

MASTER'S PROGRAMS

- Information Management (M.S.I.M.) (<http://bulletins.wayne.edu/graduate/school-information-sciences/masters-programs/information-management/>)
- Library and Information Science (M.L.I.S.) (<http://bulletins.wayne.edu/graduate/school-information-sciences/masters-programs/library-and-information-science/>)
- Library and Information Science and History (M.A./M.L.I.S. Joint Degree) (<http://bulletins.wayne.edu/graduate/school-information-sciences/masters-programs/history-library-information-science/>)
- Library and Information Science and Public History (M.A.P.H./M.L.I.S. Joint Degree) (<http://bulletins.wayne.edu/graduate/school-information-sciences/masters-programs/public-history-library-information-science/>)

INF 6000 Introduction to Information Management Cr. 3

Introduction to current data/information management from an interdisciplinary perspective, incorporating the latest ideas, techniques, and technologies into the data/information life cycle. Offered for graduate credit only. Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 6010 Foundation for the Information Professions Cr. 3

The development and place of libraries in society; objectives, functions of and trends in major types of libraries. Core course. Prerequisite for all MLIS courses. Offered for graduate credit only. Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 6050 Introduction to Programming Cr. 3

Introduction to the basics of programming, utilizing scripts to connect and retrieve information from a database, and the development of coding skills that will allow creation of more advanced applications. Offered Every Term.

INF 6080 Fundamentals of Information Technology Cr. 3

Storage and retrieval problems as approached by conventional and nonconventional methods. Computer applications in libraries. Core course. Offered for graduate credit only. Offered Every Term.

Prerequisites: INF 6010 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 6120 Access to Information Cr. 3

Reference function of the library including print and electronic reference sources; development of interpersonal communication skills to increase effectiveness in response to patrons' information needs; effective search strategies for all types of reference. Core course. Offered for graduate credit only. Offered Every Term.

Prerequisites: INF 6010 with a minimum grade of C (may be taken concurrently) and INF 6080 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 6210 Organization of Information Cr. 3

Characteristics of recorded knowledge; identification and description of recorded information; principles of physical description, authority control, and subject access; creation of catalogs and databases. Core course. Offered for graduate credit only. Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 6415 Information Technology Project Management Cr. 3

Identification of current information systems and problems, determination and definition of information needs and requirements, evaluation of alternative solutions. Offered Winter.

INF 6420 Introduction to Web Development Cr. 3

Use of Internet protocols (ftp, telnet, smtp, http, gopher), location of Internet resources for library reference and research uses, construction of World Wide Web resources using HTML and successor technologies. Offered Every Term.

INF 6460 Introduction to Database Design Cr. 3

Fundamentals of database design and basics of database implementation; focus on library and information science practice. Related and current database management technologies used in hands-on experiences. Offered Yearly.

INF 6490 Introduction to Statistics and Data Analysis Cr. 3

Statistical methods of data analysis are necessary for understanding important aspects of our world and are essential for a variety of research and professional activities. This course offers an applied introduction to statistics and data analysis. It covers the process of research question formulation to data organization, analysis and communication of results; the elements of descriptive and exploratory statistics, including probability concepts and data visualization; and inferential statistics, including techniques of correlation and regression, as well as confidence intervals and hypothesis testing. The course uses practical examples to guide the student through the various concepts and issues with data analyses and provides tutorials on how to use R for analysis and basic data visualization. Activities include readings, videos, quizzes, data analysis labs, and a final data analysis project. Offered Fall.

Restriction(s): Enrollment limited to students in the School of Information Sciences.

INF 6520 Beyond Books: Youth Literature in Action Cr. 3

Explores the quality and quantity of literature published for children, particularly those in elementary and middle school grades in school and public library contexts. The selection, evaluation, promotion and use of literature and other media are studied along with the examination of the relationships of literature to developmental characteristics and individual differences of the child. Offered Yearly.

Prerequisites: INF 6010 with a minimum grade of C (may be taken concurrently) and INF 6080 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students.

INF 6530 Young Adult Literature Cr. 3

Standards for evaluating young adult literature. Selection of literature for individual students in relation to interest and reading ability. Use of classroom collections. Techniques for helping students read poetry, drama and fiction. Offered Yearly.

Prerequisites: INF 6010 with a minimum grade of C (may be taken concurrently) and INF 6080 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students.

INF 6780 Introduction to Records and Information Management Cr. 3

Management of information, including records creation, records inventory and appraisal, retention/disposition scheduling, filing systems, maintenance of inactive records, micrographics, vital records protection, and electronic impact on records management. Offered for graduate credit only. Offered Yearly.

Restriction(s): Enrollment is limited to Graduate level students.

Equivalent: HIS 6780

INF 6850 Issues in Information Sciences Cr. 1,3

Critical analysis research in the information sciences, socio-technological trends, implications for the profession. Topics to be announced in Schedule of Classes. Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students.

Repeatable for 9 Credits

INF 7040 Management and Leadership Cr. 3

Library as an organization in various settings, functional diversification, staffing patterns, program planning, budgeting, performance evaluation, communication, and public relations. Core course. Offered Every Term.

Prerequisites: INF 6080 with a minimum grade of C (may be taken concurrently) and INF 6010 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7050 Public Libraries Cr. 3

Development of concepts introduced in LIS 6010; history, organization and function of public libraries; development of skills necessary to public librarianship. Offered Yearly.

Prerequisites: INF 7040 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7060 Academic Libraries Cr. 3

Development of topics introduced in LIS 7040; history, organization, and function of the academic library within educational and research institutions; development of management and personnel concepts necessary to academic librarianship. Offered Fall.

Prerequisites: INF 7040 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7070 Special Libraries and Information Centers Cr. 3

History, organization, and functions of various types of special libraries and skills necessary to deliver a wide range of services. Offered Winter.

Prerequisites: INF 6120 with a minimum grade of C and INF 7040 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7250 Programming and Services for Children and Young Adults Cr. 3

Principles and procedures for planning, managing and delivery of public library services to children and young adults. Offered Winter.

Prerequisites: INF 6080 with a minimum grade of C and INF 6010 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7310 School Library Media Programs Cr. 3

Role of library media programs in the school; methods of planning, organizing, and operating such programs; impact of technology upon instruction and library service. Core course. Offered Every Other Year.

Prerequisites: INF 6010 with a minimum grade of C and INF 6080 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7320 The Media Specialist as Teacher and Instructional Consultant Cr. 3

Instructional functions of the library media specialist in terms of integrating information processing skills in the curriculum through the instructional design process by working in partnership with teachers and applying the principles of teaching and learning theories. Offered Every Other Year.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7340 Collection Development and Selection of Materials Cr. 3

Philosophy, principles and procedures for provision of materials and a collection that will meet the needs of the library's clientele. Concepts and procedures of community study, intellectual freedom, evaluation of materials, the use of selection aids, and an introduction to the publishing world. Offered Every Term.

Prerequisites: INF 6010 with a minimum grade of C and INF 6080 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate or Law level students; enrollment limited to students in the School of Information Sciences.

INF 7370 Culture Matters: Decolonizing Information Cr. 3

Study of impact of cultural diversity on library services; development of relevant collections; effective interaction with a diverse community. Offered Winter.

Prerequisites: INF 6120 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7430 Building Web-Based Information Services Cr. 3

Principles of systems administration, file server supervision and local networks, and Internet and the World Wide Web management for library, information science, and archival environments. Offered Fall.

Prerequisites: INF 6080 with a minimum grade of C

Corequisite: INF 6000

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7435 Integrated Library Systems Cr. 3

Practical experience with common Integrated Library Systems; understanding the role of ILS in function of the information organization. Extensive use of computing facilities. Offered Spring/Summer.

Prerequisites: INF 6210 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7440 Scripting Languages Cr. 3

Basic skills in using scripting languages to program and manipulate data structures for text information in library applications such as databases and websites. Offered Winter.

Prerequisites: INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7450 User Experience (UX) Design Cr. 3

An introduction to user experience (UX) design, this course applies concepts of human-computer interaction through a series of assignments and a class project, which deal with methods of designing and developing a system/product with effective UX. Offered Yearly.

Restriction(s): Enrollment is limited to Graduate level students.

INF 7470 Information Architecture Cr. 3

Dissemination of information that affects context, content and user. Associations with website development; use in technical writing, presentation preparation, report generation. Offered Winter.

Prerequisites: INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7491 Data Analytics Cr. 3

Key areas of information analytics used by data librarians: quantitative statistics, computer simulation, and data mining tools/techniques. Offered Yearly.

Prerequisites: INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7492 Information Visualization Cr. 3

Analysis of large data sets and drawing insights through use of information technology tools, statistical techniques, charts and graphs. Offered Yearly.

Prerequisites: INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7500 Information Behavior Cr. 3

Totality of human behavior in relation to sources and channels of information. Information needs and barriers; information seeking, use and dissemination; information poverty and information overload; topics studied in variety of contexts. Offered Fall.

Prerequisites: INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7610 Health Sciences Information Services and Resources Cr. 3

First in series of three courses, designed to provide students with skills necessary to become health sciences librarians. Offered Every Other Year.

Prerequisites: (INF 6120 with a minimum grade of C and INF 6210 with a minimum grade of C) or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7620 Health Informatics Cr. 3

Overview of health informatics and e-science, and critical role of health information technologies to enhance quality healthcare. Offered Winter.

Prerequisites: INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7710 Archival Administration Cr. 3

Basic training in archival methods. Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students.

Equivalent: HIS 7840

INF 7712 Intellectual Property for Information Professionals and Archivists Cr. 1

Intellectual Property issues are challenging for those in information management. The complexity of ownership, reproduction rights, access rights, preservation copies and digital surrogates as well as existing copyright and case law decisions are dissected in this course. Offered Winter.

Restriction(s): Enrollment is limited to Graduate level students.

INF 7715 Archival Reference Cr. 1

This course addresses the challenges in relating to researchers, assisting them in understanding what exists and what does not, as well as designing a reference process with the researcher in mind. There will also be some exposure to conducting a reference interview and how to help a user define what they need. Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students.

INF 7730 Administration of Audio Visual Collections Cr. 3

Basic course in the fundamentals of administering a visual collection: evaluation, organization, and control of visual collections in archives, librarians, historical agencies, and museums. Offered Winter.

Prerequisites: INF 7710 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students.

Equivalent: HIS 7890

INF 7740 Archives and Libraries in the Digital World Cr. 3

Overview of electronic tools and the role of digital process in libraries and archives. Offered Spring/Summer.

Prerequisites: INF 6010 with a minimum grade of C, INF 7710 with a minimum grade of C, or HIS 7840 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students.

Equivalent: HIS 7745

INF 7750 Introduction to Archival and Library Conservation Cr. 3

Fundamentals of archival and library conservation problems and methods essential for effective preservation management of paper and associated materials. Offered Spring/Summer.

Prerequisites: INF 6010 with a minimum grade of C, INF 7710 with a minimum grade of C, or HIS 7840 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students.

Equivalent: HIS 7810

INF 7770 Oral History: A Methodology for Research Cr. 3

Techniques of gathering data from individuals for use in research, classroom teaching, historical, cultural or other contexts. Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students.

Equivalent: HIS 7860

INF 7780 Description and Access for Archives Cr. 3

Investigation of description of archival materials emphasizing the electronic technologies and standard practices. Offered Yearly.

Prerequisites: INF 7710 with a minimum grade of C (may be taken concurrently) or HIS 7840 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students.

Equivalent: HIS 7820

INF 7790 History of Books, Printing, and Publishing Cr. 3

Development of writing, the alphabet, early materials, manuscripts, paper making, invention and spread of printing, famous presses, modern methods of print and electronic production. The book as artistic output of the culture and part of the world in which it was produced. Offered Yearly.

Prerequisites: INF 6010 with a minimum grade of C and INF 6080 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7830 Community Engagement Cr. 3

Community engagement in the context of Library and Information Science refers to the ways that information professionals in libraries, archives, and museums (for the purposes of this course called, public information institutions) learn about, collaborate with, and provide service and outreach to community members. Public information institutions and libraries in particular have historically enjoyed a high degree of public trust and respect. Today, librarians and information professionals in these settings are building on that trust and working to support, invigorate, and sustain the communities they serve by collaborating with members of those communities. Offered Yearly.

Prerequisites: INF 6010 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students.

INF 7835 Community Archives Cr. 3

This class focuses on the history, politics, challenges, and possibilities of community archives. Through lectures, readings, discussion, projects, and critical engagement with community archives projects students will develop an understanding of community-based archives. Offered Winter.

Restriction(s): Enrollment is limited to Graduate level students.

INF 7880 Instructional Methods for Librarians Cr. 3

Introduction to library instruction, bibliographic instruction, information literacy, or user education for those expected to provide library instruction to clients. Offered Yearly.

Prerequisites: INF 6120 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

INF 7885 Cultural Heritage Institutions: Management and Leadership Cr. 3

The operation of public and private historical agencies, archives and museums. Determination of agency priorities, problems of staffing and finance, governmental regulations, community relations, and professional ethics. Offered Fall.

Restriction(s): Enrollment is limited to Graduate level students.

Equivalent: HIS 7880

INF 7900 Digital Libraries Cr. 3

Critical issues, theoretical and practical principles of digital libraries. Offered Yearly.

Prerequisites: INF 6010 with a minimum grade of C, INF 6080 with a minimum grade of C, INF 6120 with a minimum grade of C, and INF 6210 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7910 Metadata in Theory and Practice Cr. 3

Theoretical and practical principles of metadata used to provide access to digital objects online. Offered Yearly.

Prerequisites: INF 6010 with a minimum grade of C, INF 6080 with a minimum grade of C, INF 6120 with a minimum grade of C, and INF 6210 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7920 Digital Curation and Preservation Cr. 3

Theoretical principles and practical aspects of digital curation and preservation within libraries, museums, archives and other institutions administering data and digital content. Offered Yearly.

Prerequisites: INF 6210 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7940 Human-Computer Interaction Cr. 3

Interactions between human beings and computer technologies through usability evaluations and user experience design. Offered Fall.

Prerequisites: INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7950 Practicum: Library Services Cr. 3

Practical experience with digital content under direction of professional librarian and supervision of faculty member. Theory and competencies relevant to the environment. Seminars to be arranged. Offered Yearly.

Prerequisites: INF 6010 with a minimum grade of C, INF 6080 with a minimum grade of C, INF 6120 with a minimum grade of C, INF 6210 with a minimum grade of C, INF 7040 with a minimum grade of C, and 9 credits from INF 6000-9999

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7960 Practicum: Information Management Cr. 3

Practical experience with technology-based information management under direction of information professional and supervision of a faculty member. Theory and competencies relevant to the project activities. Seminars to be arranged. Students are eligible to enroll in their last semester. Offered Every Term.

Prerequisites: INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7970 Practicum: Archives Cr. 3

On-site experience in archival center under direction of professional librarian or archivist and supervision of faculty member. Theory and competencies relevant to the environment. Offered Every Term.

Prerequisites: INF 7710 with a minimum grade of C, INF 7780 with a minimum grade of C, and 2 of (INF 6780, INF 7730, INF 7740, INF 7750, INF 7770, or INF 7885)

Restriction(s): Enrollment is limited to Graduate level students.

Equivalent: HIS 7685

INF 7975 Practicum: Digital Content Cr. 3

Practical experience with digital content under direction of professional librarian and supervision of faculty member. Theory and competencies relevant to the environment. Offered Every Term.

Prerequisite: INF 7900 with a minimum grade of C and INF 7910 with a minimum grade of C and INF 7920 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

Repeatable for 6 Credits

INF 7980 Practicum: School Media Cr. 2-3

On-site experience in school library media/information center under direction of professional librarian and supervision of faculty member; theory and competencies. Seminars to be arranged. Offered Every Term.

Prerequisites: 9 credits from INF 6000-9999, INF 6120 with a minimum grade of C, INF 6210 with a minimum grade of C, and INF 7310 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7990 Research and Directed Study Cr. 1-8

Directed study and individual research under faculty guidance. Offered Every Term.

Prerequisites: INF 6010 with a minimum grade of C and INF 6080 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.

Repeatable for 8 Credits

INF 7996 Research for the Information Profession Cr. 3

Role of research in development of the profession. Research methods; analysis and evaluation of research reports. Core course. Offered Every Term.

Prerequisites: (INF 6120 with a minimum grade of C and INF 6210 with a minimum grade of C) or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 8000 Seminar in Information Policy Cr. 3

How information policies improve or set constraints on the goals and objectives of libraries and other information organizations. Effect of policies on interpersonal and financial quality of communities. Economic, technical, and ethical policy questions. Offered Yearly.

Prerequisites: INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C (may be taken concurrently)

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 8140 Advanced Reference Service Strategies Cr. 3

Information needs and seeking behaviors, reference interview techniques, and information literacy. Offered Fall.

Prerequisites: INF 6120 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 8160 Advanced Online Searching Cr. 3

Advanced topics in online searching using broad range of databases, including Internet resources. Topics include: sophisticated search strategies, competitive intelligence, retrieval and organization of citations. Offered Winter.

Prerequisites: INF 8140 with a minimum grade of C

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 8850 Advanced Issues in Information Sciences Cr. 3

Current topics affecting the information sciences. Offered Every Term.

Restriction(s): Enrollment is limited to Graduate level students.

Repeatable for 9 Credits

INF 8998 Specialist's Research Seminar Cr. 3

Advanced research methods and application. Offered Spring/Summer.

Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.