identification of resting and exercise electrocardiograms.

7560 Fall Practicum in Health and Physical Education (5) Prereq.: Permission of instructor. Consent of instructor. 1 hr. lecture; 8 hrs. lab. Pass-fail grading. First teaching practicum in local schools.

7561 Spring Practicum in Health and Physical Education (5) Prereq.: physical education cohort membership or consent of instructor. 1 hr. lecture; 8 hrs. lab. Pass-fail grading. Second teaching practicum in local schools.

7570 Critical Issues in Teaching Health and Physical Education (3) Prereq.: physical education cohort membership or consent of instructor. Critical theory and research related to pedagogical practices in health and physical education.

7575 Research Practicum in Health and Physical Education (3) Prereq.: physical education cohort membership or consent of instructor. Analysis of teacher-researcher literacy; its application to teaching health and physical education.

7580 Research Project in Health and Physical Education (3) Prereq.: physical education cohort membership and completion of KIN 7560 and 7561 or consent of instructor. 2 hrs. lecture; 2 hrs. lab. Development, completion, and presentation of a research problem in teaching health and physical education.

7600 Landscape Design Development and use of landscapes for recreation and social and environmental factors which contribute to the development of earliest landscape design. Such factors as landform, plants, and structures, topographic mapping conventions, grading design, drainage and water management, roadway design and alignment. 2400 Development of structures, roads, and storm structures and RNR 1001 or equivalent. Class includes field trips. 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.

3001 Landscape Design III: Site Planning and Design (6) Prereq.: LA 2002 and 2001 or equivalent. 12 hrs. studio. Required field trip. Students are responsible for paying travel expenses associated with the course. Arrangement of buildings, circulation, and other landscape design elements; emphasis on earthwork and drainage. 3002 Landscape Design IV: Community Design (6) Prereq.: LA 3001 or equivalent. Studio. Landscape planning and design at the community and neighborhood scale; emphasis on relationships of uses, transportation infrastructure, parks and other supporting public services, and a mix of housing and commercial types.

3101 Landscape History I (5) Prereq.: LA 2201. Major developments in landscape design and alignments of the 18th and 19th centuries; theory and aspects of contemporary practice of landscape architecture.

3003 Landscape Technology II: Grading, Draining, and Roads (3) Prereq.: LA 2001 or equivalent; consent of instructor. 2 hrs. lecture; 2 hrs. studio. Advanced grading and drainage with emphasis on aesthetic aspects of grading and best management practices and sustainability, landscape architectural systems and infrastructures including advanced roadway design and alignment. 3002 Landscape Technology III: Design Detailing (3) Prereq.: LA 3001 or equivalent; consent of instructor. 2 hrs. lecture; 2 hrs. studio. Design and implementation through construction processes, detailing as an extension of design, landscape architectural materials, basic structural theory, detailing and structures, technical specifications as a means of ensuring design intent.

3001 Plant Materials I (3) Prereq.: LA 2401 for undergraduate students. 1 hr. lecture; 4 hrs. lab. Identification and study of plant materials with specific recognition of the visual and ecological characteristics of plants used in landscape design.

3002 Plant Materials II (3) Prereq.: LA 3001. 1 hr. lecture; 4 hrs. lab. Continuation of LA 3001 with the inclusion of basic principles of landscape design. 4001 Landscape Design: Landscape Planning and Development I (6) Prereq.: LA 3002 and 3001. 12 hrs. studio. Landscape architecture and design of the urban milieu and suburban region, the site design development scale; emphasis on generating planning and design strategies for urbanization and development that are informed by an understanding of ecology and culture of the region, and based on principles of sustainability.

4002 Landscape Design VI: Specialization (6) Prereq.: LA 4001. 12 hrs. studio. Required field trip. Students are responsible for paying travel expenses associated with the course. Studio projects addressing various aspects of landscape architecture.

4101 Advanced Digital Representation (3) Prereq.: LA 1102, 2101, or equivalent. Advanced techniques in digital representation, such as 3-D modeling, terrain modeling, animation, advanced imaging, and rendering. 4201 Theory and Methods of Landscape Planning (3) 2 hrs. lecture; 2 hrs. lab. Principal theoretical literature in landscape design and planning, landscape planning theories and methods; basic skills in the use of GIS, global positioning systems (GPS), and remote sensing/image processing technology.

4203 Reading the Louisiana Landscape (3) Advanced seminar exploring the use of diverse sources to research and understand the development of landscapes; apply these findings to project-based work.

4204 Planning Disaster Resilient Communities (3) Theory and methods of disaster planning and planning strategies for considering hurricanes, earthquakes, cyclones, tsunamis, and landslides chiefly in regions located near low-lying coastal areas and flood plains.

4301 Landscape Technology IV: Specialization (3) Prereq.: LA 3002 or equivalent. 2 hrs. lecture; 2 hrs. studio. Specialization topics in landscape architecture: construction and design implementation.

4501 Field Studies in Landscape Architecture (1-3) May be taken for a max. of 6 hrs. of credit. Elective field trip. Students are responsible for paying travel expenses associated with this course. Field trip to landscape architectural office, projects, historic sites, and schools throughout the United States and abroad.

4502 Independent Study in Landscape Architecture (3) Prereq.: consent of School director. Independent study under faculty guidance. Program of individual study under faculty guidance, including auditing lectures, reading, and preparing notes, research, and exercises in methods of inquiry related to the area of specialty.

4503 Advanced Projects in Landscape Architecture (3) Prereq.: consent of instructor. Projects for small groups of students investigating specific areas of research and practice.

4504 Advanced Elective in Landscape Architecture (3) Prereq.: permission of instructor. Research practice and application in landscape architecture; small groups will use lectures, discussions, presentations, and other formats to explore advanced topics.

4505 Special Studies in Landscape Architecture (1-2) Prereq.: consent of School director. Program of study under faculty guidance. Independent study proposals must be pre-approved by supervising faculty member and the School director.

4506 Landscape Design VII: Urban Landscape Design (6) Prereq.: LA 4002, 4201, 4301. 12 hrs. studio. Required field trip. Students are responsible for paying travel expenses associated with the course. Urban development of the city and urban landscapes and systems and design of urban landscapes and elements.

4507 Landscape Design VIII: Capstone Project (3) Prereq.: LA 5001, 5201. 12 hrs. studio. Intensive development of a comprehensive landscape design and/or independent design project.

5201 Research Seminar (3) Prereq.: LA 3201, 4201. Intensive and critical review of major landscape theories and issues; identification and preparation for a comprehensive final project.

5301 The Practice of Landscape Architecture (3) Prereq.: LA 3002, or consent of instructor. Professional practice for landscape architects including issues associated with licensure, practice types, professional services, business developments, contracts, and project management.

7001 Graduate Landscape Design I: Basic Design (6) Prereq.: consent of the school. 12 hrs. studio. Introduction to two- and three-dimensional design; spatial sequence, meaning and dynamic change; application to simple landscape designs.

7002 Graduate Landscape Design II: Site Design (6) Prereq.: LA 7001. 12 hrs. studio. Arrangement of buildings, circulation, and other landscape design elements; emphasis on earthwork and drainage.

7003 Graduate Landscape Design III: Community Design (6) Prereq.: LA 7002 and 7011 or consent of the school. Advanced design at the community and neighborhood scale; emphasis on relationships of uses, transportation infrastructure, green space, water management, roadway design and alignment.

7004 Graduate Landscape Design IV: Landscape Planning and Development (6) Prereq.: consent of the school. 12 hrs. studio. Landscape planning and design from the regional to the site development scale; emphasis on generating planning and design strategies for urbanization and development that are informed by an understanding of ecology and culture of the region and based on principles of sustainability.

7005 Graduate Landscape Design V: Urban Landscape Design (6) Prereq.: LA 7004. 12 hrs. studio. Investigation of urban structures and systems and design of urban landscapes and elements.

7006 Graduate Landscape Design VI: Final Project (6) Prereq.: LA 7005, 7201. 12 hrs. studio. Intensive development of a comprehensive landscape design and independent project design.

7101 Graduate Landscape Representation I (3) 6 hrs. studio. Freehand and mechanical representation techniques, tools, and media used in designing and illustrating landscape architectural projects; emphasis on development of a vocabulary of landscape planning and methods, and skills and theory of landscape architectural representation.

7102 Graduate Landscape Representation II (3) Prereq.: LA 1102 and 7101. Advanced representation techniques developing skills of visualization and representation using freehand, mechanical, and digital techniques.
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 resources, recreation, and landscape planning, with attention to conservational, aesthetic, and economic issues leading to sustainability of the landscape.

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

LATIN • LATN
General education courses are marked with stars (★).

1001 Elementary Latin (4) Nonlaborary 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.: LATN 1001 or equivalent. Reorganization approach to language continued in extensive passages of moderate difficulty; vocabulary building and basic Latin grammatical concepts.

2053 Intermediate Latin (3) Prereq.: LATN 2051 or equivalent. Nonlaborary comprehension approach includes material of the difficulty of 1st century Latin poetry and prose.

2065 Golden Age Narrative Poetry (3) Prereq.: LATN 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.: LATN 2053 or equivalent. Readings from Roman prose writers (excluding the historians); the major speeches, letters, and philosophical works of Cicero.

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

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

4001 Internship in 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 internship will be regarded as sufficient preparation for LATN 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 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 Rome, the historical significance.

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

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 Aemilianus 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 the humanities, and means of integrating these into the whole.

7005 Liberal Arts: Themes and Commonalities (3) Major ideas in the liberal arts course, with attention to major periods, movements, themes, or problems in Western culture.

7900 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 Research Methods and Materials (1) Fundamentals of college-level research; location, evaluation, and use of information resources; 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 course and CSC 1100, EXST 2000, and IDS 1100. Introduction to hardware, software, data structures, and databases. 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. Major 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 services.

7005 Foundations of Library and Information Science (3) Prereq.: major or permission of department. Must be taken in the first semester of residency 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. Survey of digital information, networking, and telecommunications issues relating to technologies used in libraries and information settings; experience with major information 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.

7122 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; bibliographic lists; principles, methods, issues, and trends of resource selection for user populations.

7123 Evaluation of Information Resources (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 materials, rare and out-of-print items, foreign, 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 use of media, software, and telecommunications.

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 school 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, national, and international groups 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 uses 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 in current institutional settings.

7409 Human Computer Interaction (3) Study of interactions between humans and information systems, leading to more effective system design and evaluation; human-computer interaction and user modeling; information retrieval; human-computer interaction, design and use of information systems, and software.

7410 Survey of 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 retrieval and systems.

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 public 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.

7508 Management of Knowledge-Based 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 librarians and information professionals in organizing and providing