problem in teaching health and physical education that grows out of fifth-year clinical experiences and course work.
7601 Changeable Health Behavior (3) Prereq.: Core content and determinants of health behavior; behavior change strategies designed for utilization in individual and group health education programs and innovative health education programs in schools and the community.
7620 Epidemiological Approach to Community Health (3) Prereq.: Epidemiology of infectious and noninfectious agents. Vital health statistics via the disease model and its determinants; community organization and program development related to community health education, both qualitatively and quantitatively.
7900 Introduction to Research Methods (3)
7999 Seminar in Selected Topics in Kinesthesiology (1-3) May be taken for credit. Topics vary.
8000 Thesis Research (1-12 per sem.) "S"/"U" grading.
8900 Independent Research (1-9) May be taken for credit. Topics vary.
9000 Dissertation Research (1-12 per sem.) "S"/"U" grading.

LANDSCAPE ARCHITECTURE (LA)

General education courses are marked with stars (★).

1101 Landscape Representation I (3) 6 hrs. studio. Freehand and mechanical representation and observational skills in landscape architecture; emphasis on fundamentals of the earliest development of a vocabulary, basic skills, and techniques of landscape architecture representation.
1102 Landscape Representation II (3) Prereq.: LA 1101. 6 hrs. studio. Developing skills in computer-aided visualization and illustrative documentation of landscapes; introduction to digital image processing and animation.
★ 1201 Introduction to Landscape Architecture (3) Introduction to the profession of landscape architecture for non-majors. General concerns and responsibilities; awareness of natural and planned landscapes, as well as, the importance of using land in an efficient and attractive manner.
1202 World Landscape Architecture (3) Exploration of contemporary landscape design from around the world, including landscape architecture, urban planning, and urban systems; parks and infrastructure.
★ 1203 Views of the American Landscape (3) Concepts, patterns, and themes that shape human attitudes and activities concerning the American landscape; natural systems as links between managed landscapes and built environments; environmental and conservation ethics.
1204 Cities of the World (3) Exploration of the physical, social, and environmental factors which contribute to the development of cities from historical to contemporary perspective.
1205 Landscapes for Recreation and Tourism (3) Development and use of landscapes for recreation and tourism; interaction of natural and cultural influences.
1206 Gardens of the World (3) Exploration of the physical, social and environmental factors which contribute to the development of gardens from historical to contemporary perspectives.
2001 Landscape Design I (6) Prereq.: LA 1102. Consent of school director. Introduction to two- and three-dimensional design; spatial sequence, meaning, and dynamic change; application to a simple design.
2002 Landscape Design II (6) Prereq.: LA 2001 or equivalent. 12 hrs. studio. Development of landscape design processes as applied to small-scale projects; introduction of earth structures, construction materials, and plants.
2101 Landscape Representation III (5) Prereq.: LA 1100 and 1102. 8 hrs. studio. Advanced representation techniques developing skills of visualization and representation using freehand, mechanical, and digital imaging in design projects.
2201 Landscape History I (3) Development of the landscape traditions; relationship of humans to landscape in major cultural areas of the ancient world; development of landscape architecture in Western Europe and America from the 15th to 19th centuries.
2301 Landscape Technology I: Land Design (3) Prereq.: MATH 1021 and 1022 or equivalent; and LA 1102 or equivalent; consent of instructor. 2 hrs. lecture; 2 hrs. studio. Introduction to basic surveying for landscape architects; surveying systems and legal land descriptions; topography; construction design, grading design, drainage and water management, roadway design and alignment.
2401 Landscape Ecology (3) Prereq.: GEOG 2051 and RNR 1001 or equivalent. 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 2101 and 2201 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 on earthwork and drainage.
2002 Landscape Design IV: Community Design (6) Prereq.: LA 2101 and 3001. 12 hrs. studio. Landscape design and planning for neighborhood and planned communities; emphasis on relationships of uses, transportation infrastructure, green infrastructure, public services, and a mix of housing and open space.
2301 Landscape History II (3) Prereq.: LA 2201. Major landscape movements in the 19th and 20th centuries; theory and aspects of contemporary practice of landscape architecture.
3301 Landscape Technology II: Grading, Drainage, and Roads (3) Prereq.: LA 2101 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 re
3401 Plant Materials I (3) Prereq.: LA 3401. 4 hrs. lab. Credit will not be given for both this course and LA 4002. At least 35 hours of work per week supervised by a licensed landscape architect or professional in an approved firm or agency.
4001 Advanced Design Studio I (6) Prereq.: LA 3401, 2101, or equivalent. Advanced techniques in digital representation, such as 3-D modeling, terrain modeling, animation, advanced imaging design projects.
4002 Theory and Methods of Landscape Planning (3) 2 hrs. lecture; 2 hrs. lab. Principal theoretical literature in landscape planning and design, including 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 regional landscapes and apply these findings to a project-based work.
4204 Planning Disaster Resilient Communities (3) Theory and methods of planning disaster resilient communities; emphasis on hurricane, earthquake, and other natural disasters; principles of landscape design and planning for disaster resilience.
4301 Landscape Technology IV: Specialization (3) Prereq.: LA 3802 or equivalent. 2 hrs. lecture; 2 hrs. studio. Specialty topics in landscape architecture construction and design. Credit will not be given for both this course and LA 4003. Seminar project addressing various aspects of landscape architecture.
4303 Landscape Architecture Internship (6) Prereq.: Completion of all 3000-level Landscape Architecture courses and consent of School. Pass/fail grading. Credit will not be given for both this course and LA 4002. At least 35 hours of work per week supervised by a licensed landscape architect or professional in an approved firm or agency.
4910 Advanced Design Studio II (6) Prereq.: LA 4001. 12 hrs. studio. Credit will not be given for both this course and LA 4003. Studio projects addressing various aspects of landscape architecture.
5003 Advanced Projects in Landscape Architecture (3) Prereq.: consent of instructor. Faculty directed projects for small groups of undergraduate students investigating specific areas of research and practice.
5004 Advanced Elective in Landscape Architecture (3) Prereq.: Admission of major and consent of instructor. Independent study, the student and faculty must submit a proposal for approval by the supervising faculty member. Independent study proposals must be pre-approved by supervising faculty member and valid for a semester.
5405 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 valid for a semester.
5501 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. Investigation of urban structures and systems and design of urban landscapes and elements.
5502 Landscape Design VIII: Capstone Project (6) Prereq.: LA 5501, 5201, 5120. 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 5302, or consent of instructor. Professional practice of landscape architecture: An overview of landscape architectural practice; issues associated with licensure, practice types, professional services, business developments, contracts, and project management. Prereq.: LA 4003 or equivalent.
5406 Landscape Design Development: Community 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.
5702 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 Planning and Design (6) Prereq.: LA 2002, 2101, 2201, or equivalent; consent of School. 12 hrs. studio. Required field trip. Students are responsible for paying travel expenses associated with the course. Application of ecological principles and relationships to earthwork, green infrastructure, public services, and a mix of housing and commercial types.
7004 Graduate Landscape Design IV: Landscape Planning and Development (6) Prereq.: consent of the school. 12 hrs. studio. Landscape planning and design at the community and neighborhood scale; emphasis on relationships of uses, transportation infrastructure, green infrastructure, public services, and a mix of housing and commercial types.
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/or independent design project.
7101 Graduate Landscape Representation I (3) 6 hrs. studio. Freeland and mechanical representation techniques, tools, and media used in designing and illustrating landscape architectural projects; emphasis on the development of a vocabulary, basic skills, and theory of landscape architectural representation.
7102 Graduate Landscape Representation II (3) Prereq.: LA 7001 and 7101. 6 hrs. studio. Advanced representation techniques developing skills of visualization and representation using freehand, mechanical, and digital imaging design projects.
7201 Research Methods (3) Concepts of qualitative research; skills in finding and using research material; landscape architectural research trends; evaluation of research; application of research techniques.
7401 Graduate Landscape Ecology (3) Required field trips for which a deposit is required at registration. Basic principles of ecology and environmental science; 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.