

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 used in design conceptualization; emphasis on the 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 imaging, drafting, and photo manipulation.
- ★ **1201 Introduction to Landscape Architecture (3)** Introduction to the profession of landscape architecture for non-majors; overview of professional 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 historic landscapes and gardens; urban plazas, and pedestrian areas; 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; interrelationships of cultural and natural influences.
- 2001 Landscape Design I (6)** Prereq.: LA 1102. Consent of school director. 12 hrs. studio. Introduction to two- and three-dimensional design; spatial sequence, meaning, and dynamic change; application to a simple design.
- 2002 Landscape Design II: Site Design (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 (3)** Prereq.: LA 1101 and 1102. 6 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 earliest landscape traditions; relationship of humans to landscape in major cultural areas of the ancient world; development of landscape traditions 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; introduction to landscape architectural construction systems and the relationship among landform/earth, plants, and structures, topographic mapping conventions, grading design, drainage and water management, roadway design and alignment.
- 2401 Landscape Ecology (3)** Prereq.: GEOG 2051 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 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; emphasis on earthwork and drainage.
- 3002 Landscape Design IV: Community Design (6)** Prereq.: LA 2101 and 3001. 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.
- 3201 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 2301 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.
- 3302 Landscape Technology III: Design Detailing (3)** Prereq.: LA 3301 or equivalent; consent of instructor. 2 hrs. lecture; 2 hrs. studio. Relationship between 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 enuring design intent.
- 3401 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.
- 3402 Plant Materials II (3)** Prereq.: LA 3401. 1 hr. lecture; 4 hrs. lab. Continuation of LA 3401 with the inclusion of basic principles of planting design.
- 4001 Landscape Design: Landscape Planning and Development V (6)** Prereq.: LA 3002 and 3302. 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 the 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 analysis and planning; application of 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 finding to project-based work.
- 4204 Planning Disaster Resilient Communities (3)** Theory and methods of planning disaster resilient communities considering hurricanes, earthquakes, cyclones, tsunamis, and landslides chiefly in regions located near low-lying coastal areas and countries bordering the Pacific Rim.
- 4301 Landscape Technology IV: Specialization (3)** Prereq.: LA 3302 or equivalent. 2 hrs. lecture; 2 hrs. studio. Specialty 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 U.S. and abroad.
- 4502 Independent Study in Landscape Architecture (3)** Prereq.: consent of School director. Independent study proposals must be pre-approved by the supervising faculty member. Program of individual study under faculty guidance, including auditing lectures, reading, and exercises as needed to develop skills in methods of inquiry related to the area of specialty.
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4503 Advanced Projects in Landscape Architecture (3) *Prereq.: consent of instructor.* Faculty directed 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.*

5001 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.

5002 Landscape Design VIII: Capstone Project (6) *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 3302, 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 7101 or 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.

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/or independent design project.

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 the development of a vocabulary, basic skills, and theory of landscape architectural representation.

7102 Graduate Landscape Representation II (3) *Prereq.: LA 1102 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 to landscape design.

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.
