INFOST 101 Information Literacy
1 cr. Undergraduate.
Emphasis on techniques in information gathering for students to build expertise in exploring information sources and services. Provides foundation for independent life-long learning experiences.
Prerequisites: none.
Last Taught: Spring 2013, Fall 2012, Spring 2012, Fall 2011.
Current Offerings: [Link to schedule]

INFOST 110 Introduction to Information Science and Technology
3 cr. Undergraduate.
Introduces basic issues in information science, including the nature of information, information policy, knowledge organization, information services, and the relationships between information technologies and society.
Prerequisites: none.
Course Rules: Counts as repeat of InfoSt 110X.
Current Offerings: [Link to schedule]

INFOST 120 Information Technology Ethics
3 cr. Undergraduate.
Comprehensive overview of the current ethical issues in information and technology use.
Prerequisites: none.
Course Rules: Counts as repeat of InfoSt 120X.
General Education Requirements: HU
Current Offerings: [Link to schedule]

INFOST 150 Introduction to Information Resources on the Internet
3 cr. Undergraduate.
Overview of the internet and its resources and services. Introduction to information retrieval and research skills on the internet.
Prerequisites: none.
Course Rules: Counts as repeat of InfoSt 150X.
Last Taught: Spring 2015, Fall 2014, Fall 2013, Fall 2012.
Current Offerings: [Link to schedule]

INFOST 210 Information Resources for Research
3 cr. Undergraduate.
Introduction to research processes necessary for effective, college-level, library research. Emphasizes analysis of research questions, development of search strategies, and critical evaluation of materials.
Prerequisites: none.
Course Rules: Counts as repeat of InfoSt 210X.
General Education Requirements: HU
Current Offerings: [Link to schedule]

INFOST 230 Organization of Knowledge
3 cr. Undergraduate.
An interdisciplinary introduction to information and knowledge organization, including principles of conceptual systems in various disciplines and their relevance and application to knowledge organization.
Prerequisites: none.
Course Rules: Counts as repeat of InfoSt 230X.
Current Offerings: [Link to schedule]

INFOST 240 Web Design I
3 cr. Undergraduate.
Uses popular authoring tools to cover the basics of organizing information.
Prerequisites: none.
Course Rules: Counts as repeat of InfoSt 240X.
Current Offerings: [Link to schedule]

INFOST 250 Internet Communications and Information Transfer
3 cr. Undergraduate.
Special emphasis will be upon the Internet and information communications and new communication technologies influencing information services.
Prerequisites: InfoSt(L&I Sci) 110(P).
Last Taught: Summer 2016, Summer 2015, Summer 2014, Fall 2013.
Current Offerings: [Link to schedule]

INFOST 291 Special Topics in Information Science and Technology:
1-3 cr. Undergraduate.
New developments and research in information science & technology. Specific credits and any additional prereqs announced in Schedule of Classes whenever course is offered.
Prerequisites: none.
Course Rules: May be retaken w/chg in topic to 9 cr max.
Last Taught: Fall 2015, Spring 2015, Fall 2014, Spring 2014.
Current Offerings: [Link to schedule]

INFOST 297 Study Abroad:
1-12 cr. Undergraduate.
Designed to enroll students in UWM sponsored program before course work levels, content, and credits are determined and/or in specially prepared program course work.
Prerequisites: acceptance for Study Abroad Prog.
Course Rules: May be retaken w/chg in topic.
Last Taught: Spring 2017, Fall 2016, Fall 2012, Fall 2011.
Current Offerings: [Link to schedule]

INFOST 310 Human Factors in Information Seeking and Use
3 cr. Undergraduate.
Overview of human information needs, seeking, and processing, including human factors in the design, development and evaluation of information services.
Prerequisites: InfoSt 110(C).
Course Rules: Counts as repeat of InfoSt 310X.
Current Offerings: [Link to schedule]
INFOST 320 Web Design II
3 cr. Undergraduate.
Examination and utilization of advanced technologies and practices being employed in web usability and design.
Prerequisites: InfoSt 240(P).
Course Rules: Counts as repeat of InfoSt 491 Advanced Web Design & InfoSt 320X.
Last Taught: Fall 2017, Summer 2017, Fall 2016, Spring 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 325 Information Security I
3 cr. Undergraduate.
Introduction to issues and practices related to the protection of information and other digital assets.
Prerequisites: jr st.
Course Rules: Counts as repeat of InfoSt(L&I Sci) 491 w/same topic.
Current Offerings: http://uwm.edu/schedule

INFOST 330 Electronic Information Retrieval Systems
3 cr. Undergraduate.
Basics of using electronic information retrieval systems, emphasizing internet and commercial services, in order to obtain information. Includes weekly laboratory sessions.
Prerequisites: InfoSt(L&I Sci) 210(P) & 110(P).
Course Rules: Counts as repeat of InfoSt 330X.
Last Taught: Spring 2017, Fall 2016, Spring 2016, Summer 2015.
Current Offerings: http://uwm.edu/schedule

INFOST 340 Introduction to Systems Analysis
3 cr. Undergraduate.
Theories, principles, and tools for planning, organizing, assessing, and evaluating information. Emphasizes the importance of user’s perspective. Covers the various stages of systems analysis and outlines the appropriate methods for each stage.
Prerequisites: InfoSt 310(C) & 410(C).
Course Rules: Counts as repeat of InfoSt 340X.
Current Offerings: http://uwm.edu/schedule

INFOST 350 Introduction to Application Development
3 cr. Undergraduate.
Introduction to the fundamental concepts of application development. Basic application development concepts will be explained, analyzed, and practiced.
Prerequisites: InfoSt 110(C) or cons instr.
Course Rules: Counts as repeat of InfoSt 291 with topic Intro to Programming.
Last Taught: Spring 2018, Fall 2017, Summer 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 350X Introduction to Application Development
3 cr. Undergraduate.
Introduction to the fundamental concepts of application development. Basic application development concepts will be explained, analyzed, and practiced.
Prerequisites: InfoSt 110(C) or cons instr.
Course Rules: Counts as repeat of InfoSt 291 with topic Intro to Programming.
Last Taught: Spring 2018, Fall 2017, Summer 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 370 Data Analysis and Visualization for the Information Professional
3 cr. Undergraduate.
Introduction to data analysis and visualization using simple statistical analyses to create graphical depictions of data that can improve comprehension, communication, and decision making.
Prerequisites: satisfaction of GER QL Part A.
Course Rules: Counts as repeat of InfoSt 370X.
General Education Requirements: QLB
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 375 Multimedia Web Design
3 cr. Undergraduate.
Fundamentals of interactive Web development and scripting, allowing students to create Web animations and render interactivity of information on the Web.
Prerequisites: InfoSt(L&I Sci) 240(P).
Course Rules: Counts as repeat of InfoSt 376X.
Current Offerings: http://uwm.edu/schedule

INFOST 383 Native Mobile Applications
3 cr. Undergraduate.
Fundamentals of native mobile application development including development environments, mobile OS considerations, and the potential and limitations of mobile applications.
Prerequisites: none
Course Rules: Counts as repeat of InfoSt 491 w/similar topic.
Current Offerings: http://uwm.edu/schedule

INFOST 385 Information Security II
3 cr. Undergraduate.
Advanced topics and practices in information security including social, technological, educational and economic implications of information security and privacy.
Prerequisites: InfoSt 325(P).
Course Rules: Counts as repeat of InfoSt(L&I Sci) 491 w/same topic.
Current Offerings: http://uwm.edu/schedule

INFOST 399 Independent Study
1-3 cr. Undergraduate.
Guided readings or research under faculty supervision.
Prerequisites: jr st; 24 cr in IST major; cons instr.
Course Rules: May be retaken to max of 6 cr.
Current Offerings: http://uwm.edu/schedule

INFOST 410 Database Information Retrieval Systems
3 cr. Undergraduate.
Introduces the design and development of different types of electronic information systems, including database types, design issues, application development, and software selection and evaluation.
Prerequisites: jr st.
Course Rules: Counts as repeat of InfoSt 410X.
Current Offerings: http://uwm.edu/schedule
INFOST 425 Books, Paper, and Their Preservation
1 cr. Undergraduate/Graduate.
History, theory, and practical application of conservation solutions currently practiced by professional conservators.
Prerequisites: jr st.
Current Offerings: [link to schedule]

INFOST 430 Multimedia Application Development
3 cr. Undergraduate.
This course covers the basic concepts of multimedia and their applications in information services, including image representation and processing and multimedia information delivery.
Prerequisites: InfoSt(L&I Sci) 310(P).
Last Taught: Fall 2016, Fall 2015, Spring 2015, Fall 2014.
Current Offerings: [link to schedule]

INFOST 440 Web Application Development
3 cr. Undergraduate.
The interactive web design server interaction. Special emphasis on database connectivity and application development on the Internet.
Prerequisites: InfoSt 240(P), InfoSt 350(P), or cons instr.
Course Rules: Counts as repeat of InfoSt 440X.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: [link to schedule]

INFOST 465 Legal Aspects of Information Products and Services
3 cr. Undergraduate/Graduate.
Introduction to legal environment surrounding development and use of information products and services, including intellectual property, and issues specific to internet and other digital mediums.
Prerequisites: jr st.
Course Rules: Counts as repeat of InfoSt 465X.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: [link to schedule]

INFOST 490 Senior Capstone
3 cr. Undergraduate.
Analysis, creation, development and presentation of an information retrieval system project for an information organization.
Prerequisites: sr st; InfoSt(L&I Sci) 340(P) & 410(P).
Course Rules: Counts as repeat of InfoSt 490X.
Current Offerings: [link to schedule]

INFOST 491 Advanced Topics in Information Science & Technology
1-3 cr. Undergraduate.
Advanced examination of emerging developments and research in information science & technology.
Prerequisites: jr st; additional prerq announced each offering.
Course Rules: May be retaken w/chg in topic to 15 cr max.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: [link to schedule]

INFOST 495 Information Internship
1-3 cr. Undergraduate.
Field experience of 50-150 hours under faculty and field supervisor guidance. Student must also complete a supervised field project.
Prerequisites: 12 cr in the IST major; cons instr.
Course Rules: May enroll in 2 sections in same term to 9 cr max.
Current Offerings: [link to schedule]

INFOST 497 Study Abroad:
1-12 cr. Undergraduate/Graduate.
Designed to enroll students in UWM sponsored program before course work levels, content, and credits are determined and/or in specially prepared program course work.
Prerequisites: jr st; acceptance for Study Abroad Prog.
Course Rules: May be retaken w/chg in topic.
Last Taught: Summer 2017, Summer 2016, Spring 2016, Fall 2015.
Current Offerings: [link to schedule]

INFOST 501 Foundations of Library and Information Science
3 cr. Undergraduate/Graduate.
Historical introduction to library and information science (LIS); outline of the role of information agencies in disseminating knowledge to users; overview of research in LIS.
Prerequisites: jr st.
Current Offerings: [link to schedule]

INFOST 511 Organization of Information
3 cr. Undergraduate/Graduate.
Introduction to basic concepts in the theoretical, practical, and technological aspects of information organization.
Prerequisites: jr st.
Course Rules: Not open for cr to students with cr in InfoSt(L&I Sci) 530.
Current Offerings: [link to schedule]

INFOST 521 Introduction to Reference Services and Resources
3 cr. Undergraduate/Graduate.
An investigation into reference services, reference interviews, and organization, including critical examination of basic reference sources.
Prerequisites: jr st; InfoSt(L&I Sci) 501(P) or cons instr.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: [link to schedule]

INFOST 524 Management of Libraries and Information Services
3 cr. Undergraduate/Graduate.
The library/information center as a service organization. Management of the library/information center: planning, budgeting, decision making, leadership styles, motivation, communication, personnel and financial management.
Prerequisites: jr st; InfoSt(L&I Sci) 501(P); or cons instr.
Current Offerings: [link to schedule]

INFOST 525 Managing Library Collections
3 cr. Undergraduate/Graduate.
Theory and practice of collection management across formats including selection tools and criteria, acquisition and evaluation of collections, deselection, preservation, and other collection development topics.
Prerequisites: jr st; InfoSt(L&I Sci) 501(P) or cons instr.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: [link to schedule]

INFOST 530 Organization of Information Technology
3 cr. Undergraduate/Graduate.
Introduction to basic concepts in the theoretical, practical, and technological aspects of information organization.
Prerequisites: jr st; InfoSt(L&I Sci) 501(P) or cons instr.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: [link to schedule]

INFOST 547 User-Centered Interaction Design
3 cr. Undergraduate/Graduate.
Introduction of human-computer interaction theories and design processes. Emphasis is on applied user experience (UX) design.
Prerequisites: sr st.
Course Rules: Jointly offered with & counts as repeat of CompSci 547.
Last Taught: Spring 2018.
Current Offerings: [link to schedule]
INFOST 571 Information Access and Retrieval
3 cr. Undergraduate/Graduate.
An overview of the concepts and theory related to information retrieval.
Prerequisites: jr st.
Current Offerings: http://uwm.edu/schedule

INFOST 582 Introduction to Data Science
3 cr. Undergraduate/Graduate.
Introduces basic concepts, background, theoretical, practical and technological aspects of data science.
Prerequisites: jr st; or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 583 Survey of Information Security
3 cr. Undergraduate/Graduate.
Introduces information security concepts, issues, and technological practices related to privacy, trust, and protection of information and digital assets.
Prerequisites: jr st or cons instr.
Last Taught: Fall 2017, Summer 2017, Fall 2016, Summer 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 584 Survey of Web and Mobile Content Development
3 cr. Undergraduate/Graduate.
Current best practices and theory for the development of content and applications across different platforms, systems, and devices emphasizing responsive design and frameworks.
Prerequisites: jr st or cons instr.
Last Taught: Fall 2017, Fall 2016, Spring 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 603 History of Books and Printing
3 cr. Undergraduate/Graduate.
The people, ideas, and events in the history of bookmaking from ancient times to the 1890’s.
Prerequisites: jr st.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 619 Topics in Information Organization:
1-3 cr. Undergraduate/Graduate.
Study of particular topics in Information Organization. Specific topics announced in Schedule of Classes each time course is offered.
Prerequisites: jr st & InfoSt(L&I Sci) 511(531)(P); or cons instr.
Course Rules: May be retaken w/chg in topic to 9 cr max.
Current Offerings: http://uwm.edu/schedule

INFOST 622 Information Marketing
3 cr. Undergraduate/Graduate.
Concepts and principles of marketing and strategic planning as they apply to libraries and information agencies; case studies in information brokering and repackaging.
Prerequisites: jr st.
Current Offerings: http://uwm.edu/schedule

INFOST 627 Music Librarianship
3 cr. Undergraduate/Graduate.
Examination of materials used in obtaining music information and in establishing bibliographic control. Emphasis on reference, library instruction, collection management, and organization of music collections.
Prerequisites: jr st; InfoSt(L&I Sci) 511(531)(P), 571(P); or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 632 Microcomputers for Information Resources Management:
3 cr. Undergraduate/Graduate.
Use and applications of microcomputers in various library and information management functions. Requires 1-2 hrs of weekly laboratory time.
Prerequisites: jr st & cons instr.
Last Taught: Summer 2011, Fall 2010, Summer 2010, Fall 2009.
Current Offerings: http://uwm.edu/schedule

INFOST 642 School Library Media Programs and Resources
3 cr. Undergraduate/Graduate.
A study of the functions of the school library media center as an educational component including service, administration, collection development and utilization of materials.
Prerequisites: jr st; InfoSt(L&I Sci) 511(531)(P), 520(P), 571(P); or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 644 School Library Practicum
1-3 cr. Undergraduate/Graduate.
Field experience of 210 hours in elementary and secondary school library media services under faculty and field supervisor guidance.
Prerequisites: jr st; school library media certification program students only; InfoSt(L&I Sci) 511(531)(P), 520(P), 571(P) & 642(672)(C); or cons instr.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 645 Library Materials for Children
3 cr. Undergraduate/Graduate.
Introduction to print and media resources available in library collections; selection procedures, evaluation criteria, access and promotion of use of materials.
Prerequisites: jr st.
Current Offerings: http://uwm.edu/schedule

INFOST 646 Library Materials for Young Adults
3 cr. Undergraduate/Graduate.
Criteria for evaluation and selection of materials for young adults, emphasizing current resources, techniques of reading guidance and book talks.
Prerequisites: jr st.
Current Offerings: http://uwm.edu/schedule
INFOST 650 An Introduction to Modern Archives Administration
3 cr. Undergraduate/Graduate.
An introduction to the archives profession, archives administration, main uses of primary sources in academic research, and archival issues regarding the Internet and other technologies.
Prerequisites: jr st; InfoSt 501(C).
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 655 Information and Records Management:
3 cr. Undergraduate/Graduate.
Principles and practices of information and records management: organizational information needs, retention, schedules, vital records protection, micrographics, records centers and records management policy.
Prerequisites: jr st.
Last Taught: Spring 2018, Fall 2016, Fall 2015, Spring 2015.
Current Offerings: http://uwm.edu/schedule

INFOST 656 Electronic Documents and Records Management
3 cr. Undergraduate/Graduate.
A study of electronic records management, including digital media, information lifecycle management, access, security, media stability, migration, and long-term preservation.
Prerequisites: jr st; InfoSt(L&I Sci) 655(P) or cons instr.
Course Rules: Counts as repeat of InfoSt(L&I Sci) 659 w/similar topic.
Last Taught: Spring 2017, Fall 2013, Fall 2012, Spring 2012.
Current Offerings: http://uwm.edu/schedule

INFOST 660 Information Policy
3 cr. Undergraduate/Graduate.
Explore various aspects of information policy including privacy, intellectual property, and intellectual freedom; covers applicable methodologies.
Prerequisites: jr st.
Last Taught: Spring 2018, Fall 2015, Fall 2014, Fall 2013.
Current Offerings: http://uwm.edu/schedule

INFOST 661 Information Ethics
3 cr. Undergraduate/Graduate.
Ethical traditions, concepts, and principles for the information professions in the global information society; ethical implications of information technologies.
Prerequisites: jr st & InfoSt(L&I Sci) 110(P); 501(P) or cons instr.
Course Rules: Counts as a repeat of L&I Sci 691 w/similar topic.
Current Offerings: http://uwm.edu/schedule

INFOST 670 Instructional Technologies
3 cr. Undergraduate/Graduate.
Traditional technologies, multimedia formats, and computer-based technologies for instructional purposes.
Prerequisites: jr st; InfoSt(L&I Sci) 632(P).
Course Rules: No degree cr for students with cr in InfoSt(L&I Sci) 668 or 669.
Last Taught: Fall 2017, Fall 2016, Spring 2016, Spring 2015.
Current Offerings: http://uwm.edu/schedule

INFOST 674 The Search Engine Society
3 cr. Undergraduate/Graduate.
Critical examination of the role of search engines in contemporary society, including impact on information organization and retrieval, information institutions, information policy, law, and ethics.
Prerequisites: jr st; InfoSt(L&I Sci) 501(P) or cons instr.
Course Rules: Counts as repeat of InfoSt(L&I Sci) 691 w/similar topic.
Last Taught: Summer 2016, Summer 2015.
Current Offerings: http://uwm.edu/schedule

INFOST 675 Information Technology and Organizations
3 cr. Undergraduate/Graduate.
Topical seminar, exploring the relationship between information technology (IT) culture, organizations and the organization of work, cultures, subcultures; sociology of IT work; enterprise systems; knowledge management; data mining and IT careers.
Prerequisites: jr st.
Last Taught: Spring 2016, Spring 2015, Fall 2013.
Current Offerings: http://uwm.edu/schedule

INFOST 682 Digital Libraries
3 cr. Undergraduate/Graduate.
Concepts and technologies for development of digital libraries. Topics include tools for multimedia digitization, organization of digital resources, and evaluation of digital libraries and gateways.
Prerequisites: jr st & InfoSt(L&I Sci) 110(P); 501(P); or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 685 Electronic Publishing and Web Design
3 cr. Undergraduate/Graduate.
An introduction to principles of visual communications related to electronic media with emphasis on website development, electronic documents, and production and dissemination of electronic information.
Prerequisites: jr st.
Course Rules: Counts as repeat of InfoSt(L&I Sci) 691 w/similar topic.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 688 Digital Libraries
3 cr. Undergraduate/Graduate.
Concepts and technologies for development of digital libraries. Topics include tools for multimedia digitization, organization of digital resources, and evaluation of digital libraries and gateways.
Prerequisites: jr st & InfoSt(L&I Sci) 110(P); 501(P); or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 691 Special Topics in Information Science
1-3 cr. Undergraduate/Graduate.
An exploration of current topics in information science. Specific topics and any additional prerequisites will be announced in Schedule of Classes each time course is offered.
Prerequisites: jr st; cons instr.
Course Rules: May be retaken w/chg in topic to max of 9 cr.
Current Offerings: http://uwm.edu/schedule

INFOST 710 Comparative Bibliography
3 cr. Graduate.
Introduction to concepts of knowledge records (i.e. documents, information objects, etc.) and the artifacts that convey them. A survey of techniques of enumerative, descriptive, and analytical bibliography, and bibliometric domain analysis.
Prerequisites: grad st; InfoSt 511(531) (P); or cons instr.
Last Taught: Fall 2016.
Current Offerings: http://uwm.edu/schedule
INFOST 711 Cataloging and Classification
3 cr. Graduate.
Introduction to principles and practices of resource description, subject cataloging, and classification in a variety of library settings.
Prerequisites: grad st; InfoSt(L&I Sci) 511(531)(P) or cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 712 Resource Description for Library Catalogs
3 cr. Graduate.
Application of standards and rules to the construction of tools for information retrieval, primarily digital resources and catalogs in library and information environments.
Prerequisites: grad st; L&I Sci 711(P) or cons instr
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

INFOST 713 Subject Analysis in Library Catalogs
3 cr. Graduate.
Theories, principles, and major methods of subject cataloging and classification as practiced in interactive online environments.
Prerequisites: grad st; InfoSt(L&I Sci) 711(P) or cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 714 Metadata
3 cr. Graduate.
Principles and application of metadata for networked information resource organization, representation, retrieval, and interoperability using a variety of schemes; focus on cultural heritage digital repositories.
Prerequisites: grad st; MLIS prereqs: InfoSt 501(P); InfoSt 571(R) or MSIST prereqs: InfoSt 582(P).
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 715 Music Cataloging
3 cr. Graduate.
Bibliographic control of music materials. Descriptive cataloging, authority control, subject analysis and classification of music materials. Structure of music catalogs and requirements for effective retrieval.
Prerequisites: grad st; InfoSt 511(P)
Last Taught: Summer 2015.
Current Offerings: http://uwm.edu/schedule

INFOST 716 Thesaurus Construction
3 cr. Graduate.
Overview of thesaurus construction, vocabulary control and ontology. Design and construction of thesauri, including domain analysis, vocabulary extraction, concept clustering, ordering, structural relations, thesaurus maintenance.
Prerequisites: grad st; InfoSt(L&I Sci) 511(531)(P), 591(P).
Current Offerings: http://uwm.edu/schedule

INFOST 717 Information Architecture
3 cr. Graduate.
Introduction to information architecture and user experience design, focusing on designing user-centered organization, labeling, navigation, search, metadata, and knowledge organization systems for websites.
Prerequisites: grad st; InfoSt(L&I Sci) 511(531)(P).
Current Offerings: http://uwm.edu/schedule

INFOST 719 Advanced Topics in Information Organization
3 cr. Graduate.
Advanced study of a particular topic in Information Organization.
Prerequisites: grad st; InfoSt(L&I Sci) 511(P) or cons instr.
Course Rules: May be repeated w/ chg in topic to 9 cr. max.
Last Taught: Spring 2015, Fall 2014, Summer 2014, Fall 2013.
Current Offerings: http://uwm.edu/schedule

INFOST 722 Entrepreneurship and Innovation for LIS Professionals
3 cr. Graduate.
Introduces entrepreneurial concepts and practices in the library and information science professions, examines alternative career options, and provides an opportunity to apply entrepreneurial methods and processes.
Prerequisites: InfoSt 501(P) or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 734 Library Services and Resources for Adults
3 cr. Graduate.
Introduction to the wide range of services and materials with which the library meets the needs of adult patrons.
Prerequisites: grad st; InfoSt(L&I Sci) 520(C); 571(P); or cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 735 The Academic Library
3 cr. Graduate.
Administration of the college and university library, including a study of budgets, personnel, building and collections requirements, and cooperative programs.
Prerequisites: grad st; InfoSt(L&I Sci) 501(C); 511(531)(P); 520(C); 524(540)(R); & 571(C); or cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 736 The Public Library
3 cr. Graduate.
Overview of issues and functions of american public libraries; including trends in governance, program planning and evaluation, community analysis, alternative funding, library use and users.
Prerequisites: grad st; InfoSt(L&I Sci) 501(C); 511(531)(P); 520(C); 524(540)(P); 571(C); or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 738 Legal Information Sources and Services
3 cr. Graduate.
A study of legal sources of federal and Wisconsin law including the use of law finders, statutes, cases and digests.
Prerequisites: grad st; InfoSt(L&I Sci) 571(P)
Current Offerings: http://uwm.edu/schedule

INFOST 739 Digital Information Services
3 cr. Graduate.
Examination of major issues involved in digital information services. Comparison of differences and similarities between digital and face-to-face services, evaluation of DIS and current trends.
Prerequisites: grad st; InfoSt(L&I Sci) 682(P); 510(P); & 571(P).
Current Offerings: http://uwm.edu/schedule
INFOST 740 Information Literacy Instruction
3 cr. Graduate.
Concepts and principles involved in teaching information literacy; emphasis on organizing and developing courses and individual sessions.
Prerequisites: grad st; InfoSt(L&I Sci) 501(P)
Current Offerings: http://uwm.edu/schedule

INFOST 741 Multicultural Children's Literature
3 cr. Graduate.
Exploration of children's literature representing racialized groups in the United States; discussion will focus on evaluating and selecting material.
Prerequisites: grad st; InfoSt(L&I Sci) 645(P) or equivalent; or cons instr.
Course Rules: Counts as repeat of 691 w/ same topic.
Last Taught: Fall 2015, Fall 2014, Fall 2013, Fall 2012.
Current Offerings: http://uwm.edu/schedule

INFOST 745 Library Services for Children and Young Adults
3 cr. Graduate.
A foundation for developing, planning, and programming library services to meet the needs and interests of children and young adults; attention to content and evaluation of literature for these groups.
Prerequisites: grad st; InfoSt(L&I Sci) 645(P) or 646(C); or cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 750 Arrangement and Description in Archives
3 cr. Graduate.
Development of the intellectual framework and critical evaluation skills necessary for the arrangement and description of archival collections.
Prerequisites: grad st; InfoSt(L&I Sci) 650(681)(C) or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

INFOST 752 Archival Outreach: Programs and Services
3 cr. Graduate.
An introduction to archival outreach and reference services for sustaining an archival program committed to public service.
Prerequisites: grad st; InfoSt 650(C) or cons instr.
Last Taught: Fall 2017, Spring 2017, Spring 2016, Fall 2014.
Current Offerings: http://uwm.edu/schedule

INFOST 753 Preserving Information Media
3 cr. Graduate.
Examines all aspects of archival preservation of multiple media formats. Includes discussions of preservation practice, policy and programming in an archives.
Prerequisites: grad st; InfoSt(L&I Sci) 650(P) or cons instr.
Course Rules: InfoSt(L&I Sci) 791 with similar topic counts as repeat of 753.
Current Offerings: http://uwm.edu/schedule

INFOST 758 Technology Issues in Archives
3 cr. Graduate.
This course addresses technology issues facing archivists today and its theoretical and practical implications in collection management, arrangement and description, reference, digitization, and electronic records.
Prerequisites: grad st; INFOST 650; or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 759 Fieldwork in Archives and Manuscripts
1-3 cr. Graduate.
Field experience of 50 to 150 hours in an archives or manuscript repository under faculty and field supervisor guidance. Student must also complete a supervised field project.
Prerequisites: grad st; InfoSt(L&I Sci) 571(P), 524(540)(P); 650(681)(P) or History 775(P); or cons instr.
Course Rules: May be repeated for total of 3 cr.
Current Offerings: http://uwm.edu/schedule

INFOST 761 Information Privacy
3 cr. Graduate.
Graduate seminar on information privacy, undertaking a multi-faceted, multi-disciplinary examination of the relationships between information, technology, law and privacy in our digital society.
Prerequisites: grad st
Course Rules: Counts as repeat of 763 w/similar topic.
Last Taught: Summer 2017.
Current Offerings: http://uwm.edu/schedule

INFOST 763 Topics in Information Policy
1-3 cr. Graduate.
An array of coursework specifically related to the social, ethical, economic, legal, and philosophical aspects of information.
Prerequisites: grad st
Course Rules: May be repeated w/chg in topic to 9 cr max.
Current Offerings: http://uwm.edu/schedule

INFOST 774 Online Information Retrieval
3 cr. Graduate.
Study of bibliographic, non-bibliographic, full-text databases, including document delivery alternatives, evaluation and testing.
Prerequisites: grad st; InfoSt 501(P); 571(P); or cons instr.
Last Taught: Summer 2015, Summer 2013, Summer 2011, Summer 2010.
Current Offerings: http://uwm.edu/schedule

INFOST 780 XML for Libraries
3 cr. Graduate.
Overview of general markup languages; concepts and components of extensible markup language, and the future of publishing and libraries.
Prerequisites: grad st
Current Offerings: http://uwm.edu/schedule

INFOST 783 Information Storage and Retrieval
3 cr. Graduate.
Fundamental analysis and design principles and theories used in systems for the storage, processing, and retrieval of information.
Prerequisites: grad st; InfoSt(L&I Sci) 571(P) or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Spring 2014.
Current Offerings: http://uwm.edu/schedule

INFOST 784 Information Security Management
3 cr. Graduate.
Investigation of key aspects of information security management such as policy, risk analysis and management, education and awareness training, legal compliance, ethical and legal conduct.
Prerequisites: grad st; InfoSt 583 (P).
Current Offerings: http://uwm.edu/schedule
INFOST 785 Database Management Systems for Information Professionals
3 cr. Graduate.
Study of microcomputer database management software (DBMS) and information retrieval (IR) systems and their potential applications for information services.
Prerequisites: grad st
Current Offerings:  http://uwm.edu/schedule

INFOST 786 Multimedia
3 cr. Graduate.
Multimedia and its applications in information systems and instructional environments. Students develop essential skills in the evaluation, creation, editing, and rendering of multimedia.
Prerequisites: grad st; cons instr
Course Rules: Counts as repeat of InfoSt(L&I Sci) 891 w/ same topic.
Current Offerings:  http://uwm.edu/schedule

INFOST 787 Library Automation
3 cr. Graduate.
The current status of automation and network activities among libraries, including an exploration of problems and prospects.
Prerequisites: grad st; InfoSt(L&I Sci) 511(531)(C) or cons instr
Current Offerings:  http://uwm.edu/schedule

INFOST 788 Information Systems: Analysis and Design
3 cr. Graduate.
Analysis, design, and evaluation of information systems. The information system mission, goals and objectives are used to develop measures for judging system effectiveness and efficiency.
Prerequisites: grad st; InfoSt(L&I Sci) 501(P) or cons instr
Current Offerings:  http://uwm.edu/schedule

INFOST 789 Electronic Networking and Information Services:
3 cr. Graduate.
Outlines basic concepts of communication technology, electronic networking, and available information resources and services for information professionals.
Prerequisites: grad st; InfoSt(L&I Sci) 510(P), 571(P) or cons instr
Last Taught: Fall 2006, Fall 2005, Fall 2004, Fall 2003.
Current Offerings:  http://uwm.edu/schedule

INFOST 790 Project Design, Implementation, and Evaluation
3 cr. Graduate.
Culminating experience for MSIST degree program comprising the design, implementation, and evaluation of a capstone project related to the MSIST degree tracks.
Prerequisites: grad st; MSIST degree candidates only; InfoSt 547(P), InfoSt 582(P), InfoSt 583(P), InfoSt 584(P), CompSt 701(P), CompSt 702(P), and CompSt 703(P), or cons instr.
Current Offerings:  http://uwm.edu/schedule

INFOST 791 Topics in Library and Information Science:
1-3 cr. Graduate.
Graduate level treatment of current topics in library and information science. Specific topic and any additional prerequisites announced in Schedule of Classes each time course is offered.
Prerequisites: grad st; InfoSt 501(P) or cons instr
Course Rules: May be repeated w/chg in topic to 9 cr max.
Current Offerings:  http://uwm.edu/schedule

INFOST 799 Research Methods in Information Studies
3 cr. Graduate.
Knowledge of research concepts, methods, and evaluation in library and information science, and applications of research in the information professions.
Prerequisites: grad st; InfoSt(L&I Sci) 501(P); 511(531)(P); 571(P), or cons instr.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings:  http://uwm.edu/schedule

INFOST 823 Seminar in International and Multicultural Information Services
3 cr. Graduate.
Implications of global and multicultural trends for information services. Creation, diffusion and use of information in cross-cultural settings.
Prerequisites: grad st; InfoSt(L&I Sci) 501(P), 524(540)(P), or cons instr.
Current Offerings:  http://uwm.edu/schedule

INFOST 832 Government Information Sources and Services
3 cr. Graduate.
Availability, selection, and use of federal, state, and local documents; international organization documents; or documents of selected foreign governments.
Prerequisites: grad st & InfoSt(L&I Sci) 571(P).
Current Offerings:  http://uwm.edu/schedule

INFOST 833 Business Information Sources and Services
3 cr. Graduate.
Information services and basic sources in business and competitive intelligence.
Prerequisites: grad st; InfoSt(L&I Sci) 571(P).
Last Taught: Spring 2013, Fall 2009, Fall 2008, Summer 2008.
Current Offerings:  http://uwm.edu/schedule

INFOST 834 Information Sources and Services in Science and Technology
3 cr. Graduate.
A study of the reference literature of science and technology; the structure of the literature; and services of the various information sources in those fields.
Prerequisites: grad st; InfoSt(L&I Sci) 571(P).
Current Offerings:  http://uwm.edu/schedule
INFOST 835 Information Sources and Services in the Health Sciences
3 cr. Graduate.
A survey of the basic sources used to locate information in the fields of medicine, nursing, allied health and health care administration, along with an introduction to the traditional & innovative services offered by health science libraries.
Prerequisites: grad st; InfoSt(L&I Sci) 571(P)
Current Offerings: http://uwm.edu/schedule

INFOST 845 Doctoral Seminar: Issues in Educational and Media Technology
3 cr. Graduate.
Interdisciplinary overview of research and theories in educational and media technology. Emphasizes cognitive bases of knowledge transfer and implications for instructional systems design and technology.
Prerequisites: grad st; cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 850 Seminar in Modern Archives Administration
3 cr. Graduate.
In-depth exploration of several aspects of archival work through extensive readings, discussions, practical exercises and a major seminar paper.
Prerequisites: grad st; InfoSt(L&I Sci) 650(681)(P) or cons instr
Course Rules: Counts as repeat of Hist 777.
Current Offerings: http://uwm.edu/schedule

INFOST 855 Advanced Appraisal
3 cr. Graduate.
An overview of the history of archival appraisal and manuscript collecting, surveys recent appraisal methodologies and theories, providing practical experience in the application of appraisal theory and assessing the value of organizational records.
Prerequisites: grad st; INFOST 650; or cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 861 Seminar in Intellectual Freedom
3 cr. Graduate.
Principles and practices of intellectual freedom, as related to the information professions. Emphasizes, but is not limited to, current issues in the u.s.
Prerequisites: grad st; InfoSt(L&I Sci) 520(P) or cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 862 Legal Issues for Library and Information Managers
3 cr. Graduate.
Legal issues arising in various library settings, including access rights, privacy and confidentiality, copyright, intellectual freedom and information liability and malpractice.
Prerequisites: grad st; InfoSt(L&I Sci) 501(P) or cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 863 Feminism, Librarianship, and Information
3 cr. Graduate.
The nature of librarianship as a profession, issues related to information and technology, and practices of information services from gendered perspectives using applicable feminist theories.
Prerequisites: grad st; InfoSt 501(P); InfoSt 591(P)
Current Offerings: http://uwm.edu/schedule

INFOST 864 Public Libraries: Philosophy, Policy, Politics
3 cr. Graduate.
Explores advanced concepts of the public library as a political institution in the public sphere. Includes investigations of legislative foundations, funding, governance and social engagement.
Prerequisites: grad st; L&I Sci 501(P), 591(P), 736(P) or cons instr
Course Rules: Counts as repeat of L&I Sci 891 w/ the same topic.
Current Offerings: http://uwm.edu/schedule

INFOST 866 Doctoral Seminar: Issues in Information Science
3 cr. Graduate.
Interdisciplinary overview of research and theories in information science. Emphasizes, but is not limited to, current issues in the field.
Prerequisites: grad st; cons instr; Educ 701(P)
Current Offerings: http://uwm.edu/schedule

INFOST 871 Advanced Topics in Library and Information Science
1-3 cr. Graduate.
Seminar in advanced current topics in library and information science. Specific topics and any additional prerequisites announced in schedule of classes each time course is offered.
Prerequisites: grad st; cons instr.
Course Rules: Fee assessed for 1 cr.
Last Taught: Spring 2018, Fall 2017, Fall 2016, Summer 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 888 Candidate for Degree:
0 cr. Graduate.
Available for graduate students who must meet minimum credit load requirement.
Prerequisites: grad st.
Course Rules: Fee assessed for 1 cr.
Last Taught: Fall 2017, Spring 2017, Fall 2016, Summer 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 890 Independent Study
0 cr. Graduate.
Available for graduate students who must meet minimum credit load requirement.
Prerequisites: grad st; L&I Sci 501(P), 591(P), 736(P) or cons instr
Course Rules: Counts as repeat of L&I Sci 890 w/ the same topic.
Last Taught: Fall 2017, Spring 2017, Fall 2016, Summer 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 891 Advanced Topics in Library and Information Science
1-3 cr. Graduate.
Seminar in advanced current topics in library and information science. Specific topics and any additional prerequisites announced in schedule of classes each time course is offered.
Prerequisites: grad st; cons instr.
Course Rules: May be repeated with change in topic to max of 9 cr.
Last Taught: Spring 2018, Fall 2017, Fall 2016, Summer 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 898 Master's Thesis
1-3 cr. Graduate.
Research and writing in consultation with SOIS thesis advisor for M.L.I.S. candidates pursuing the Thesis Option. May be repeated until completion and defense of the thesis.
Prerequisites: grad st; InfoSt(L&I Sci) 890(P) or equiv; cons of thesis advisor.
Current Offerings: http://uwm.edu/schedule

INFOST 899 Master's Independent Study
3 cr. Graduate.
Advanced study under faculty guidance, on a special aspect of library and information services. Regular faculty consultation and written report(s) required.
Prerequisites: grad st; InfoSt(L&I Sci) 501(P), 511(S31)(P), 571(P), 591(P), or cons instr. Max of 6 cr between InfoSt(L&I Sci) 899 and 999 may count toward the MLIS.
Current Offerings: http://uwm.edu/schedule
INFOST 901 Current Issues in Information Studies
3 cr. Graduate.
Current topical issues in information studies, socializes doctoral students to research culture, and analyzes current research topics in the field.
Prerequisites: grad st (doctoral st); or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

INFOST 902 Theoretical Foundations in Information Studies
3 cr. Graduate.
This doctoral seminar introduces students to a range of fundamental theoretical foundations and models relevant to information studies.
Prerequisites: grad st (doctoral st) or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 903 Qualitative Research Methods
3 cr. Graduate.
Qualitative research design, data collection, data analysis tools and techniques as well as theory building in the context of information study research.
Prerequisites: grad st (doctoral st) or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

INFOST 904 Quantitative Research Methods
3 cr. Graduate.
Quantitative research designs, data process and analysis, inferential statistical methods and theories, applications in information studies, and evaluation of quantitative research studies.
Prerequisites: grad st (doctoral st) or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 905 Mixed Methods Research for Information Studies
3 cr. Graduate.
Presents techniques for designing and executing mixed methods research in information studies as well as arguments for and against the use of mixed methods for theory building.
Prerequisites: Counts as repeat of INFOST 891 w/same topic. Prereqs: For MLIS: InfoSt 799(591)(P) or equiv or cons instr. For PhD: InfoSt 903(P), InfoSt 904(P); or cons of instr.
Current Offerings: http://uwm.edu/schedule

INFOST 910 Doctoral Seminar in the Organization of Information
3 cr. Graduate.
In-depth and critical study of the historical, philosophical, theoretical, and methodological foundation of the organization of information.
Prerequisites: grad st; InfoSt(L&I Sci) 901(P), at least six grad credits in the organization of information, or cons instr.
Current Offerings: http://uwm.edu/schedule

INFOST 960 Doctoral Seminar in Information Policy
3 cr. Graduate.
Examination of the conceptual, institutional, and practical foundations of information policy, law, and ethics.
Prerequisites: grad st; InfoSt(L&I Sci) 660(P), 661(P), 862(P), 901(P), or cons instr.
Last Taught: Fall 2017, Spring 2016, Fall 2012, Fall 2010.
Current Offerings: http://uwm.edu/schedule

INFOST 970 Doctoral Seminar in Information Retrieval
3 cr. Graduate.
Advanced research concepts, methods, and applications for information retrieval (IR) and its evaluation, and current topics of research interest to the IR community.
Prerequisites: grad st; InfoSt(L&I Sci) 671(P), 901(P), or cons instr
Current Offerings: http://uwm.edu/schedule

INFOST 990 Fieldwork in Library and Information Science Services
1-3 cr. Graduate.
Fieldwork experience of 50 to 150 hours under faculty and field supervisor guidance. Student must also complete a supervised field project.
Prerequisites: grad st; InfoSt(L&I Sci) 501(P), 511(531)(P), 571(P); cons instr.
Course Rules: May be repeated to max of 6 cr with cons adviser.
Current Offerings: http://uwm.edu/schedule

INFOST 997 Preliminary Examinations
1-6 cr. Graduate.
Available for doctoral students taking preliminary exams. May be repeated twice to a max of 6 cr with cons of adviser.
Prerequisites: grad st.
Last Taught: Spring 2018, Fall 2017.
Current Offerings: http://uwm.edu/schedule

INFOST 998 Doctoral Dissertation
1-3 cr. Graduate.
Doctoral dissertation research and advisement for information studies PhD candidates and PhD candidates with an emphasis in library and information science.
Prerequisites: doctoral candidacy & cons doctoral advisor.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

INFOST 999 Independent Research
1-3 cr. Graduate.
Primary research under faculty guidance, on a special aspect of library and information services. Regular faculty consultation and written research report(s) required.
Prerequisites: grad st; InfoSt(L&I Sci) 501(P), 511(531)(P), 571(P), 591(P), or cons instr.
Course Rules: Carries 3 cr limit for MLIS; may be repeated to 6 cr max for advanced certificate students.
Current Offerings: http://uwm.edu/schedule