7401 Graduate Landscape Ecology (3) Required field trips for which a deposit is required at registration. Basic principles of ecology and environmental systems; application of ecological principles and relationships to resource, recreation, and landscape planning, with attention to conservation ethics and legal regulations leading to sustainability of the landscape.

8000 Thesis Research (1-12 per sem.) *S*/U* grading.

LATIN * LATIN

General education courses are marked with stars (★).

1001 Elementary Latin (4) Nonlaboratory reading course in classical Latin; emphasis on comprehension rather than grammar; repetition of controlled vocabulary and contextual clues used to read extensive passages of simple Latin.

★ 2051 Intermediate Latin (4) Prereq.: LATIN 1001 or equivalent. Reading comprehension approach to language continued in extensive passages of moderate difficulty; vocabulary building and basic Latin grammatical concepts.

★ 2053 Intermediate Latin (3) Prereq.: LATIN 2053 or equivalent. Nonlaboratory comprehension approach includes material of the difficulty of 1st century Latin poetry and prose.

★ 2065 Golden Age Narrative Poetry (3) Prereq.: LATIN 2053 or equivalent. Reading from the narrative poets, including selections from Vergil’s Aeneid and from Ovid’s Metamorphoses.

★ 2066 Golden Age Prose (3) Prereq.: LATIN 2053 or equivalent. Readings from Roman prose writers (excluding the historians): the major speeches, letters, and philosophical essays of Cicero; selections from Plautus and Terence; emphasis on dramatic techniques; selection from the Carmina of Catullus and/or from Ovid’s Metamorphoses.

★ 2073 Roman Historians (3) Prereq.: LATIN 2053 or equivalent. Readings from Roman historians; selections from Livy and/or Tacitus; prose style and philosophy of history of the author(s).

★ 2074 Golden Age Lyric Poetry (3) Prereq.: LATIN 2053 or equivalent. Readings from the lyric poets; selections from the Carmina of Catullus and/or the Odes of Horace, with attention to emotional content.

4001 Intensive Latin Language (3) A specialized course intended to provide a reading knowledge of Latin. For graduate students and advanced undergraduates for whom a familiarity with another foreign language is strongly recommended. Successful completion of this course will be regarded as sufficient preparation for LATIN 4006. Does not count toward satisfying foreign language requirement for undergraduates, although hours may count toward baccalaureate. Credit will not be given for both this course and introductory Latin courses. Syntax, grammar, and lexicology of Latin: graduated readings from representative authors.

4002 Roman Satire (3) Readings from Petronius’ Satyricon, Martial, and others as they are read for their humor, with attention to evidence of the lives and language of ordinary Roman people.

4003 Readings in the History of Livy (3) Selections from the History of Livy by Titus Livy, emphasizing his historical significance.

4004 Roman Comedy (3) Reading of representative plays of Plautus and Terence, with attention to dramatic techniques and comic conventions.

4006 Medieval and Renaissance Latin (3) Readings from the time of the medieval Latin writers to Milton.

4007 Latin in Composition (3) Practice in writing Latin prose; emphasis on grammar and syntax of classical Latin, using Ciceroan prose style as the model.

4100 Survey of Latin Literature (3) Readings in major Roman authors from the beginning to Ammianus Marcellinus; supplementary readings in English in the literary, political, and social history of Rome.

4023 Special Topics in Latin Poetry (3) May be taken for a max. of 6 sem. hrs. of credit. Readings and studies in the works of one or more major poets of the Roman Republic or Roman Empire.

4024 Special Topics in Latin Prose (3) May be taken for a max. of 6 sem. hrs. of credit. Readings and studies in the works of one or more of the major prose writers of the Roman Republic or Roman Empire.

4120 Roman Elegy (3) Readings in the major Latin elegiac poets such as Ovid, Propertius, and Tibullus; attention to poetic technique and to Roman attitudes toward love and women.

4915 Independent Work (1-3) May be taken for a max. of 6 sem. hrs. of credit. Permission of department required. Readings in Latin literature directed by a senior faculty member.

7003 Seminar in Latin Literature (3) May be taken for a max. of 15 hrs. of credit as topics vary.

LIBERAL ARTS * LIBA

Liberal Arts 7000 and 7900 are required.

7000 Liberal Arts: Methods of Inquiry (3) Interdisciplinary study in the liberal arts; modes of inquiry in different disciplines, comparison of different fields of study and means of integrating these into the whole.

7000 Liberal Arts: Themes and Commonalities (3) Major ideas in the liberal arts; major periods, movements, themes, or problems in Western culture.

7001 Independent Study (1-3) Prereq.: credit or concurrent enrollment in LIBA 7000. May be taken for a max. of 6 sem. hrs. of credit. Directed individual readings by the graduate faculty.

8000 Thesis Research (1-12 per sem.) *S*/U* grading.

LIBRARY AND INFORMATION SCIENCE * LIS

1001 Library Reading Methods and Materials (1) Fundamentals of college-level research; location, evaluation, and use of information resources; methods of introduction to the library and to the organization, access, and retrieval of information; hands-on experience in a variety of printed and electronic resources.

2001 Introduction to Information Technologies (3) Credit will not be given for this course and CSC 1100, EXST 2000, and IDS 1100. Introduction to hardware, software, computer networks, and database management systems; use of application software, electronic databases, and search engines.

7002 Information Services (3) Prereq.: major or permission of department. Preparation for reference and bibliographic services; selection and use of general, scholarly, and specialized reference resources in various subject fields.

7003 Principles of Collection Management (3) Basic principles of collection development and management, including community and user needs analysis, selection strategies, and tools.

7004 Principles of Management for Librarians and Information Specialists (3) Prereq.: major or permission of department. Basic functions of management and their application to the operations of libraries and information service agencies.

7005 Foundations of Library and Information Science (3) Prereq.: major or permission of department. Must be taken in the first semester of residence or prior to registration for the tenth hour of course work to be counted for the MLS degree, whichever occurs first. History, theory, practice, philosophy, and current organization of the information service professions.

7008 Information Technologies (3) Prereq.: major or permission of department. Networking, telecommunication issues related to information services for libraries and information settings; experience with appropriate systems.

7101 Information Needs Analysis (3) Prereq.: major or permission of department. User-centered approaches to meeting information needs of individuals and communities: community analysis, user studies, and reference interview.

7102 Bibliographic Organization and Resource Development (3) Prereq.: major or permission of department. Conceptual foundations of bibliographic organization and resource development; basic principles and methods of description, organization, and access; bibliographical lists: principles, methods, issues, and trends of resource selection for user populations.

7103 Evaluation of Information Systems (3) Prereq.: major or permission of department. Evaluation of information system performance; systems analysis techniques; development and use of performance measures; strategies for improving system performance.

7101 Media and Services for Children (3) Developmentally appropriate library and information services for children, ages birth to eleven; emphasis on literature and uses of literature in schools and libraries.

7102 Media and Services for Adults (3) Developmentally appropriate library and information services for young adults, ages 15 to 18; emphasis on literature and uses of literature in schools and libraries.

7103 Media and Services for Young Adolescents (3) Developmentally appropriate library and information services for young people, ages 11 to 14; emphasis on literature and its value in the lives of pubescent youths.

7106 Advanced Topics in Collection Management (3) Prereq.: LIS 7003 or 7012 or consent of instructor. May be taken for a max. of 6 sem. hrs. of credit when topics vary. Advanced study in collection management; emphasis on formats and special conditions, such as serials, audio-visual and special collections, rare and out-of-print materials, foreign languages, trade, or alternative literatures or procedures, such as evaluation or acquisitions.

7107 Use of Media in Libraries (3) Examination of media as translated into a variety of library settings and as related to various library patron groups; problems and trends with uses of media, software, and hardware.

7200 Resources for the Humanities (3) Information resources in major areas of the humanities.

7201 Resources for the Social Sciences (3) Information resources in major areas of the social sciences.

7202 Resources for Science and Technology (3) Information resources in major areas of pure and applied sciences.

7203 Sources of Government Information (3) Government publications as products of government activity and as sources of information.

7205 Business Information Resources (3) Information resources in major areas of business and economics.

7400 School Media Centers (3) Philosophy and objectives of library media centers and information services in schools; emphasis on the roles and responsibilities of the media specialist.

7401 Academic Libraries (3) Study of libraries in higher education; their development, organization, financing, and administration; human resources, collections; services; and futures.

7402 Cooperative Consortia, and Networks (3) Major types of local, state, regional, and national service agencies among all types of libraries, including organization, governance, services, and uses of technology.

7403 Special Libraries and Information Centers (3) Major types of special libraries; their purpose and function in business, government, and other organizations; principles of administration; technical processing; reference services; special methods, routines, and records.

7404 Health Sciences Information Centers (3) Administration, organization, function, and structure of health sciences libraries; collection development and reference emphasis on major print and electronic information resources.

7405 Public Libraries (3) Role of the public library in past and present American society; its relationship to the social and political communities.

7406 Literature and Methods for Readers’ Advisory Services (3) Value and role of leisure reading in public libraries; interview techniques, support processes, and bibliographic resources for providing services to adults and older adolescent readers.

7408 Principles of Archives Management (3) Identification, collection, arrangement, description, preservation, and use of the full range of historical documents and current institutional records.

7409 Human Computer Interaction (3) Study of interactions between humans and information technologies, learning, and nonlearning systems, human factors in digital environments; human cognition, user modeling, system design approaches, evaluation methods.

7410 Digital Libraries (3) Prereq.: LIS 7008 or consent of instructor. Current activities, models, methods and tools for digital library creation and support; theoretical and practical aspects of digital library creation, using a variety of formats and approaches.

7501 Management of Information Systems (3) Management of the selection, acquisition, and implementation of computer systems within the context of library and information service agencies.

7502 Networks for Information Centers (3) Prereq.: LIS 7008 or permission of instructor. Standards, policy, theory, and technical issues related to electronic networks; impact on information organization; current information; human cognition, user modeling, system design approaches, evaluation methods.

7503 Information Technology and Public Policy (3) Examines the impact of information technology and public policies on economic, social and political systems; focuses on major policies related to information technologies within the United States and selected countries.

7504 Preservation Management of Physical Records (3) Study of preservation management function, highlighting causes of deterioration of print and non-print collections, as well as policies and practices that ensure their maximum usable life.

7505 Management of Knowledge-Related Assets in Organizations (3) Analysis of the nature and uses of knowledge-based assets in organizations; systems for managing knowledge-based assets will be considered in the context of institutions’ overall information ecology; examination of the role of the information professional in organizing and providing...