# INFORMATION STUDIES (INFOST)

## 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:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## 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.
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## INFOST 120 Information Technology Ethics
3 cr. Undergraduate.
Comprehensive overview of the current ethical issues in information and technology use.
**Prerequisites:** none.
**General Education Requirements:** HU
**Last Taught:** Summer 2021, Spring 2021.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## INFOST 120X Information Technology Ethics
3 cr. Undergraduate.
Comprehensive overview of the current ethical issues in information and technology use.
**Prerequisites:** none.
**General Education Requirements:** HU
**Last Taught:** Summer 2021, Spring 2021.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## 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.
**Last Taught:** Spring 2015, Fall 2014, Fall 2013, Fall 2012.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## 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.
**General Education Requirements:** HU
**Last Taught:** Summer 2018, Spring 2018, Fall 2017, Summer 2017.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## INFOST 240 Web Design I
3 cr. Undergraduate.
Uses popular authoring tools to cover the basics of organizing information.
**Prerequisites:** none.
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## INFOST 250 Introduction to Network and Systems Administration
3 cr. Undergraduate.
Introduction to the fundamental concepts of network and systems administration.
**Prerequisites:** none.
**Last Taught:** Summer 2021, Spring 2021.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## INFOST 250X Introduction to Network and Systems Administration
3 cr. Undergraduate.
Introduction to the fundamental concepts of network and systems administration.
**Prerequisites:** none.
**Last Taught:** Summer 2021, Spring 2021.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## INFOST 290X Information Technology Ethics
3 cr. Undergraduate.
Exploration of the ethical issues in information and technology use.
**Prerequisites:** none.
**General Education Requirements:** HU
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## 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 2019, Fall 2015, Spring 2015, Fall 2014.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## 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 2020, Spring 2018, Fall 2017, Spring 2017.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## INFOST 298 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 2013, Fall 2012, Spring 2012, Fall 2011.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## 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).
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

## INFOST 315 Knowledge Organization for Information Science and Technology
3 cr. Undergraduate.
Introduction to the organization of knowledge for information science and technology. Covers theory and construction of knowledge organization systems (taxonomies, ontologies, controlled vocabularies, metadata schema) and data structures for information sharing.
**Prerequisites:** none.
**Last Taught:** Summer 2020, Spring 2020, Fall 2019, Summer 2019.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

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[https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)
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.  
**Last Taught:** Spring 2021, Summer 2020, Spring 2020, Spring 2019.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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.  
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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 210(P) & 110(P).  
**Last Taught:** Spring 2017, Fall 2016, Spring 2016, Summer 2015.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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).  
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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.  
**General Education Requirements:** QLB  
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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 240(P).  
**Course Rules:** Counts as repeat of InfoST 491 with topic of Flash.  
**Last Taught:** Summer 2021, Fall 2020, Fall 2019, Spring 2018.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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:** INFOST 350(P) or consent of instructor.  
**Course Rules:** Counts as repeat of INFOST 491 w/ similar topic.  
**Last Taught:** Spring 2021, Fall 2020, Spring 2020, Spring 2019.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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.  
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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.  
**Last Taught:** Fall 2020, Spring 2020, Spring 2019, Fall 2018.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

INFOST 408 Nonprofit Information Technology  
3 cr. Undergraduate.  
Provides experiential project-based learning opportunities to UWM students while working on a technology project for a local nonprofit organization.  
**Prerequisites:** none.  
**Course Rules:** ART 408, DAC 408, and INFOST 408 are jointly offered and count as repeats of one another. Repeatable to 9 cr max.  
**Last Taught:** Spring 2021, Fall 2020.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)  

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:** sophomore standing.  
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.  
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)
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:** https://catalog.uwm.edu/course-search/  

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.  
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

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:** junior standing.  
**Last Taught:** Fall 2020.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

INFOST 465G 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:** junior standing.  
**Last Taught:** Fall 2020.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

INFOST 490 Senior Capstone  
3 cr. Undergraduate.  
Analysis, creation, development and presentation of an information retrieval system project for an information organization.  
**Prerequisites:** senior standing; InfoSt 340(P), 410(P) and 440(P).  
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

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 prereq announced each offering.  
**Course Rules:** May be retaken w/chg in topic to 15 cr max.  
**Last Taught:** Spring 2021, Fall 2020, Spring 2020, Fall 2019.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

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.  
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

INFOST 497G 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:** Course Rules: May be retaken w/chg in topic.  
**Last Taught:** Summer 2019, Summer 2017.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

INFOST 501G 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.  
**Last Taught:** Summer 2021, Spring 2021.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

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.  
**Last Taught:** Summer 2021, Spring 2021.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

INFOST 511G 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.  
**Last Taught:** Summer 2021.  
**Current Offerings:** https://catalog.uwm.edu/course-search/  

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.  
**Last Taught:** Summer 2021.  
**Current Offerings:** https://catalog.uwm.edu/course-search/
INFOST 520 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: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 520G 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: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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 501(P), INFOST 571(P); or consent of instructor.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 521G 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 501(P), INFOST 571(P); or consent of instructor.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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.
Last Taught: Spring 2021, Fall 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 524G 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.
Last Taught: Spring 2021, Fall 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 543 Student Teaching Experience in School Libraries
6 cr. Undergraduate/Graduate.
Student teaching experience in a school library for students who are working towards initial licensure in K-12 school library media.
Prerequisites: junior standing; school library media certification program - students on Pathway 2A & 2B only; INFOST 520(P); INFOST 645(P) or INFOST 646(P); INFOST 642(P); and INFOST 643(P); or consent of instructor.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 543G Student Teaching Experience in School Libraries
6 cr. Undergraduate/Graduate.
Student teaching experience in a school library for students who are working towards initial licensure in K-12 school library media.
Prerequisites: junior standing; school library media certification program - students on Pathway 2A & 2B only; INFOST 520(P); INFOST 645(P) or INFOST 646(P); INFOST 642(P); and INFOST 643(P); or consent of instructor.
Current Offerings: https://catalog.uwm.edu/course-search/

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.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 547G 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.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 571 Information Access and Retrieval
3 cr. Undergraduate/Graduate.
An overview of the concepts and theory related to information retrieval.
Prerequisites: jr st.
Last Taught: Summer 2021, Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 571G Information Access and Retrieval
3 cr. Undergraduate/Graduate.
An overview of the concepts and theory related to information retrieval.
Prerequisites: jr st.
Last Taught: Summer 2021, Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/
INFOST 582G 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.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 583G 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: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 584G 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 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

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 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 603G 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 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 611 Cataloging for Small Libraries
1 cr. Undergraduate/Graduate.
Survey of the application of standards and rules to the creation and management of library catalogs for small libraries.
Prerequisites: graduate standing and INFOST 511(P), or enrollment in the School Library Certification program.
Course Rules: Previously INFOST 711.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 611G Cataloging for Small Libraries
1 cr. Undergraduate/Graduate.
Survey of the application of standards and rules to the creation and management of library catalogs for small libraries.
Prerequisites: graduate standing and INFOST 511(P), or enrollment in the School Library Certification program.
Course Rules: Previously INFOST 711.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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(P); or cons instr.
Course Rules: May be retaken w/chg in topic to 9 cr max.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 619G 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(P); or cons instr.
Course Rules: May be retaken w/chg in topic to 9 cr max.
Current Offerings: https://catalog.uwm.edu/course-search/

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.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 622G 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.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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.
Last Taught: Fall 2020, Spring 2018.
Current Offerings: https://catalog.uwm.edu/course-search/
INFOST 627G 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 Sc) 511(531)(P), 571(P); or cons instr.
Last Taught: Fall 2020, Spring 2018.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 640 Information Literacy Instruction
3 cr. Undergraduate/Graduate.
Concepts and principles involved in teaching information literacy;
emphasis on organizing and developing courses and individual sessions.
Prerequisites: junior standing and INFOST 501(P) or consent of
instructor.
Course Rules: Previously INFOST 740.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 640G Information Literacy Instruction
3 cr. Undergraduate/Graduate.
Concepts and principles involved in teaching information literacy;
emphasis on organizing and developing courses and individual sessions.
Prerequisites: junior standing and INFOST 501(P) or consent of
instructor.
Course Rules: Previously INFOST 740.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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: junior standing; INFOST 511(P); INFOST 520(P);
INFOST 571(P); or consent of instructor.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 642G 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: junior standing; INFOST 511(P); INFOST 520(P);
INFOST 571(P); or consent of instructor.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 643 Pre-Student Teaching Experience in School Libraries
1-3 cr. Undergraduate/Graduate.
A 50-150 hour (1cr. = 50hr.) school library pre-student teaching experience
for students working towards their K-12 library media license who are not
already certified teachers.
Prerequisites: jr st; School Library Media Certification program students
on Pathway 2A & 2B only. INFOST 520(P); INFOST 645 or INFOST 646(P)
and INFOST 642(C), or consent of instructor.
Last Taught: Summer 2021, Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 643G Pre-Student Teaching Experience in School Libraries
1-3 cr. Undergraduate/Graduate.
A 50-150 hour (1cr. = 50hr.) school library pre-student teaching experience
for students working towards their K-12 library media license who are not
already certified teachers.
Prerequisites: jr st; School Library Media Certification program students
on Pathway 2A & 2B only. INFOST 520(P); INFOST 645 or INFOST 646(P)
and INFOST 642(C), or consent of instructor.
Last Taught: Summer 2021, Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 644 Clinical Experience in School Libraries
1-12 cr. Undergraduate/Graduate.
Field experience of 1-4 U/G credits (50-200 hours of clinical practice) to
12 undergrad credits (a full semester student teaching) 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 642(C); or cons instr.
Course Rules: Retakable to 12 credits max.
Last Taught: Summer 2021, Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 644G Clinical Experience in School Libraries
1-12 cr. Undergraduate/Graduate.
Field experience of 1-4 U/G credits (50-200 hours of clinical practice) to
12 undergrad credits (a full semester student teaching) 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 642(C); or cons instr.
Course Rules: Retakable to 12 credits max.
Last Taught: Summer 2021, Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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.
Last Taught: Summer 2021, Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 645G 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.
Last Taught: Summer 2021, Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/
INFOST 646G 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.  
Last Taught: Spring 2021.  
Current Offerings: https://catalog.uwm.edu/course-search/  
INFOST 647 Library Services for Children and Young Adults  
3 cr. Undergraduate/Graduate.  
A foundation for developing, planning, and programming library services to meet the needs and interests of children and teens.  
Prerequisites: junior standing and INFOST 645(P), INFOST 646(P), or INFOST 646(C); or consent of instructor.  
Course Rules: Previously INFOST 745.  
Last Taught: Summer 2021.  
Current Offerings: https://catalog.uwm.edu/course-search/  
INFOST 647G Library Services for Children and Young Adults  
3 cr. Undergraduate/Graduate.  
A foundation for developing, planning, and programming library services to meet the needs and interests of children and teens.  
Prerequisites: junior standing and INFOST 645(P), INFOST 646(P), or INFOST 646(C); or consent of instructor.  
Course Rules: Previously INFOST 745.  
Last Taught: Summer 2021.  
Current Offerings: https://catalog.uwm.edu/course-search/  
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: Summer 2021, Spring 2021.  
Current Offerings: https://catalog.uwm.edu/course-search/  
INFOST 650G 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: Summer 2021, Spring 2021.  
Current Offerings: https://catalog.uwm.edu/course-search/  
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: Fall 2020, Fall 2019.  
Current Offerings: https://catalog.uwm.edu/course-search/  
INFOST 655G 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: Fall 2020, Fall 2019.  
Current Offerings: https://catalog.uwm.edu/course-search/  
INFOST 656 Electronic Documents and Records Management  
3 cr. Undergraduate/Graduate.  
Advanced concepts, unique challenges, and on-going issues of electronic records management, including automated systems, information lifecycle management, access, legality, 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) 691 w/same topic.  
Current Offerings: https://catalog.uwm.edu/course-search/  
INFOST 656G Electronic Documents and Records Management  
3 cr. Undergraduate/Graduate.  
Advanced concepts, unique challenges, and on-going issues of electronic records management, including automated systems, information lifecycle management, access, legality, 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) 691 w/same topic.  
Current Offerings: https://catalog.uwm.edu/course-search/  
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: Fall 2020.  
Current Offerings: https://catalog.uwm.edu/course-search/  
INFOST 660G 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: Fall 2020.  
Current Offerings: https://catalog.uwm.edu/course-search/  
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 with similar topic/title.  
Last Taught: Spring 2021.  
Current Offerings: https://catalog.uwm.edu/course-search/
INFOST 661G 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 repeat of L&I Sci 691 with similar topic/title.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 670 Instructional Technologies
3 cr. Undergraduate/Graduate.
Traditional technologies, multimedia formats, and computer-based technologies for instructional purposes.
Prerequisites: junior standing.
Last Taught: Fall 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 670G Instructional Technologies
3 cr. Undergraduate/Graduate.
Traditional technologies, multimedia formats, and computer-based technologies for instructional purposes.
Prerequisites: junior standing.
Last Taught: Fall 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

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 2021, Spring 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 674G 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 2021, Spring 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

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 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 675G 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 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

INFOST 682G 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: https://catalog.uwm.edu/course-search/

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 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 685G 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 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 687 Data Analysis for Data Science
3 cr. Undergraduate/Graduate.
Development and use of data science analysis skills in statistics, probability, forecasting, prediction, optimization, clustering and visualization.
Prerequisites: junior standing and completion of one of the following: INFOST 370(P), INFOST 582(P), or INFOST 799(P).
Course Rules: Counts as a repeat of INFOST 691 with similar topic.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/
INFOST 687G Data Analysis for Data Science
3 cr. Undergraduate/Graduate.
Development and use of data science analysis skills in statistics, probability, forecasting, prediction, optimization, clustering and visualization.
Prerequisites: junior standing and completion of one of the following: INFOST 370(P), INFOST 582(P), or INFOST 799(P).
Course Rules: Counts as a repeat of INFOST 691 with similar topic.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 691 Special Topics in Information Science:
1-3 cr. Undergraduate/Graduate.
An exploration of current topics in information science.
Prerequisites: junior standing or consent of instructor.
Course Rules: Course prerequisites vary by topic; please consult the syllabus or contact the instructor for topic-specific prerequisites. May be retaken with change in topic to max of 9 cr.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 691G Special Topics in Information Science:
1-3 cr. Undergraduate/Graduate.
An exploration of current topics in information science.
Prerequisites: junior standing or consent of instructor.
Course Rules: Course prerequisites vary by topic; please consult the syllabus or contact the instructor for topic-specific prerequisites. May be retaken with change in topic to max of 9 cr.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 691X Special Topics in Information Science:
1-3 cr. Undergraduate/Graduate.
An exploration of current topics in information science.
Prerequisites: junior standing or consent of instructor.
Course Rules: Course prerequisites vary by topic; please consult the syllabus or contact the instructor for topic-specific prerequisites. May be retaken with change in topic to max of 9 cr.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 692 Special Topics in Information Science and Technology
1-3 cr. Undergraduate/Graduate.
An exploration of current topics in information science and technology. Specific topics and any additional prerequisites will be announced in Schedule of Classes each time course is offered.
Prerequisites: jr st or cons instr.
Course Rules: May be retaken w/ chg in topic to max of 9 cr.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 692G Special Topics in Information Science and Technology
1-3 cr. Undergraduate/Graduate.
An exploration of current topics in information science and technology. Specific topics and any additional prerequisites will be announced in Schedule of Classes each time course is offered.
Prerequisites: jr st or cons instr.
Course Rules: May be retaken w/ chg in topic to max of 9 cr.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 695 Ethical Hacking I
3 cr. Undergraduate/Graduate.
Fundamental concepts in computer security testing, the evolution of ethical hacking and the latest tools used in cyber security to test different computer systems.
Prerequisites: jr st.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 695G Ethical Hacking I
3 cr. Undergraduate/Graduate.
Fundamental concepts in computer security testing, the evolution of ethical hacking and the latest tools used in cyber security to test different computer systems.
Prerequisites: jr st.
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 697 Cisco Routing & Switching I
3 cr. Undergraduate/Graduate.
Networking and security, including IP Address translation (masking), subnetting, access lists, port security, VPNs, routing protocols and passwords.
Prerequisites: jr st.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 697G Cisco Routing & Switching I
3 cr. Undergraduate/Graduate.
Networking and security, including IP Address translation (masking), subnetting, access lists, port security, VPNs, routing protocols and passwords.
Prerequisites: jr st.
Last Taught: Summer 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

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; InforSt 511 (P) or cons instr.
Last Taught: Spring 2021, Fall 2020, Fall 2019, Fall 2018.
Current Offerings: https://catalog.uwm.edu/course-search/

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 511(P); InfoSt 571(R) MSIST prereqs: InfoSt 582(P).
Last Taught: Summer 2021, Fall 2020, Summer 2020, Fall 2019.
Current Offerings: https://catalog.uwm.edu/course-search/
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).
Last Taught: Spring 2019, Summer 2017, Spring 2016, Fall 2011.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: graduate standing and INFOST 501(C), or consent of instructor.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: graduate standing, INFOST 521(P), INFOST 571(P), and INFOST 682(P).
Current Offerings: https://catalog.uwm.edu/course-search/

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: Spring 2019, Fall 2015, Fall 2014, Fall 2013.
Current Offerings: https://catalog.uwm.edu/course-search/

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: Spring 2021, Spring 2020, Fall 2018, Fall 2017.
Current Offerings: https://catalog.uwm.edu/course-search/

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: Spring 2021, Fall 2020, Spring 2020, Fall 2019.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/
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: graduate standing and completion of one of the following: INFOST 524(P), INFOST 571(P), INFOST 650(P), or HIST 775(P), or consent of instructor.
Course Rules: May be repeated for total of 6 cr.
Last Taught: Summer 2021, Spring 2021, Fall 2020, Summer 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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 2021, Summer 2020, Summer 2019, Summer 2015.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

INFOST 781 Applied Information and Internet Technologies
3 cr. Graduate.
Introduces information and network concepts and technologies in information science professions, such as libraries and provides opportunities to apply information theories in problem solving processes.
Prerequisites: graduate standing.
Course Rules: Previously INFOST 632.
Last Taught: Summer 2011, Fall 2010, Summer 2010, Fall 2009.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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).
Last Taught: Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 785 Database Management Systems for Information Professionals
3 cr. Graduate.
Study of microcomputer data base management software (DBMS) and information retrieval (IR) systems and their potential applications for information services.
Prerequisites: grad st
Last Taught: Fall 2020, Fall 2019, Fall 2018, Spring 2005.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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), 571(P) or cons instr.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: graduate standing, MSIST degree candidate, INFOST 582(P), INFOST 583(P), COMPST 701(P), and COMPST 703(P); or consent of instructor.
Current Offerings: https://catalog.uwm.edu/course-search/
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.
Last Taught: Fall 2020, Spring 2020, Fall 2019, Spring 2019.
Current Offerings: https://catalog.uwm.edu/course-search/

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: Summer 2021, Spring 2021, Fall 2020, Summer 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: graduate standing.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

INFOST 864 Critical Approaches to Public Librarianship
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; InfoSt 501(P), 736(P) or cons instr.
Course Rules: Counts as repeat of InfoSt 891 Philosophy, Policy, Politics.
Last Taught: Fall 2020, Fall 2019.
Current Offerings: https://catalog.uwm.edu/course-search/
INFOST 888 Candidate for Degree:
0 cr. Graduate.
Available for graduate students who must meet minimum credit load requirement.
Prerequisites: graduate standing.
Course Rules: Fee for 1 cr assessed; unit does not count towards credit load for Fin Aid. Repeatable. Satisfactory/Unsatisfactory only.
Current Offerings: https://catalog.uwm.edu/course-search/

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 2021, Fall 2020, Spring 2020, Fall 2019.
Current Offerings: https://catalog.uwm.edu/course-search/

INFOST 897 Information Science and Technology Independent Study
1-3 cr. Graduate.
Advanced study under instructor guidance on a special topic in information science and technology. Regular instructor consultation and written report(s) required.
Prerequisites: graduate standing; MSIST degree candidate or consent of instructor.
Course Rules: Repeatable to 6 cr max. A max of 6 cr between INFOST 897 and INFOST 999 may count toward the MSIST.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

INFOST 899 MLIS 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: graduate standing, INFOST 501(P), INFOST 511(P), INFOST 571(P), or consent of instructor.
Course Rules: A max of 6 cr between INFOST 899 and INFOST 999 may count toward the MLIS.
Current Offerings: https://catalog.uwm.edu/course-search/

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 2019, Fall 2018, Fall 2017, Fall 2016.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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 2019, Fall 2018, Fall 2017, Fall 2016.
Current Offerings: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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: https://catalog.uwm.edu/course-search/

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 (doctoral st); or cons instr.
Current Offerings: https://catalog.uwm.edu/course-search/

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 (doctoral st); or cons instr.
Last Taught: Fall 2020, Spring 2019, Fall 2017, Spring 2016.
Current Offerings: https://catalog.uwm.edu/course-search/

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 (doctoral st); or cons instr.
Current Offerings: https://catalog.uwm.edu/course-search/
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.
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.
**Current Offerings:** https://catalog.uwm.edu/course-search/

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:** graduate standing.
**Course Rules:** Satisfactory/Unsatisfactory only.
**Last Taught:** Spring 2021, Fall 2020, Spring 2020, Fall 2019.
**Current Offerings:** https://catalog.uwm.edu/course-search/

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 2021, Fall 2020, Summer 2020, Spring 2020.
**Current Offerings:** https://catalog.uwm.edu/course-search/

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:** graduate standing; INFOST 501(P), INFOST 511(P), INFOST 571(P), and INFOST 799(P), or consent of instructor.
**Course Rules:** Carries 3 cr limit for MLIS; may be repeated to 6 cr max for advanced certificate students.
**Last Taught:** Summer 2021, Spring 2021, Fall 2020, Summer 2020.
**Current Offerings:** https://catalog.uwm.edu/course-search/