.

**SLIS-S 556 Systems Analysis and Design (3 cr.)** This course introduces the basic concepts underlying systems analysis and design, focusing on contextual inquiry/design and data modeling, as well as the application of those analysis techniques in the analysis and design of organizational information systems.

**SLIS-S 561 User Interface Design for Information Systems (3 cr.)** This course focuses on established principles and methods to design effective interfaces for information systems, emphasizing document retrieval, filtering, visualization, correlation, analysis, and research.

**SLIS-S 571 Materials for Youth (3 cr.)** Evaluation and use of books, magazines, recordings, films, radio and television broadcasts, and other sources of information and recreation.

**SLIS-S 572 Youth Services (3 cr.)** P: S571 or consent of instructor. C: S571 or consent of instructor. This course emphasizes the history, philosophy, and description of children and young adult library services. It takes a holistic look at the role of the youth services librarian from planning and evaluation to specific services and programs, and examines the current and future outlook for this type of librarianship. Emphasis is on the public library, but cooperation with appropriate services and programs such as school media centers is also discussed.

**SLIS-S 573 Education of Information Users (3 cr.)** Reviews important educational theories for application to secondary school, college, and university settings which provide training and education programs to teach students skills leading to information literacy. Standards from AASL and ACRL are applied to instructional design and practice including lecture, collaboration with faculty, and evaluation of online tutorials.

**SLIS-S 574 Information Inquiry for School Teachers (3 cr.)** This course is intended to be an opportunity for teachers and future teachers (including school library media specialists as teachers) to practice methods in critically thinking about information/media, and to use that process as a means to teach their students to be critical reviewers and communicators as well.

**SLIS-S 580 History of Libraries (3 cr.)** Development of libraries and information services from earliest times to the present, with emphasis on the library in relation to social, economic, cultural, and political trends.

**SLIS-S 581 Archives and Records Management (3 cr.)** Introduces basic theories, methods, and significant problems in archives and records management. The course also discusses how archivists are responding to the challenge of managing and preserving electronic records.

**SLIS-S 582 Preservation (3 cr.)** Examines causes of library and archival materials deterioration. Develops conceptual framework and management perspective for preservation programs using technical standards, program development tools, scientific and administrative research reports, and advocacy literature. Explores the new

information technologies and media as both preservation tools and challenges.

**SLIS–S 583 Rare Book Librarianship (3 cr.)**

P: Authorization required. Introduction to the development, organization, and operation of rare book libraries and special collections. Includes an overview of the fundamentals of book collecting, both private and institutional, the antiquarian book trade and auction market, and the profession and practice of rare book librarianship.

**SLIS–S 584 Manuscripts (3 cr.)** P: Authorization required. Introduction to the nature, functions, and methodology of the organization and administration of archives and manuscript collections. The course will consist of lectures, discussions, field trips, and special projects.

**SLIS–S 601 Directed Readings (1–6 cr.)** P: Consent of instructor. Readings and study in any area of library or information science having an extensive literature. A student may enroll for this course twice in the same semester under different instructors. Normally S601 is completed under the direction of a full-time faculty member. Readings done under S601 shall not duplicate the content of any course now in the curriculum of the School of Library and Information Science.

**SLIS–S 602 Directed Research (1–3 cr.)** P: Consent of instructor. Individual research in a problem in the field of library and information science.

**SLIS–S 603 Workshop in Library and Information Science (1–3 cr.)** P: Consent of instructor. Group study of specific problems in the library and information field. Generally includes a hands-on element. No more than 6 hours of S603 credit may be used toward the requirements for any SLIS degree.

**SLIS–S 604 Topics in Library and Information Science (1–4 cr.)** P: Consent of instructor. Study of specific topics in librarianship and information science. May be repeated for credit when topic varies.

**SLIS–S 605 Internship in Library and Information Science (2–6 cr.)** P: Permission of faculty advisor. Graded S/F. Supervised internship in an information management environment. Professionals in library and information management mentor each graduate student. Sixty on-site hours must be completed for each credit earned. Students document their experiences through journals, abstracts of related publications, and a final presentation. Normally, at least 18 credits must be completed before enrollment. Guidelines and placement sites are available on the SLIS Web site.

**SLIS–S 622 Resources and Services for People with Disabilities (3 cr.)** P: S401, S501, or permission of instructor. Access to information is essential for sustained independence of people with disabilities. This course studies materials, services, and assistive technologies to support this access.

**SLIS–S 623 Genealogy and Local History (3 cr.)** P: S501 and S502. Focuses on developing collections and providing reference services in genealogy and local history.

**SLIS–S 629 Topics in Information Sources and Services (3 cr.)** The purpose of this course is to provide the opportunity for greater in-depth study of the information and literature sources related to area studies, specific academic disciplines, and/or specific library patron audiences. Examples include Slavic materials, Latin American bibliography, and international legal bibliography. Depending on the potential market, the demand for knowledge concerning the specific information, literature, and material, and the expertise of available faculty, there is a wide range of possible topics.

**SLIS–S 631 Advanced Cataloging (3 cr.)** P: S504. Provides extensive background in description and access for electronic and non-book resources.

**SLIS–S 632 Technical Services (3 cr.)** P: S551, S552 or S553. Principles of organization and function of library technical services, including acquisition, cataloging, serials, circulation. Special emphasis on research and development in library systems and technology. Includes file organization, documentation system development, analysis, and evaluation for manual, mechanical, and automated applications.

**SLIS–S 633 Indexing (3 cr.)** P: S504 or S515. Theoretical concepts of subject indexing and thesaurus construction for information retrieval. Examines alternative approaches to traditional indexing techniques. Evaluation and use of appropriate computer software.

**SLIS–S 634 Metadata (3 cr.)** P: S503 or S515. Metadata is essential in designing and developing effective knowledge systems; it facilitates resource discovery, database documentation, and recording digital documents' textual and conceptual histories. This course introduces principles supporting the development and implementation of metadata schemes, focusing on issues of interoperability, internal and external standardization, and evaluation.

**SLIS–S 635 Ontologies (3 cr.)** P: S634 and authorization required. An ontology is a common semantic conceptualization of reality that is shared by members of a knowledge domain; it supports exchange of knowledge among participants. This course explores formal specifications for ontology construction among systems applications and software agents.

**SLIS–S 636 Semantic Web (3 cr.)** Explores the technologies of the semantic web by examining the application of technologies to WWW information delivery and the principles of formal logic and computation guiding their development.

**SLIS–S 637 Information Visualization (3 cr.)** Introduces information visualization, highlighting processes which produce effective visualizations. Topics include perceptual basis of information visualization, data analysis to extract relationships, and interaction techniques.

**SLIS–S 640 Seminar in Intellectual Freedom (3 cr.)** P: 9 cr. of SLIS graduate credit or permission of instructor. Beginning with a history of and alternative philosophical justifications for censorship, the student is introduced to constraints, obligations, and problems relating to intellectual freedom.

**SLIS–S 641 Computer-Mediated Discourse Analysis (3 cr.)** Computer-mediated discourse analysis (CMDA),

applies theories from linguistic discourse analysis, pragmatics, ethnomethodology, and semiotics in the analysis of discourse-language and language use in computer-mediated communication. This course provides hands-on experience in applying empirical analytical methods, and in interpreting the results.

**SLIS-S 643 The Information Industry (1-3 cr.)** This course examines various aspects of the information industry: products, producers, suppliers, trends, and market opportunities. Focus varies with the topic; for example, structural market characteristics, or technical developments and their impact. May be repeated for credit when topic varies.

**SLIS-S 650 Library Philanthropy (3 cr.)** Introduces the role of private giving in support of libraries. Examines personal and corporate philanthropy and their applicability in libraries and information centers.

**SLIS-S 651 Art Librarianship (3 cr.)** P: FINA A575 or consent of instructor. Academic art library administration, collection development, reference services, technical services operations, facilities, and slide and photograph/picture collections will be emphasized.

**SLIS-S 652 Digital Libraries (3 cr.)** P: S532 and authorization required. Examines the design and operation of digital libraries and related electronic publishing practices from a socio-technical perspective. Students develop understanding of major issues, concepts, and trends, enabling them to understand the socio-technical character of digital libraries that can and will be effectively supported and used by various groups.

**SLIS-S 653 Health Sciences Librarianship (3 cr.)** P: S501. C: S501. Health sciences library administration, materials organization, and information services. Emphasis on National Library of Medicine classification, subject headings, printed indexes, and online databases.

**SLIS-S 654 Law Librarianship (3 cr.)** P: S501 or consent of instructor. An introduction to basic legal materials and law librarianship. Primary and secondary resources; indexes; digests and citators; specialized research methods; current developments in automated legal research. History of law libraries in the U.S., their organization and administration. The role of law librarians in law schools and law firms.

**SLIS-S 655 Music Librarianship (3 cr.)** P: MUS M539. Academic music library administration, collection development, technical services operations, record and performing ensemble collections, and reference services will be emphasized.

**SLIS-S 656 Information Technology Standardization (3 cr.)** P: S401. This course will explore advanced topics in XML and related technologies, particularly in the context of XML as a document publishing format. Topics include the separation of content from presentation, the repurposing of digital content, common standards and systems used to publish electronic documents and fundamental technologies underlying digital publishing.

**SLIS-S 661 Concepts and Contemporary Issues in Human-Computer Interaction (3 cr.)** Examines and assesses theoretical approaches developed specifically for understanding the use, informing the design, and assessing the value of information technologies. The

course also considers contemporary issues surrounding the situated use of information technologies, such as emotional, embodiment, interpersonal, and social aspects of interaction.

**SLIS-S 662 Interface Design for Collaborative Information Spaces (3 cr.)** Provides an overview of two-dimensional and three-dimensional interface design. Topics covered include task and user analysis, interface goals and design methods, and empirical evaluation.

**SLIS-S 671 School Media (3 cr.)** P: S501 and S571, or consent of instructor. C: S501 and S571, or consent of instructor. Establishes the professional teaching and administrative role of the certified school library media specialist in K-12 settings. Situations are examined that pertain specifically to policy development, budgeting, collection development, instructional design, support staff training, facility design, district supervision, and information networking within the modern school corporation. Students make site visits to leading school information centers, conferences, and media fairs.

**SLIS-S 672 Seminar on Literature for Youth (3 cr.)** P: S571 or consent of instructor. An advanced seminar, addressing such topics as: images of minority groups, societal problems (e.g., poverty and family patterns), or informational needs and materials including access and availability of print, nonprint, and computer resources. May be repeated for credit when topic varies.

**SLIS-S 680 The Book to 1450 (3 cr.)** P: Authorization required. Covers the introduction and development of writing and the history of the manuscript and printed book, from their beginnings to approximately the year 1450. Although there will be some coverage of the non-Western book, the emphasis will be on the history of the book in the West.

**SLIS-S 681 The Book 1450 to the Present (3 cr.)** P: Authorization required. A survey of the book from 1450 to the present, with emphasis on the development of the book in the West. Focuses on the physical aspects of the book from the mid-fifteenth through the twentieth centuries, and on some of the many roles of the book in society during this period; also increases awareness of current scholarly trends in the history of the book.

**SLIS-S 683 Reference Sources for Rare Books (3 cr.)** P: S501 or S684. Introduces and evaluates reference sources that are useful in working with rare books in many fields.

**SLIS-S 684 Descriptive Bibliography (3 cr.)** P: Authorization required. The development of the practice of printing, typefounding, and papermaking; the principles and practice of the bibliographical description of printed books, with emphasis on the period to 1880.

**SLIS-S 685 Electronic Records Management (3 cr.)** Addresses the major issues and challenges facing the archival/records management professions in their quest to manage electronic records. Students will study and evaluate the impact automation has had on archival theory and practice, analyzing various models and strategies archivists have developed to manage electronic records.

**SLIS-S 690 Capstone in Information Architecture Capstone (3 cr.)** The capstone course integrates within a single project the theoretical and practical components

of the IA certificate program. Working with one of the program co-directors, who serves as the student's project advisor, the student will determine both the scope and extent of the project. The student will publicly present and defend the capstone project upon completion.

### Doctoral Courses

**SLIS-S 701 Introduction to Doctoral Research in Library and Information Science (3 cr.)** Role and function of research in society; history of library and information science scholarship; current need for research in LIS; critical analysis of present state of knowledge in the field; relevant research methodologies; barriers to individual initiatives in research.

**SLIS-S 702 Doctoral Research Practicum I (2 cr.)**  
P: S701. Student acquires practical hands-on experience with the research process through involvement in a SLIS faculty member's research project.

**SLIS-S 703 Doctoral Research Practicum II (2 cr.)**  
P: S701, S702. Student acquires practical, hands-on experience with the research process through involvement in a SLIS faculty member's research project. The S703 research project should differ substantially from the S702 project with which the student was involved.

**SLIS-S 706 Introduction to Research (3 cr.)** The research process, including concepts, design, conduct, and evaluation. Principles and characteristics of approaches and methodologies relevant to research in the field. Examples of data sources and introduction to methods of statistical description and analysis; ethical issues.

**SLIS-S 710 Doctoral Research Practicum III (3 cr.)**  
P: S701, S702, S703. The student applies methods of research under the supervision of a SLIS faculty member. The research project may originate with the student or may be one on which the faculty member seeks student assistance.

**SLIS-S 763 Research Problems and Methods in Information Science (3 cr.)** P: Consent of instructor. Study of current problems and methodological approaches in information science research.

**SLIS-S 764 Seminar in Information Science (3 cr.)**  
P: Consent of instructor. Intensive study of selected topics.

**SLIS-S 765 Doctoral Research in Information Science (1-6 cr.)** Independent research or study. A student may enroll for this course more than once in one semester under different instructors.

**SLIS-S 790 Dissertation Proposal in Information Science (3 cr.)** P: Consent of instructor. Doctoral students develop their plans for theses subject to criticism by other doctoral students and faculty.

**SLIS-S 799 Ph.D. Thesis (arr. cr.)** P: Must have been admitted to candidacy. See advisor for more information.

**SLIS-G 901 Advanced Research (6 cr.)** P: Must have 90 credit hours. Please see advisor for more information on Advanced Research.

## Summer Sessions

The School of Library and Information Science offers one of the largest selections of summer classes proportional

to school enrollment. The two summer sessions are a six-week session from early May to mid-June and an eight-week session from mid-June to mid-August. It is possible for some students to complete a SLIS master's degree by attending only summer sessions over the period of five years allowed for degree completion. Students are cautioned, however, that not all courses are or will be available during summer sessions. For additional information consult the [course schedules](#) on the SLIS Web site.

## Organizations & Services

- Alumni Association
- Available Facilities
- Career Placement

### Alumni Association

The School of Library and Information Science Alumni Association has as its purpose the furthering of the educational, professional, and social interests of the school and its alumni. The association publishes a semiannual newsletter to keep alumni informed about developments within the school and news of each other. The Alumni Association, in cooperation with the school, also sponsors receptions at annual conferences of state and national professional organizations. SLIS also manages an Alumni Listserv to help announce these events and other important items.

### Available Facilities

The School of Library and Information Science is housed in the Herman B Wells Library on the Bloomington campus and in the University Library on the Indianapolis campus. The School's Bloomington facilities include dedicated computer laboratories, lecture and seminar rooms, and an information commons.

Both the School of Library and Information Science and Indiana University as a whole are technology-intensive environments, so the opportunities for learning and working with state-of-the-art technology are numerous. In Bloomington, the school maintains two computer labs for use by any student enrolled in SLIS courses. In addition, the school supports a lab dedicated for use by SLIS Ph.D. students. Technology plays a central role in library and information science research and practice; therefore, SLIS devotes significant resources to ensure that students have access to up-to-date hardware and software. The technology staff provides students with opportunities to learn about and use current and emerging technologies that will be essential to their professional development. SLIS maintains its own server room, which houses UNIX, Windows, and Macintosh OS servers. These provide services ranging from hosting the SLIS Web site, to supporting faculty and student research on large data sets, to providing server space for all SLIS students for their web presence and digital projects. Additionally, the technology staff ensures that the school is in compliance with software licensing agreements.

As a part of Indiana University, which is consistently rated one of the most wired and most "unwired" university systems in the nation, every member of the SLIS community has access to a vast array of computing and information technology resources. SLIS partners with other IU schools and departments to ensure that the SLIS

community continues to enjoy access to university-wide resources.

## Career Placement

Career opportunities in library and information science are varied and interesting. SLIS graduates continue to be placed in top library and information industry positions. Students are encouraged to be pro-active in preparing for their careers—and for the job search process. The six student chapters of professional associations at SLIS can help students learn about professional networking, continuing education, leadership roles, conference participation, and more. These student groups host events and guest speakers that address job search questions.

The SLIS honorary society, Beta Phi Mu, hosts an annual Career Forum. While SLIS has always provided assistance in the job search process, a new SLIS Career Services Center was developed in Fall 2010, and was opened in January 2011. The goal of the Center is to help identify career resources, and to support SLIS students with the job search process. Students positions will support the Center, and will work with the SLIS Director of Admissions and Placement. The SLIS jobs listserv and the SLIS website both provide access to job ads. Reading job ads can help students understand what employers need in today's job market. There are a number of Indiana University resources available to SLIS students including job fairs and library collections.

Students are encouraged to begin developing their résumé early. Part time jobs in the field, volunteer positions, library and technology workshops, and participation in professional associations will give students additional items for the résumés. Students are also encouraged to save class projects and strong papers for their job search portfolio.

## Policies & Procedures

- Grading System
- Requirement Exceptions
- Probation Policy
- Time Requirements
- Foreign Language Credit
- Computer Accounts

## Grading System

### Grade Computation

Letter grades have been defined as follows by student and faculty members of the Curriculum Steering Committee and have been approved by the faculty as an aid in evaluation of academic performance and to assist students by giving them an understanding of the grading standards of the School of Library and Information Science.

- A (4.0) Outstanding achievement. Student performance demonstrates full command of the course materials and evinces a high level of originality and/or creativity that far surpasses course expectations.
- A- (3.7) Excellent achievement. Student performance demonstrates thorough knowledge of the course materials and exceeds course expectations by completing all requirements in a superior manner.

- B+ (3.3) Very good work. Student performance demonstrates above- average comprehension of the course materials and exceeds course expectations on all tasks as defined in the course syllabus.
- B (3.0) Good work. Student performance meets designated course expectations, demonstrates understanding of the course materials, and performs at an acceptable level.
- B- (2.7) Marginal work. Student performance demonstrates incomplete understanding of course materials.
- C+ (2.3), C (2.0) Unsatisfactory work. Student performance demonstrates incomplete and inadequate understanding of course materials.
- C- (1.7), D+ (1.3), D (1.0), D- (0.7) Unacceptable work. Course work performed at this level will not count toward the M.L.S. or M.I.S. degree; for the course to count toward the degree, the student must repeat the course with a passing grade.
- F (0.0) Failing. Student may continue in program only with permission of the dean.

Grades are assigned by individual instructors based on a combination of student performance measures developed for each course. Student achievement of course objectives is usually assessed through the use of multiple performance measures. For example, a combination of several of the following assessment methods is common: examinations, class participation, written assignments and exercises, research papers, or term projects. Other methods, depending on course content and objectives, may include in- class small-group exercises, oral presentations, field-based projects and field experiences, or case study presentations.

No course in which a student receives a grade of lower than C (2.0) will be counted toward requirements for any SLIS degree. Effective Fall 2010, any required course in which a grade lower than B- is received must be repeated; an elective course in which an unacceptable grade is earned need not be repeated, but it may be repeated or another course must be taken in its place. Repeating a course in which an unacceptable grade was earned or taking another in its place does not remove the credit points for that course from the student's grade point average. All grades achieved in SLIS courses will be counted in the SLIS and IU GPA. Since a minimum GPA of 3.0 (B) is required for graduation, any grade below B must be balanced by another sufficiently above B to keep the GPA at the 3.0 level.

### Grade of Incomplete

The grade of Incomplete (I) may be used on the final grade report at the discretion of the instructor. The grade I indicates that the student's work in a course is satisfactory thus far but has not been completed as of the end of the semester.

The grade of Incomplete may be given only when the completed portion of a student's work in a course is of passing quality, and may be awarded only upon showing hardship to the student that would make it unjust to hold the student to the original time limit for course completion. It is the responsibility of the student who has incurred a grade of Incomplete in any course to fulfill the requirements of that course within a maximum of one calendar year from the date on which the I grade is

recorded. After one calendar year, a grade of Incomplete automatically changes to a grade of F on the student's record.

**Deferred Grade (R)** Certain doctoral-level courses, such as S799 and G901, in which candidates enroll while working on their dissertations, are expected to take longer than one year. In these instances, an R, indicating that the grade has been deferred, will be assigned until such time as the dissertation is completed.

## Requirement Exceptions

Exceptions to degree requirements must be approved in writing by the student's faculty advisor and by the SLIS Administrative Office. Approval forms for course waivers, transfer credit, etc. are available on the [SLIS Web site](#). It is the student's responsibility to ensure that written approval for any program exception is submitted to the SLIS Administrative Office for placement in the student's academic file.

## Probation Policy

In addition to the probationary admission described earlier, a SLIS student may be placed on probation at any point in the program when failure to achieve a minimum cumulative grade point average (GPA) of 3.0 occurs. The student will be assigned a time frame in which the required 3.0 GPA must be restored. Failure to achieve this GPA within the required time or to maintain the 3.0 GPA for the remainder of the degree program will result in dismissal from the program. In no case is a master's degree awarded for course work in which a cumulative GPA of less than 3.0 has been achieved. Students will not be permitted to continue graduate course work beyond the number of credit hours required for the degree solely in an attempt to raise the GPA to the required level. Students are expected to maintain a 3.0 GPA each semester.

## Time Requirements

All requirements for the M.L.S. and M.I.S. degrees must be met within five consecutive calendar years from the date of completion of the first credited course. In some circumstances a one-year extension of the five-year time frame may be given, but in no case will a longer extension be granted. Application for the SLIS master's degree must be submitted early in the fall semester for candidates planning to graduate in December, and early in the spring semester for candidates planning to graduate in May, June, or August.

## Foreign Language Credit

Although language skills are recognized as significant and in some cases essential in the information professions, and such courses may be taken through the university, credit earned for such courses **may not be applied** toward the M.L.S. or M.I.S. degree.

## Computer Accounts

All SLIS students are responsible for arranging for reliable computer and internet access. All SLIS students are eligible for, and are required to obtain, computer accounts from University Information Technology Services. All official and nonofficial communication from IU and SLIS take place via your IU email account. Students will be held responsible for receiving and responding as appropriate to all course and official electronic mail. It is University policy that communication sent to the student

via the student's electronic mail campus address is considered official notice.

Many SLIS courses require students to maintain high-speed, 24-7 Internet access, including access to Oncourse, OneStart, IU email, and other web-based applications. Students are responsible for making all necessary provisions for accessing course-related resources, including subscription-based library resources.

Technical assistance is available from:

- UITS [Knowledge Base Online](#) Q & A
- [ITHelpLive](#)
- Phone support: 812-855-6789 [24 hours a day, 7 days a week]
- Email: [ithelp@iu.edu](mailto:ithelp@iu.edu)

## Faculty

- Current Faculty
- Adjunct Faculty
- Associate Faculty
- Senior Fellow
- Visiting Scholars
- Faculty Emeriti

## Current Faculty

- **Börner, Katy, Ph.D.** (*University of Kaiserslautern [Germany], 1997*), Victor H. Yngve Professor of Information Science
- **Cronin, Blaise, Ph.D.** (*The Queen's University of Belfast, 1983*), D.S.Sc. (*The Queen's University of Belfast, 1998*), D.Litt. (*h.c.*), Queen Margaret University College, Edinburgh, 1997, Rudy Professor of Information Science
- **Day, Ronald E., Ph.D.** (*State University of New York–Binghamton, 1990*), Associate Professor of Library and Information Science
- **Ding, Ying, Ph.D.** (*Nanyang Technological University [Singapore], 2001*), Assistant Professor of Information Science
- **Ekbja, Hamid, Ph.D.** (*Indiana University, 2003*), Associate Professor of Information Science
- **Fichman, Pnina, Ph.D.** (*University of North Carolina at Chapel Hill, 2003*), Associate Professor of Library and Information Science
- **Hara, Noriko, Ph.D.** (*Indiana University, 2000*), Associate Professor of Information Science
- **Herring, Susan C., Ph.D.** (*University of California, Berkeley, 1991*), Professor of Information Science
- **Jacob, Elin K., Ph.D.** (*University of North Carolina at Chapel Hill, 1994*), Associate Professor of Library and Information Science
- **Liu, Xiaohong, Ph.D.** (*Syracuse University, 2010*), Assistant Professor of Library and Information Science
- **Milojevič, Staša, Ph.D.** (*University of California, Los Angeles, 2009*), Assistant Professor of Library and Information Science
- **Robbin, Alice R., Ph.D.** (*University of Wisconsin—Madison, 1984*), Associate Professor of Library and Information Science
- **Rosenbaum, Howard S., Ph.D.** (*Syracuse University, 1996*), Associate Professor of Information Science and Associate Dean

- **Shaw, Debora, Ph.D.** (*Indiana University, 1983*), Professor of Library and Information Science and Interim Dean
- **Sugimoto, Cassidy, Ph.D.** (*University of North Carolina at Chapel Hill, 2010*), Assistant Professor of Library and Information Science
- **Walsh, John, Ph.D.** (*Indiana University, 2000*), Assistant Professor of Library and Information Science

## Adjunct Faculty

Many information professionals from the community teach for the School of Library and Information Science on a part-time basis. The following list is representative of these adjunct faculty members.

- **Backs, Dana, M.L.S.** (*Indiana University, 1994*), Adjunct Lecturer (part time), School of Library and Information Science
- **Backs, Steve, M.L.S.** (*Indiana University, 1994*), Department Manager, Adult Services, Monroe County Public Library, Adjunct lecturer (part time), School of Library and Information Science
- **Bowman, Timothy, M.I.S.** (*Indiana University, 2001*). Adjunct lecturer (part time), School of Library and Information Science
- **Buente, Wayne, M.L.S.** (*University of Michigan, 2003*), Adjunct Lecturer (part time), School of Library and Information Science
- **Casey, Michael**, Associate Director for Recording Services, Archives of Traditional Music, and Adjunct Lecturer (part time), School of Library and Information Science
- **Choksy, Carol E.B., Ph.D.** (*University of Chicago, 1987*), President, IRAD Strategic Consulting, Adjunct Lecturer (part time), School of Library and Information Science
- **Chuttur, Mohammad, M.Sc.** (*University of Surrey, 2002*), Adjunct Lecturer (part time), School of Library and Information Science.
- **Cox, Steven**, Macintosh/UNIX System Support Specialist, Adjunct Lecturer (part time), School of Library and Information Science
- **Eskew, Philip N., M.L.S.** (*Indiana University, 2003*), Technical Trainer, Monroe County Public Library, and Adjunct Lecturer (part time), School of Library and Information Science
- **George, Nicolas, M.I.S./M.L.S.** (*Indiana University, 2006*), Adjunct Lecturer (part time), School of Library and Information Science.
- **Gray, Elizabeth, M.L.S.** (*Indiana University, 2003*), Adult Services Librarian, Monroe County Public Library, and Adjunct Lecturer (part time), School of Library and Information Science
- **Hajibayova, Lala, M.L.S.** (*St. John's University, 2003*), Adjunct Lecturer (part time), School of Library and Information Science.
- **Helling, John, M.L.S.** (*Indiana University, 2006*), Director, Bloomfield-Eastern Greene County Public Library. Adjunct lecturer (part time), School of Library and Information Science
- **Helling, William, Ph.D.** (*University of Kansas, 1986*), M.I.S., (*Indiana University, 1998*), Electronic Resources Librarian, Crawfordsville District Public Library, and Adjunct Lecturer (part time), School of Library and Information Science
- **Kouper, Inna, M.S. in Sociology** (*Institute of Sociology, Russian Academy of Sciences, 2001*), Adjunct Lecturer (part time), School of Library and Information Science
- **Kowalczyk, Stacy, M.L.I.S.** (*Dominican University, 1996*), Associate Director for Projects and Services, Digital Library Program, Adjunct Lecturer (part time), School of Library and Information Science
- **Kramer, Kymberly, M.L.S.** (*Indiana University, 1996*), Technology Education Specialist, Pike Township, Indiana, Adjunct lecturer (part time), School of Library and Information Science
- **Ma, Lai, M.L.S** (*Indiana University, 2007*), Adjunct Lecturer (part time), School of Library and Information Science
- **Oltmann, Shannon, M.I.S.** (*Indiana University, 2007*), Adjunct Lecturer (part time), School of Library and Information Science
- **Ramlo, Cynthia, M.I.S.** (*Indiana University, 2002*), Multimedia Developer, Indiana University, and Adjunct Lecturer (part time), School of Library and Information Science
- **Tweedy, Jonathan, M.I.S.** (*Indiana University, 2008*), Web Developer, Center for Postsecondary Research, Indiana University, Adjunct lecturer (part time), School of Library and Information Science
- **Tuai, Cameron, M.B.A.** (*University of Notre Dame, 2004*), M.L.I.S. (*McGill University, 1998*), Adjunct Lecturer (part time), School of Library and Information Science
- **Warren, Jonathan, B.A.** (*Reed College, 2002*), Adjunct Lecturer (part time), School of Library and Information Science

## Associate Faculty

Many information professionals from Indiana University teach for the School of Library and Information Science on a part-time basis. The following list is representative of these associate faculty members.

- **Bantin, Philip C., M.L.S.** (*University of Wisconsin—Madison, 1976*), M./A. (*Emory University, 1975*). Director, Office of University Archives and Records Management, IU Bloomington, and Associate Professor (part time), School of Library and Information Science
- **Buckley, Keith A., M.L.S.** (*Indiana University, 1980*), Collection Development/Reference Librarian, Law Library, IU Bloomington, and Assistant Professor (part time), School of Library and Information Science
- **Courtney, Angela, M.L.I.S.** (*University of Texas at Austin, 1995*), Librarian for English and American Literature, Film Studies, Philosophy, and Theater and Drama, Indiana University, and Assistant Professor (part time), School of Library and Information Science
- **Dekydspotter, Lori Lynn** (*MLS, Indiana University, 1999*). Rare Books Cataloger, Lilly Library, Indiana University, Bloomington, Adjunct lecturer (part time), School of Library and Information Science
- **Donovan, Carrie, M.L.S.** (*Indiana University, 1999*), Instructional Services Librarian, Information Commons/Undergraduate Library Services, Lecturer

(part time), School of Library and Information Science

- **Dowell, Erika, M.L.S.** (Indiana University, 2000), Public Services Librarian, Lilly Library, Indiana University, and Lecturer (part time) School of Library and Information Science
- **Fariss, Linda K., J.D.** (Indiana University, 1988), Associate Director and Associate Librarian, Law Library, IU Bloomington, Lecturer in Law (part time), School of Law, and Assistant Professor (part time), School of Library and Information Science
- **Kellams, Dina, M.L.S.** (Indiana University, 2001), Associate Archivist, Indiana University, and Lecturer (part time), School of Library and Information Science
- **Malcomb, J. Louise, M.L.S.** (Indiana University, 1983), Librarian and Head, Government Information, Microforms and Statistical Services Department, IU Bloomington, and Associate Professor (part time), School of Library and Information Science
- **McRobbie, Michael, Ph.D.** (Australian National University, 1979)
- **Morrison, Andrea, M.L.S.** (Indiana University, 1991), Documents Monographic Cataloger, Western European Cataloging Unit, Indiana University Libraries, and Assistant Professor (part time), School of Library and Information Science
- **Okada, Emily, M.A.** (University of Wisconsin, 1976), Associate Head and Reference Services Librarian, Information Commons and Undergraduate Services, IU Bloomington, and Assistant Professor (part time), School of Library and Information Science
- **Oldenkamp, David, M.L.S.** (Syracuse University, 2003), International Studies Librarian, Indiana University, Lecturer (part time), School of Library and Information Science
- **Park, Taemin Kim, Ph.D.** (Indiana University, 1982), East Asian Cataloger, IU Bloomington, and Assistant Professor (part time), School of Library and Information Science
- **Ponella, Philip, M.L.S.** (Southern Connecticut State University, 1994), Director, William and Gayle Cook Music Library, Indiana University, and Associate Professor (part time), School of Library and Information Science
- **Silver, Joel B., J.D.** (Whittier College, 1977), M.L.S. (Indiana University, 1986). Associate Director and Curator of Books, Lilly Library, IU Bloomington, and Associate Professor (part time), School of Library and Information Science
- **Threatt, Monique, M.L.S.** (Indiana University, 1999), Head, Media & Reserve Services, Wells Library, Lecturer (part time), School of Library and Information Science
- **White, Tony, M.L.S.** (Indiana University, 2003), Head of the IU Fine Arts Library, Lecturer (part time), School of Library and Information Science
- **Williams, Cherry, M.L.I.S.** (University of California, Los Angeles, 2005), Curator of Manuscripts, The Lilly Library, Indiana University, Lecturer (part time), School of Library and Information Science
- **Winterman, Brian, M.L.S.** (Indiana University, 2003), Head, Geography and Map Library and Chemistry and Life Sciences Librarian, Indiana

University, and Lecturer (part time), School of Library and Information Science

## Senior Fellow

- **Davis, Charles H., Ph.D.** (Indiana University, 1969)

## Visiting Scholars

- **Davenport, Elisabeth R., Ph.D.** (University of Strathclyde [Glasgow], 1994)
- **Shankar, Kalpana, Ph.D.** (University of California, Los Angeles, 2002)

## Faculty Emeriti

- **Abrera, Josefa B., Ph.D.** (Indiana University, 1970), Associate Professor Emerita
- **Armstrong, Marian L., A.M.** (Indiana University, 1958), Assistant Professor Emerita
- **Fitzgibbons, Shirley A., Ph.D.** (Rutgers University, 1976), Associate Professor Emerita
- **Harter, Stephen P., Ph.D.** (University of Chicago, 1974), Professor Emeritus
- **Kaser, David, Ph.D.** (University of Michigan, 1956), Distinguished Professor Emeritus
- **Nisonger, Thomas E., Ph.D.** (Columbia University, 1976), Professor Emeritus
- **White, Herbert S., M.S.L.S.** (Syracuse University, 1950), Distinguished Professor Emeritus