

# INF - INFORMATION SCIENCES

## **INF 4010 Introduction to Informatics Cr. 3**

This course introduces students to the discipline of informatics—how information technologies are developed, applied, and utilized in society. It examines the most important issues at the intersection of information technology and society including the economy, health and medicine, business and finance, politics, and the natural environment. The course introduces students to issues of mis- or weak-information, information ethics, and information policy. Students will learn and discuss the basic concepts of Informatics including concepts such as data, information, knowledge, and uncertainty. Distinct aspects of web technology, interface design, programming and application design, and data science may be emphasized in certain sections, including exercises on parsing, managing, analyzing, and archiving data. Offered Every Term.

## **INF 6010 Information in Society Cr. 3**

Foundational information is essential to providing knowledge of and appreciation for the nature and functions of the information professions. This course assists in the development of a conceptual framework to understand the role of information organizations in society, past, present, and future, and promotes a personal philosophy of professional development. Social justice is a critical element to working in information organizations and to the creation of personal beliefs and values. The integration of both professional knowledge and personal values toward working in an information organization creates the structure of the course. Core course. Prerequisite for all MLIS courses. Offered for graduate credit only. Offered Every Term.

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

## **INF 6050 Computer Programming Cr. 3**

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

## **INF 6080 Fundamentals of Information Technology Cr. 3**

Students will understand the interactions of computer hardware, software, networks and systems. Students will also apply productivity tools to solve professional problems of practice. Finally, students will have the foundation to recognize and improve accessibility of information technologies for diverse users and information centers. The 21st Century information professional is faced with an ever-changing environment with new and updated technologies as well as an increasingly tech-savvy patronage. The very existence of libraries depends upon the professionals who work there. Providing information to patrons in a way that is appropriate, accessible, and relevant is the key to survival. This course provides the framework for students to understand the important roles of information technologies in the information center, to develop an understanding of the technology lexicon and to confidently adapt to changing technologies. Core course. Offered for graduate credit only. Offered Every Term.

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

## **INF 6120 Access to Information Cr. 3**

This general reference course introduces students to the content, structure, and organization of print and non-print reference resources. The course addresses the philosophy and procedures of equitable and inclusive information provision to diverse populations. The course provides practical experience in reference interviewing and searching techniques in finding answers to real world questions along with promoting information literacy instruction. Core course. Offered for graduate credit only. Offered Every Term.

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

## **INF 6210 Organization of Information Cr. 3**

This course introduces the fundamental principles and concepts critical to a user's ability to access information efficiently and effectively. Libraries and information centers ensure that materials are described, classified and organized so that users can find, identify, select, obtain and navigate the documents that satisfy their information needs. These fundamental principles and concepts are examined and applied in practice and with a critical eye to social justice issues to develop students' understanding of the basic processes involved in providing access to information. Core course. Offered for graduate credit only. Offered Every Term.

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

## **INF 6415 Project Management Cr. 3**

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

## **INF 6420 Web Development Cr. 3**

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

## **INF 6460 Database Design and SQL Cr. 3**

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

## **INF 6490 Statistics and Data Analysis Cr. 3**

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

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

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

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

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

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

**INF 6530 Young Adult Literature Cr. 3**

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

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

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

**INF 6780 Introduction to Records and Information Management Cr. 3**

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

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

**Equivalent:** HIS 6780

**INF 6850 Issues in Information Sciences Cr. 1-3**

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

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

**Repeatable for 9 Credits**

**INF 7040 Management and Leadership Cr. 3**

This course introduces management skills and leadership development necessary for the successful functioning of libraries and other information institutions. Students will learn strategies that foster diverse leadership styles and practices to meet the needs of communities being served. Libraries and information institutions are complex organizations influenced by several factors including their size, user communities, mission, organization structure, and location. New graduates often receive assignments that require managerial and leadership skills. Professionals advancing within their careers may further become involved in the management process and assume responsibilities at various administrative levels. This course is designed to prepare students with the foundational skills for various levels of involvement in the management of libraries and information institutions. Core course. Offered Every Term.

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

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

**INF 7050 Public Libraries Cr. 3**

This course is intended to expand the concepts which are broadly introduced in INF 6010 and INF 7040, and to build on other courses which are required of MLIS candidates in a manner specific to public librarians. It provides library and information science students with knowledge of the history, organization, and function of public libraries, and the skills necessary to deliver the wide range of services unique to this challenging area of librarianship. Offered Yearly.

**Prerequisites:** INF 7040 with a minimum grade of C

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

**INF 7060 Academic Libraries Cr. 3**

Academic libraries play a crucial role in education, training, research, and scholarly communication. Their collections and services are developed to promote the goals and objectives of the parent institution. Academic libraries are viewed as an important instructional support unit and participant in the teaching- research process of colleges and universities with diverse student body. They also play an important role in the storage and preservation of recorded human knowledge. In recent years, their role in the development and their utilization of electronic information technology has led to significant changes in service to their diverse sets of users. Since academic libraries are serving complex organizations, most are complex organizations themselves. Their staff perform a multitude of tasks and services requiring specialized knowledge and competencies. Offered Fall.

**Prerequisites:** INF 7040 with a minimum grade of C

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

**INF 7070 Special Libraries and Information Centers Cr. 3**

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

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

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

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

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

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

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

**INF 7310 School Library Media Programs Cr. 3**

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

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

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

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

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

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

**INF 7340 Collection Development and Selection of Materials Cr. 3**

Since a principal function of a library is to provide materials to meet the needs of its clientele and to support the organization's mission, the objective of this course is to provide philosophical and practical guidance in selecting and acquiring materials for library collections. The course will also treat the larger issues of collection management including evaluation, deselection, preservation, and diversity and equity issues. Offered Every Term.

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

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

**INF 7370 Culture Matters: Decolonizing Information Cr. 3**

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

**Prerequisites:** INF 6120 with a minimum grade of C

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

**INF 7435 Integrated Library Systems Cr. 3**

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

**Prerequisites:** INF 6210 with a minimum grade of C

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

**INF 7440 Advanced Web Development Cr. 3**

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

**Prerequisites:** INF 6050 with a minimum grade of C and INF 6420 with a minimum grade of C (may be taken concurrently)

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

**INF 7455 Human-Computer Interaction Cr. 3**

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

**Prerequisites:** INF 6080 with a minimum grade of C or INF 6000 with a minimum grade of C

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

**INF 7470 Information Architecture Cr. 3**

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

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

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

**INF 7491 Applied Data Analytics Cr. 3**

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

**Prerequisites:** INF 6050 with a minimum grade of C and INF 6490 with a minimum grade of C (may be taken concurrently)

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

**INF 7492 Information Visualization Cr. 3**

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

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

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

**INF 7500 Information Behavior Cr. 3**

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

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

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

**INF 7610 Health Sciences Information Services and Resources Cr. 3**

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

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

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

**INF 7620 Health Informatics Cr. 3**

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

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

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

**INF 7710 Archival Administration Cr. 3**

Basic training in archival methods. Offered Fall.

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

**Equivalent:** HIS 7840

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

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

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

**INF 7715 Archival Reference Cr. 1**

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

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

**INF 7730 Administration of Audio Visual Collections Cr. 3**

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

**Prerequisites:** INF 7710 with a minimum grade of C

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

**Equivalent:** HIS 7890

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

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

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

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

**Equivalent:** HIS 7745

**INF 7750 Introduction to Archival and Library Conservation Cr. 3**

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

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

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

**Equivalent:** HIS 7810

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

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

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

**Equivalent:** HIS 7860

**INF 7775 Primary Historic Research for Information Professionals and Archivists Cr. 1**

In Library and Information Science education hands-on primary source work broadens librarians' and archivists' research skills. Excellent primary historic research abilities will deepen the knowledge of the resources available to the student and their future patrons. This course addresses the challenges in conducting primary research of original historic materials. Students will develop organizational skills in research pre-planning, on-site planning as well as note-taking. The intent is to allow students to efficiently use their time to create a solid definable trail in order to document this type of research. This will enhance students' ability to publish, present, and assist researchers in their future information management career. Offered Fall.

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

**INF 7780 Description and Access for Archives Cr. 3**

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

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

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

**Equivalent:** HIS 7820

**INF 7785 Website Preservation Cr. 2**

The Internet has become our main mode of communication. The need to preserve websites is a challenge culturally and technologically. This is a growing field with a limited amount of professionals having developed these unique skills. This course addresses the challenges in needs assessment, as well as technological limitations. Students will spend significant time with these complex tools and understand how to create successful workflows. Offered Intermittently.

**Prerequisites:** INF 6050 with a minimum grade of C, INF 6080 with a minimum grade of C, or INF 7780 with a minimum grade of C

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

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

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

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

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

**INF 7830 Community Engagement Cr. 3**

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

**Prerequisites:** INF 6010 with a minimum grade of C

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

**INF 7835 Community Archives Cr. 3**

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

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

**INF 7880 Instructional Methods for Librarians Cr. 3**

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

**Prerequisites:** INF 6120 with a minimum grade of C

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

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

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

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

**Equivalent:** HIS 7880

**INF 7900 Digital Libraries Cr. 3**

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

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

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

**INF 7910 Metadata in Theory and Practice Cr. 3**

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

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

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

**INF 7920 Digital Curation and Preservation Cr. 3**

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

**Prerequisites:** INF 6210 with a minimum grade of C

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



**INF 7930 User Experience (UX) Design Cr. 3**

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

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

**INF 7950 Practicum: Library Services Cr. 3**

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

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

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

**INF 7960 Practicum: Information Management Cr. 3**

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

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

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

**INF 7970 Practicum: Archives Cr. 3**

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

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

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

**Equivalent:** HIS 7685

**INF 7975 Practicum: Digital Content Cr. 3**

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

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

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

**Repeatable for 6 Credits**

**INF 7980 Practicum: School Media Cr. 2-3**

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

**Prerequisites:** INF 7320 with a minimum grade of C, INF 6120 with a minimum grade of C, INF 6210 with a minimum grade of C, INF 7310 with a minimum grade of C, and 9 credits from INF 6000-9999

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

**INF 7990 Research and Directed Study Cr. 1-8**

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

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

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

**Repeatable for 8 Credits**

**INF 7996 Research for the Information Professions Cr. 3**

A knowledge of research methods is necessary for information professionals to conduct research, assist other researchers, integrate ethical principles, and critically read research literature. This course is also designed to demonstrate the importance of research and to strengthen the critical and analytical skills of students. It examines the role of social justice, inclusion, equity and diversity in research in the information professions, and it examines the role of research in the development of the profession and in contemporary management. The course includes consideration of various research methods used in the information professions with illustrations based on specific problems related to information organizations. Students identify a research problem, design a research project to investigate the problem and write a research proposal describing how the research would be conducted. Core course. Offered Every Term.

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

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

**INF 8000 Seminar in Information Policy Cr. 3**

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

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

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

**INF 8140 Advanced Reference Service Strategies Cr. 3**

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

**Prerequisites:** INF 6120 with a minimum grade of C

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

**INF 8160 Advanced Online Searching Cr. 3**

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

**Prerequisites:** INF 6120 with a minimum grade of C

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

**INF 8850 Advanced Issues in Information Sciences Cr. 3**

Current topics affecting the information sciences. Offered Every Term.

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

**Repeatable for 9 Credits**

**INF 8998 Specialist's Research Seminar Cr. 3**

Advanced research methods and application. Offered Spring/Summer.

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