

INFORMATION STUDIES (INFOST)

Information Studies Courses

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/>

INFOST 105 Orientation for Information Science & Technology Students

1 cr. Undergraduate.

Provides students with an understanding of the Information Science and Technology major, academic requirements, career development, and strategies for academic and personal success.

Prerequisites: none.

Course Rules: Counts as a repeat of INFOST 291 with similar topic.

Last Taught: Fall 2025, Fall 2024, Fall 2023, Fall 2022.

Current Offerings: <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: Fall 2025, Summer 2025.

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

INFOST 110X 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: Fall 2025, Summer 2025.

Current Offerings: <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: Humanities and Arts

Last Taught: Fall 2025, Summer 2025.

Current Offerings: <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: Humanities and Arts

Last Taught: Fall 2025, Summer 2025.

Current Offerings: <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.

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

INFOST 150X 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.

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

INFOST 208 College of Community Engagement and Professions Internship Course

0-3 cr. Undergraduate.

Students conceptualize, understand, and apply the experiences of their internship. Students will consider the questions, among others: 'What is an internship?', and 'How does my internship connect to my career and to my community?'

Prerequisites: consent of instructor.

Course Rules: If credit has been earned for the course, it can be retaken, but only as the zero credit option.

Current Offerings: <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.

Last Taught: Summer 2018, Spring 2018.

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

INFOST 210X 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.

Last Taught: Summer 2018, Spring 2018.

Current Offerings: <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: Fall 2025, Summer 2025.

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

INFOST 240X Web Design I

3 cr. Undergraduate.

Uses popular authoring tools to cover the basics of organizing information.

Prerequisites: none.

Last Taught: Fall 2025, Summer 2025.

Current Offerings: <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:** Fall 2025, Spring 2025.**Current Offerings:** <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:** Fall 2025, Spring 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 270 Generative AI Literacy**

3 cr. Undergraduate.

Using, effectively leveraging, and understanding when to use AI.

Transform the view of generative AI from a consumer set of tools into a transformative tool for education, careers, and personal growth.

Prerequisites: none.**Course Rules:** Counts as a repeat of INFOST 291 with similar topics.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 290 Project Teams, Leadership, and Communication**

3 cr. Undergraduate.

Provides the opportunity for IST students to gain knowledge and experience of relevant transferable professional skills in project management, teamwork, and communication.

Prerequisites: INFOST 110(C) and Information Science & Technology major.**Last Taught:** Fall 2025, Summer 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 290X Project Teams, Leadership, and Communication**

3 cr. Undergraduate.

Provides the opportunity for IST students to gain knowledge and experience of relevant transferable professional skills in project management, teamwork, and communication.

Prerequisites: INFOST 110(C) and Information Science & Technology major.**Last Taught:** Fall 2025, Summer 2025.**Current Offerings:** <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 with change in topic to 9 cr max.**Last Taught:** Fall 2024, Fall 2021, Fall 2019, Fall 2015.**Current Offerings:** <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 2024, Spring 2020, Spring 2018, Fall 2017.**Current Offerings:** <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:** Fall 2025, Summer 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 310X 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:** Fall 2025, Summer 2025.**Current Offerings:** <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:** Fall 2025, Spring 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 315X 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:** Fall 2025, Spring 2025.**Current Offerings:** <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:** Fall 2025, Spring 2024.**Current Offerings:** <https://catalog.uwm.edu/course-search/>

INFOST 320X 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: Fall 2025, Spring 2024.

Current Offerings: <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: sophomore standing or greater.

Course Rules: Counts as repeat of INFOST 491 with the same topic.

Last Taught: Fall 2025, Summer 2025, Spring 2025, Fall 2024.

Current Offerings: <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.

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

INFOST 330X 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.

Current Offerings: <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: Fall 2025, Summer 2025.

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

INFOST 340X 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: Fall 2025, Summer 2025.

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

INFOST 350 Introduction to Application Development

3 cr. Undergraduate/Graduate.

Introduction to the fundamental concepts of application development. Basic application development concepts will be explained, analyzed, and practiced.

Prerequisites: INFOST 110(C) or graduate standing or consent of instructor.

Course Rules: Counts as repeat of INFOST 291 with topic Intro to Programming. Students who have completed COMPST 702 may not receive cr in INFOST 350G.

Last Taught: Fall 2025.

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

INFOST 350G Introduction to Application Development

3 cr. Undergraduate/Graduate.

Introduction to the fundamental concepts of application development. Basic application development concepts will be explained, analyzed, and practiced.

Prerequisites: INFOST 110(C) or graduate standing or consent of instructor.

Course Rules: Counts as repeat of INFOST 291 with topic Intro to Programming. Students who have completed COMPST 702 may not receive cr in INFOST 350G.

Last Taught: Fall 2025.

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

INFOST 350X Introduction to Application Development

3 cr. Undergraduate/Graduate.

Introduction to the fundamental concepts of application development. Basic application development concepts will be explained, analyzed, and practiced.

Prerequisites: INFOST 110(C) or graduate standing or consent of instructor.

Course Rules: Counts as repeat of INFOST 291 with topic Intro to Programming. Students who have completed COMPST 702 may not receive cr in INFOST 350G.

Last Taught: Fall 2025.

Current Offerings: <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: completion of GER Quantitative Literacy Part A (QL-A) requirement, or Math Placement Level 30, or a grade of C or higher in any 100-level Math course (excluding MATH 194 or MATH 199) or MATH 111/PHILOS 111.

General Education Requirements: Math & Quantitative Reasoning

Last Taught: Fall 2025, Summer 2025.

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

INFOST 370X 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: completion of GER Quantitative Literacy Part A (QL-A) requirement, or Math Placement Level 30, or a grade of C or higher in any 100-level Math course (excluding MATH 194 or MATH 199) or MATH 111/PHILOS 111.

General Education Requirements: Math & Quantitative Reasoning

Last Taught: Fall 2025, Summer 2025.

Current Offerings: <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: Spring 2025, Fall 2022.

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

INFOST 375X 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: Spring 2025, Fall 2022.

Current Offerings: <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/>

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: Fall 2025, Summer 2025, Spring 2025, Fall 2024.

Current Offerings: <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 2025, Fall 2023, Spring 2023, Spring 2022.

Current Offerings: <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: Fall 2025, Spring 2025, Fall 2024, Spring 2024.

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

INFOST 410 Database Information Retrieval Systems

3 cr. Undergraduate/Graduate.

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: Fall 2025, Summer 2025.

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

INFOST 410G Database Information Retrieval Systems

3 cr. Undergraduate/Graduate.

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: Fall 2025, Summer 2025.

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

INFOST 410X Database Information Retrieval Systems

3 cr. Undergraduate/Graduate.

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: Fall 2025, Summer 2025.

Current Offerings: <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 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), and INFOST 410(C); or consent of instructor.

Last Taught: Fall 2025, Summer 2025.

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

INFOST 440X 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), and INFOST 410(C); or consent of instructor.

Last Taught: Fall 2025, Summer 2025.

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 2025.

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 2025.

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

INFOST 465X 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 2025.

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

INFOST 470 Foundations of Artificial Intelligence in Information Science & Technology

3 cr. Undergraduate.

An overview of artificial intelligence in information science and technology including theoretical concepts, approaches, applications, and current issues.

Prerequisites: junior standing and INFOST 350(P) or consent of instructor.

Last Taught: Fall 2025.

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

INFOST 481 Web Application Penetration Testing

3 cr. Undergraduate.

Introduction to the cyber security concept of web application penetration testing, covering the OWASP Top 10 web vulnerabilities using hands-on labs and activities.

Prerequisites: junior standing.

Course Rules: Counts as a repeat of INFOST 491 with similar topic.

Last Taught: Fall 2025, Spring 2025, Fall 2024.

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

INFOST 490 Senior Capstone

3 cr. Undergraduate.

Analysis, design, development and presentation of an information retrieval system project for an information organization.

Prerequisites: senior standing; INFOST 290(P), INFOST 340(P), INFOST 410(P), and INFOST 440(P).

Last Taught: Fall 2025, Summer 2025.

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

INFOST 490X Senior Capstone

3 cr. Undergraduate.

Analysis, design, development and presentation of an information retrieval system project for an information organization.

Prerequisites: senior standing; INFOST 290(P), INFOST 340(P), INFOST 410(P), and INFOST 440(P).

Last Taught: Fall 2025, Summer 2025.

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: junior standing; additional prerequisites announced each offering.

Course Rules: May be retaken with change in topic to 15 cr max.

Last Taught: Spring 2024, Fall 2023, Spring 2023, Fall 2022.

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: Fall 2025, Summer 2025, Spring 2025, UWinterIM 2025.

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

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 2019, Summer 2017.

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: May be retaken w/chg in topic.

Last Taught: Summer 2019, Summer 2017.

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: junior standing.**Last Taught:** Fall 2025, Summer 2025.**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: junior standing.**Last Taught:** Fall 2025, Summer 2025.**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:** Fall 2025, Spring 2025.**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:** Fall 2025, Spring 2025.**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:** Fall 2025.**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:** Fall 2025.**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 2025, Spring 2025.**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 2025, Spring 2025.**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:** Fall 2025, Spring 2025.**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:** Fall 2025, Spring 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 543 Student Teaching Experience in School Libraries**

1-6 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.**Course Rules:** Repeatable to 6 cr max.**Last Taught:** Fall 2025, Spring 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 543G Student Teaching Experience in School Libraries**

1-6 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.**Course Rules:** Repeatable to 6 cr max.**Last Taught:** Fall 2025, Spring 2025.**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: senior standing.**Course Rules:** COMPSCI 547 and INFOST 547 are jointly offered and count as repeats of one another.**Last Taught:** Fall 2025.**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: senior standing.

Course Rules: COMPSCI 547 and INFOST 547 are jointly offered and count as repeats of one another.

Last Taught: Fall 2025.

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: Fall 2025, Summer 2025.

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: Fall 2025, Summer 2025.

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: junior standing or consent of instructor.

Last Taught: Fall 2025.

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: junior standing or consent of instructor.

Last Taught: Fall 2025.

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: Fall 2024.

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: Fall 2024.

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: Fall 2025, Spring 2025.

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: Fall 2025, Spring 2025.

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 2025, Spring 2025.

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 2025, Spring 2025.

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 2023.

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 2023.

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: Spring 2025, Fall 2022.

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 Sci) 511(531)(P), 571(P); or cons instr.

Last Taught: Spring 2025, Fall 2022.

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

INFOST 630 Strategies for Managing Group Learning and Assessment in Libraries

3 cr. Undergraduate/Graduate.

Drawing on inclusive pedagogical theories, students will develop their skills in designing effective instructional experiences to manage group learning and assessment in a library setting.

Prerequisites: junior standing or higher, or consent of instructor.

Course Rules: Counts as a repeat of CURRINS 510 and ED PSY 325.

Last Taught: Fall 2025.

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

INFOST 630G Strategies for Managing Group Learning and Assessment in Libraries

3 cr. Undergraduate/Graduate.

Drawing on inclusive pedagogical theories, students will develop their skills in designing effective instructional experiences to manage group learning and assessment in a library setting.

Prerequisites: junior standing or higher, or consent of instructor.

Course Rules: Counts as a repeat of CURRINS 510 and ED PSY 325.

Last Taught: Fall 2025.

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

INFOST 637 Library Services for Young Children

1 cr. Undergraduate/Graduate.

Successful public and school library personnel who serve young children must have knowledge of how to utilize materials, programming, technologies, research, and evaluation tools to create the best services possible for this age group.

Prerequisites: junior standing, concurrent enrollment or previous completion of INFOST 645 or INFOST 646; or consent of instructor.

Course Rules: Counts as a repeat of INFOST 647.

Last Taught: Fall 2025.

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

INFOST 637G Library Services for Young Children

1 cr. Undergraduate/Graduate.

Successful public and school library personnel who serve young children must have knowledge of how to utilize materials, programming, technologies, research, and evaluation tools to create the best services possible for this age group.

Prerequisites: junior standing, concurrent enrollment or previous completion of INFOST 645 or INFOST 646; or consent of instructor.

Course Rules: Counts as a repeat of INFOST 647.

Last Taught: Fall 2025.

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

INFOST 638 Library Services for School-Aged Children

1 cr. Undergraduate/Graduate.

A foundation for developing, planning, and implementing library services to meet the needs and interests of elementary school-aged children.

Prerequisites: junior standing; previous completion or concurrent enrollment in INFOST 645 or INFOST 646; or consent of instructor.

Course Rules: Counts as a repeat of INFOST 647.

Last Taught: Fall 2025.

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

INFOST 638G Library Services for School-Aged Children

1 cr. Undergraduate/Graduate.

A foundation for developing, planning, and implementing library services to meet the needs and interests of elementary school-aged children.

Prerequisites: junior standing; previous completion or concurrent enrollment in INFOST 645 or INFOST 646; or consent of instructor.

Course Rules: Counts as a repeat of INFOST 647.

Last Taught: Fall 2025.

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

INFOST 639 Library Services for Teens

1 cr. Undergraduate/Graduate.

A foundation for developing, planning, and implementing library services to meet the needs and interests of middle and high school-aged young adults.

Prerequisites: junior standing; previous completion or concurrent enrollment in INFOST 645 or INFOST 646; or consent of instructor.

Course Rules: Counts as a repeat of INFOST 647.

Last Taught: Fall 2025.

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

INFOST 639G Library Services for Teens

1 cr. Undergraduate/Graduate.

A foundation for developing, planning, and implementing library services to meet the needs and interests of middle and high school-aged young adults.

Prerequisites: junior standing; previous completion or concurrent enrollment in INFOST 645 or INFOST 646; or consent of instructor.

Course Rules: Counts as a repeat of INFOST 647.

Last Taught: Fall 2025.

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: Fall 2025.

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: Fall 2025.

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: Fall 2025.

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: Fall 2025.

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 (1 cr. = 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: Fall 2025.

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 (1 cr. = 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: Fall 2025.

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: Fall 2025, Summer 2025.

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: Fall 2025, Summer 2025.

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: Fall 2025.

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:** Fall 2025.**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:** Fall 2025.**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:** Fall 2025.**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. Counts as a repeat of INFOST 637, INFOST 638, and INFOST 639.**Last Taught:** Summer 2022.**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. Counts as a repeat of INFOST 637, INFOST 638, and INFOST 639.**Last Taught:** Summer 2022.**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:** Fall 2025, Summer 2025.**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:** Fall 2025, Summer 2025.**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 2025.**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 2025.**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 2025.**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 2025.**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 2025.**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 a repeat of L&I Sci 691 with similar topic/title.**Last Taught:** Spring 2025.**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 2025.**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 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 671 Applied Web 3.0: Artificial Intelligence and Blockchain**

3 cr. Undergraduate/Graduate.

Introduction and broad survey of Web 3.0 including Artificial Intelligence AI and Blockchain. Topics: AI programming, blockchain technology and development, Artificial Intelligence, and machine learning.

Prerequisites: junior standing and one of the following: INFOST 350(P) or COMPSCI 351(P); or graduate standing and COMPSCI 702(P) or COMPSCI 751(P); or consent of instructor.**Course Rules:** Counts as a repeat of INFOST 691 with similar topic.**Last Taught:** Fall 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 671G Applied Web 3.0: Artificial Intelligence and Blockchain**

3 cr. Undergraduate/Graduate.

Introduction and broad survey of Web 3.0 including Artificial Intelligence AI and Blockchain. Topics: AI programming, blockchain technology and development, Artificial Intelligence, and machine learning.

Prerequisites: junior standing and one of the following: INFOST 350(P) or COMPSCI 351(P); or graduate standing and COMPSCI 702(P) or COMPSCI 751(P); or consent of instructor.**Course Rules:** Counts as a repeat of INFOST 691 with similar topic.**Last Taught:** Fall 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 673 Information Security, Disinformation, & Social Engineering**

3 cr. Undergraduate/Graduate.

Social engineering and disinformation as information security threats considered in domestic and international contexts.

Prerequisites: senior standing or graduate standing.**Course Rules:** Counts as a repeat of INFOST 691 with similar topic.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**INFOST 673G Information Security, Disinformation, & Social Engineering**

3 cr. Undergraduate/Graduate.

Social engineering and disinformation as information security threats considered in domestic and international contexts.

Prerequisites: senior standing or graduate standing.**Course Rules:** Counts as a repeat of INFOST 691 with similar topic.**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 2023.**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 2023.**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 676 Content Management Systems**

3 cr. Undergraduate/Graduate.

Introduction to creating highly functional websites with various tools without using web development languages and coding scripts, but with open source web-based content management systems.

Prerequisites: junior standing; basic HTML knowledge preferred.**Course Rules:** Counts as a repeat of INFOST 691 with similar topic.**Last Taught:** Summer 2025.**Current Offerings:** <https://catalog.uwm.edu/course-search/>

INFOST 676G Content Management Systems

3 cr. Undergraduate/Graduate.

Introduction to creating highly functional websites with various tools without using web development languages and coding scripts, but with open source web-based content management systems.

Prerequisites: junior standing; basic HTML knowledge preferred.

Course Rules: Counts as a repeat of INFOST 691 with similar topic.

Last Taught: Summer 2025.

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

INFOST 676X Content Management Systems

3 cr. Undergraduate/Graduate.

Introduction to creating highly functional websites with various tools without using web development languages and coding scripts, but with open source web-based content management systems.

Prerequisites: junior standing; basic HTML knowledge preferred.

Course Rules: Counts as a repeat of INFOST 691 with similar topic.

Last Taught: Summer 2025.

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.

Last Taught: Spring 2025.

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.

Last Taught: Spring 2025.

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 2023.

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 2023.

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 2025.

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 2025.

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: Fall 2025.

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: Fall 2025.

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: Fall 2025.

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 694 Computer Forensics

3 cr. Undergraduate/Graduate.

Covers fundamental concepts in computer forensics and the latest tools used by forensic experts to analyze and retrieve data from compromised computer systems.

Prerequisites: INFOST 325(P), INFOST 583(P), or COMPSCI 469(P); or graduate standing; or consent of instructor.

Course Rules: Counts as repeat of INFOST 691 with similar topic.

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

INFOST 694G Computer Forensics

3 cr. Undergraduate/Graduate.

Covers fundamental concepts in computer forensics and the latest tools used by forensic experts to analyze and retrieve data from compromised computer systems.

Prerequisites: INFOST 325(P), INFOST 583(P), or COMPSCI 469(P); or graduate standing; or consent of instructor.

Course Rules: Counts as repeat of INFOST 691 with similar topic.

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: INFOST 325(P) or graduate standing.

Last Taught: Fall 2025.

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: INFOST 325(P) or graduate standing.

Last Taught: Fall 2025.

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

INFOST 696 Ethical Hacking II

3 cr. Undergraduate/Graduate.

Advanced concepts in computer security testing, the latest tools used in cyber security to test different computer systems and the creation of personal testing tools.

Prerequisites: INFOST 695(P) or consent of instructor.

Last Taught: Spring 2025.

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

INFOST 696G Ethical Hacking II

3 cr. Undergraduate/Graduate.

Advanced concepts in computer security testing, the latest tools used in cyber security to test different computer systems and the creation of personal testing tools.

Prerequisites: INFOST 695(P) or consent of instructor.

Last Taught: Spring 2025.

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: Fall 2025.

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: Fall 2025.

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: Fall 2025, Fall 2022, Spring 2022, Spring 2021.

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 2025, Spring 2025, Summer 2024, Spring 2024.

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).

Last Taught: Fall 2025, Fall 2024, Fall 2023, Spring 2021.

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 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

Last Taught: Fall 2025, Spring 2025, Fall 2024, Spring 2024.

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

Last Taught: Spring 2025, Spring 2022, Spring 2021, Spring 2020.

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.

Last Taught: Spring 2025, Spring 2024, Spring 2023, Spring 2022.

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).

Last Taught: Fall 2023, Fall 2022, Fall 2021, Fall 2020.

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: Fall 2025, Fall 2024, Fall 2023, Fall 2022.

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: Fall 2025, Spring 2025, Fall 2024, Spring 2024.

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.

Last Taught: Spring 2025, Spring 2024, Spring 2023, Spring 2022.

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

INFOST 756 Community Archives

3 cr. Graduate.

Exploration of community archives by illustrating the reasons for their creation, challenges that they present to traditional archives, and obstacles to their success.

Prerequisites: graduate standing and INFOST 650(C); or consent of instructor.

Course Rules: Counts as a repeat of INFOST 791 with the same topic.

Last Taught: Fall 2024.

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: Fall 2025, Summer 2025, Spring 2025, Fall 2024.

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

INFOST 771 Data Curation

3 cr. Graduate.

Covers concepts and issues relevant to the curation, storage, management, and access of data including data management plans, open data initiatives, and repositories.

Prerequisites: graduate standing and INFOST 511(P) or INFOST 582(P); or consent of instructor.

Last Taught: Fall 2024, Fall 2022.

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 2023, Summer 2021, Summer 2020, Summer 2019.

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 2022, 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: graduate standing.

Last Taught: Fall 2020, Fall 2019, Fall 2018, Spring 2005.

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.

Last Taught: Fall 2025, Spring 2025, Fall 2024, Spring 2024.

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: graduate standing and INFOST 501(P) or consent of instructor.

Course Rules: May be repeated with change in topic to 9 cr max.

Last Taught: Fall 2023, Spring 2023, Fall 2022, Fall 2021.

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: Fall 2025, Summer 2025, Spring 2025, Fall 2024.

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

Last Taught: Spring 2025, Spring 2024, Spring 2023, Fall 2020.

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.

Last Taught: Spring 2025, Spring 2024, Spring 2023, Spring 2022.

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

Last Taught: Spring 2025, Spring 2024, Spring 2023, Summer 2021.

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

INFOST 864 Critical Librarianship

3 cr. Graduate.

Introduction to critical librarianship; overview of theoretical foundations of critical librarianship; outline the role of critical librarianship in library and information services and practices.

Prerequisites: graduate standing and INFOST 501G(P) or consent of instructor.

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.

Last Taught: Fall 2019, Spring 2019, Fall 2017, Spring 2017.

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: graduate standing; consent of instructor.

Course Rules: May be repeated with change in topic to max of 9 cr.

Last Taught: Fall 2025, Fall 2024, Spring 2024, Fall 2023.

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.

Last Taught: Spring 2023.

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.

Last Taught: Fall 2017, Spring 2017, Summer 2016, Spring 2016.

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.

Last Taught: Fall 2025, Summer 2025, Fall 2024, Spring 2024.

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 2024, Fall 2023, Fall 2022, Fall 2021.

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.

Last Taught: Spring 2017, Spring 2016, Spring 2015.

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 2024, Fall 2023, Fall 2022, Fall 2021.

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.

Last Taught: Spring 2025, Spring 2024, Spring 2023, Spring 2022.

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.

Last Taught: Spring 2025, Fall 2023, Spring 2022, Spring 2020.

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 2025, Spring 2024, Fall 2022, Fall 2020.

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.

Last Taught: Fall 2024, Spring 2023, Fall 2021, Spring 2020.

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: Fall 2025, Summer 2025, Spring 2025, Fall 2024.

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

INFOST 991 Fieldwork in Information Science and Technology

1-3 cr. Graduate.

Practical experience in an information science and technology field. Regular faculty consultation and written report(s) required.

Prerequisites: graduate standing, INFOST 582(P), INFOST 583(P), COMPST 701(P), COMPST 703(P), or consent of instructor.

Course Rules: May be retaken to 6 cr max.

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: Fall 2025, Spring 2025, Fall 2024, Spring 2024.

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: Fall 2025, Summer 2025, Spring 2025, Fall 2024.

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: Fall 2025, Summer 2025, Spring 2025, Fall 2024.

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