INF - INFORMATION SCIENCES

INF 6000 Introduction to Information Management Cr. 3
Introduction to current data/information management from an interdisciplinary perspective, incorporating the latest ideas, techniques, and technologies into the data/information life cycle. Offered for graduate credit only. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 6010 Introduction to the Information Profession Cr. 3
The development and place of libraries in society; objectives, functions of and trends in major types of libraries. Core course. Prerequisite for all MLIS courses. Offered for graduate credit only. Offered Every Term.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 6050 Introduction to 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 Information Technology Cr. 3
Storage and retrieval problems as approached by conventional and nonconventional methods. Computer applications in libraries. Core course. Offered for graduate credit only. Offered Every Term.
Prerequisites: May be taken concurrently: 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 6120 Access to Information Cr. 3
Reference function of the library including print and electronic reference sources; development of interpersonal communication skills to increase effectiveness in response to patrons’ information needs; effective search strategies for all types of reference. Core course. Offered for graduate credit only. Offered Every Term.
Prerequisites: May be taken concurrently: 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 6210 Organization of Knowledge Cr. 3
Characteristics of recorded knowledge: identification and description of recorded information; principles of physical description, authority control, and subject access; creation of catalogs and databases. Core course. Offered for graduate credit only. Offered Every Term.
Prerequisites: May be taken concurrently: INF 6010 with a minimum grade of C and May be taken concurrently: 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 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.
Prerequisites: May be taken concurrently: INF 6010 with a minimum grade of C and May be taken concurrently: 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.
Equivalent: LDT 5140

INF 6510 Survey and Analysis of Current Literature for Children: PS-Grade 3 Cr. 3
Intensive examination of books appropriate for preprimary and primary school children. Analysis of the literary and extra-literary factors that affect the young child’s experiences with fiction, nonfiction, and poetry. Offered for graduate credit only. Offered Fall.
Prerequisites: May be taken concurrently: INF 6010 with a minimum grade of C and May be taken concurrently: 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.
Equivalent: RLL 7720

INF 6520 Survey and Analysis of Literature for Older Children: Grades 4-8 Cr. 3
Intensive examination of books appropriate for children in grades four through eight. Analysis of literary and extra-literary factors affecting the older child’s experiences with fiction, nonfiction, and poetry. Offered for graduate credit only. Offered Winter.
Prerequisites: May be taken concurrently: INF 6010 with a minimum grade of C and May be taken concurrently: 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.
Equivalent: RLL 7740

INF 6530 Young Adult Literature Cr. 3
Standards for evaluating adolescent literature. Selection of literature for individual pupils in relation to interest and reading ability. Use of classroom collections. Techniques for helping pupils read poetry, drama, and fiction. Offered for graduate credit only. Offered Spring/Summer.
Prerequisites: May be taken concurrently: INF 6010 with a minimum grade of C and May be taken concurrently: 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.
Equivalent: EED 6310

INF 6570 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.
Prerequisites: May be taken concurrently: INF 6010 with a minimum grade of C and May be taken concurrently: 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.
Equivalent: HIS 6780
INF 7040 Library Administration and Management Cr. 3
Library as an organization in various settings, functional diversification, staffing patterns, program planning, budgeting, performance evaluation, communication, and public relations. Core course. Offered Every Term.
Prerequisites: May be taken concurrently: INF 6080 with a minimum grade of C and May be taken concurrently: 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 7050 Public Libraries Cr. 3
Development of concepts introduced in LIS 6010; history, organization and function of public libraries; development of skills necessary to public librarianship. Offered Yearly.
Prerequisites: May be taken concurrently: INF 7040 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7060 Academic Libraries Cr. 3
Development of topics introduced in LIS 7040; history, organization, and function of the academic library within educational and research institutions; development of management and personnel concepts necessary to academic librarianship. Offered Fall.
Prerequisites: May be taken concurrently: 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 7140 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 7160 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 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
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 7415 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.
Prerequisites: INF 7040 with a minimum grade of C or May be taken concurrently: 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 7420 Website 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.
Prerequisites: INF 6080 with a minimum grade of C or May be taken concurrently: 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 7430 Building Web-Based Information Services Cr. 3
Principles of systems administration, file server supervision and local networks, and Internet and the World Wide Web management for library, information science, and archival environments. Offered Fall.
Prerequisites: INF 6080 with a minimum grade of C or May be taken concurrently: 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 7435 Integrated Library Systems Cr. 3
Practical experience with common Integrated Library Systems; understanding the role of ILS in function of the information organization. Extensive use of computing facilities. Offered Spring/Summer.
Prerequisites: INF 6210 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7440 Scripting Languages Cr. 3
Basic skills in using scripting languages to program and manipulate data structures for text information in library applications such as databases and websites. Offered Winter.
Prerequisites: INF 6080 with a minimum grade of C or May be taken concurrently: 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 7460 Database Concepts 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.
Prerequisites: INF 6080 with a minimum grade of C or May be taken concurrently: 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 May be taken concurrently: 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 7490 Competitive Intelligence and Data Mining Cr. 3
Use of multidimensional databases, competitive intelligence and visualization software, data mining tools; access to disparate information sources to support and provide a structure for fact-based decision making. Offered Fall.
Prerequisites: INF 6080 with a minimum grade of C or May be taken concurrently: 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 7491 Data Analytics Cr. 3
Key areas of information analytics used by data librarians: quantitative statistics, computer simulation, and data mining tools/techniques. Offered Yearly.
Prerequisites: INF 6080 with a minimum grade of C or May be taken concurrently: 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 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 May be taken concurrently: 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 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 May be taken concurrently: 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 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
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7620 Introduction to Health Informatics and E-Science 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 May be taken concurrently: 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 7645 Practicum: Urban Librarianship Cr. 6
On-site experience in an urban library under direction of professional librarian and supervision of faculty member. Theory and competencies relevant to the environment. Seminars to be arranged. Offered Every Term.
Prerequisites: INF 6010 with a minimum grade of B and INF 6080 with a minimum grade of B
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
Overview of archival management, administration, and control of digital collections in archives, librarians, historical agencies, and museums. Offered Spring.
Prerequisites: INF 6080 with a minimum grade of C or May be taken concurrently: 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 7770 Administration of Audio Visual Collections Cr. 3
Practical experience in audio visual collections management and control. Offered Winter.
Prerequisites: INF 7710 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 7780 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, libraries, historical agencies, and museums. Offered Winter.
Prerequisites: INF 7710 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 7790 Information Sciences Minor
A total of 21 credits is required, which must include the following courses: INF 7435 Integrated Library Systems (3 credits), INF 7440 Scripting Languages (3 credits), INF 7460 Database Concepts (3 credits), INF 7470 Information Architecture (3 credits), INF 7490 Competitive Intelligence and Data Mining (3 credits), INF 7491 Data Analytics (3 credits), INF 7492 Information Visualization (3 credits), INF 7500 Information Behavior (3 credits), INF 7610 Health Sciences Information Services and Resources (3 credits), INF 7620 Introduction to Health Informatics and E-Science (3 credits), INF 7645 Practicum: Urban Librarianship (6 credits), INF 7710 Archival Administration (3 credits), INF 7770 Administration of Audio Visual Collections (3 credits), and INF 7780 Administration of Audio Visual Collections (3 credits).
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 Every Other Year.
Prerequisites: INF 6010 with a minimum grade of C or 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; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.
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; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.
Equivalent: HIS 7860

INF 7780 Description and Access for Archives Cr. 3
Investigation of description of archival materials emphasizing the electronic technologies and standard practices. Offered Yearly.
Prerequisites: May be taken concurrently: 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; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.
Equivalent: HIS 7820

INF 7790 History of Books, Printing, and Publishing Cr. 3
Development of writing, the alphabet, early materials, manuscripts, paper making, invention and spread of printing, famous presses, modern methods of print and electronic production. The book as artistic output of the culture and part of the world in which it was produced. Offered Yearly.
Prerequisites: INF 6010 with a minimum grade of C and INF 6080 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7850 Issues in Librarianship Cr. 1-3
Critical analysis of library research, socio-technological trends, implications for the profession. Topics to be announced in Schedule of Classes. Offered Yearly.
Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 9 Credits

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 Administration of Historical Agencies 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; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.
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 and INF 6080 with a minimum grade of C and 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 and INF 6080 with a minimum grade of C and 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 7920 Digital Curation and Preservation Cr. 3
Theoretical principles and practical aspects of digital curation and preservation within libraries, museums, archives and other institutions administering data and digital content. Offered Yearly.
Prerequisites: INF 6210 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7940 Human-Computer Interaction Cr. 3
Interactions between human beings and computer technologies through usability evaluations and user experience design. Offered Fall.
Prerequisites: INF 6080 with a minimum grade of C or May be taken concurrently: 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 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: 9 credits from INF 6000-9999, LIS 6000-9999 and INF 6010 with a minimum grade of C and INF 6080 with a minimum grade of C and INF 6120 with a minimum grade of C and INF 6210 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 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 May be taken concurrently: 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 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 Winter, Spring/Summer.
Prerequisites: 2 of INF 6780, INF 7730, INF 7740, INF 7750, INF 7770, INF 7885 and INF 7710 with a minimum grade of C and INF 7780 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.
Equivalent: HIS 7685
INF 7975 Practicum: Digital Content Cr. 3  
Practical experience with digital content under direction of professional librarian and supervision of faculty member. Theory and competencies relevant to the environment. Offered Every Term.  
Prerequisite: INF 7900 with a minimum grade of C and INF 7910 with a minimum grade of C and INF 7920 with a minimum grade of C  
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.  
Repeatable for 6 Credits

INF 7980 Practicum: School Media Cr. 2-3  
On-site experience in school library media/information center under direction of professional librarian and supervision of faculty member; theory and competencies. Seminars to be arranged. Offered Every Term.  
Prerequisites: 9 credits from INF 6000-9999, LIS 6000-9999 and INF 6120 with a minimum grade of C, INF 6210 with a minimum grade of C, and INF 7310 with a minimum grade of C  
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Information Sciences.

INF 7990 Research and Directed Study Cr. 1-8  
Directed study and individual research under faculty guidance. Offered Every Term.  
Prerequisites: INF 6010 with a minimum grade of C and INF 6080 with a minimum grade of C  
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the Liberal Arts & Sciences or School of Information Sciences.  
Repeatable for 8 Credits

INF 7996 Research for the Information Profession Cr. 3  
Role of research in development of the profession. Research methods; analysis and evaluation of research reports. Core course. Offered Every Term.  
Prerequisites: INF 6120 with a minimum grade of C and INF 6210 with a minimum grade of C or May be taken concurrently: 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 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 May be taken concurrently: 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 8120 Legal Information Resources and Services Cr. 1  
Characteristics of legal literature, including federal, state and administrative law; structure of U.S. court system and its publications; introduction to legal databases; special problems in legal reference service and administration; selection and use of basic tools in legal research. Offered Intermittently.  
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 8410 Topics in Information Management Cr. 1-3  
Current topics affecting information management systems and services. 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.