LANDSCAPE ARCHITECTURE • LA

General education courses are marked with stars (★).

★ 1150 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.

★ 1151 Introduction to Landscape Architecture (3) Concerns and responsibilities of landscape architects; overview of the profession; elements and processes of design, and examples of public and private design work.

1153 Basic Design for Landscape Architecture (3) Prereq.: majors only or consent of instructor. 1 hr. lecture; 4 hrs. studio. Two- and three-dimensional design; two-dimensional surfaces and three-dimensional spaces; materials, time, and meaning in design.

1181 Landscape Architectural Graphics (Freehand) (3) Prereq.: majors only or consent of instructor. 1 hr. lecture; 4 hrs. studio. Freehand drawing skills and techniques used in illustrating components of the landscape; landscape elements as separate objects; composition and rendering of elements in combination.

1182 Landscape Architectural Graphics (Mechanical) (3) Prereq.: majors only or consent of instructor. 1 hr. lecture; 4 hrs. studio. Technical drawing for the landscape architect; measured, scaled, and dimensioned drawings to illustrate components of the landscape and landscape materials; use of plans, sections, elevations, isometrics, and orthographic projections.

2000 Computer Basics for Designers (3) 2 hrs. lecture; 2 hrs. lab. Introduction to microcomputer systems; emphasis on design application.

2111 Survey of Landscape Architecture (3) Primarily for nonlandscape architecture majors. Awareness and appreciation of home and community problems that can be resolved by landscape architects.

2112 Ecology in Landscape Architecture (3) Ecological principles and relationships as basis for resource, recreation, and landscape planning; natural systems and the interaction between natural and man-made elements of the environment; environmental and conservation ethics.

2121 Plant Materials (3) 1 hr. lecture; 4 hrs. studio. Identification and study of plant materials; ecological and visual characteristics of plants used in landscape design.

★ 2141 Landscape of the Ancient World (3) Development of the earliest landscape traditions; relationship of man to the landscape in the major culture areas of the ancient world.

★ 2142 The Landscape of Western Civilization (3) LA 2141 recommended. Development of landscape traditions in western Europe and America from the 15th to the 20th centuries.

★ 2143 The Contemporary Landscape (3) LA 2141 and 2142 recommended. Major landscape movements of the 20th century; various aspects of the contemporary practice of landscape architecture.

2145 Historic Preservation for the Landscape Architect (3) Theory and practice of historic preservation as a component of the landscape architect's responsibility for resource management; analysis, management, and design methodology for cultural resources.

2152 Landscape Design Theory (4) Prereq.: LA 1153 or equivalent. 3 hrs. lecture; 2 hrs. studio. Application of basic design concepts to landscape design; site information and its relation to client use and needs; the design process as a technique in the integration of site, client, and materials.

2171 Landscape Architectural Implementation: Materials (4) Prereq.: LA 1102 or equivalent. 2 hrs. lecture; 4 hrs. studio. Technical concepts, materials, and products used in landscape architecture; properties of materials and methods of construction.

2183 Landscape Architectural Design Graphics (3) Prereq.: LA 1181 and 1182; or equivalent. 6 hrs. studio. Graphic techniques, tools, and methods used in landscape architectural analysis and design; communication of design ideas.

2185 Automated Graphics for Designers (3) Use of automated graphical techniques in design and design communications.

2652 Evolution of Park and Recreation Planning (3) History of parks in the U.S. from earliest developments to the present; interrelationships of cultural influences.

3000 Landscape Architecture Computer Applications (3) Prereq.: majors only or consent of instructor. 1 hr. lecture; 4 hrs. studio. Microcomputers in the landscape architect's office; use of small systems and common software.

3122 Plant Materials in Design (3) Prereq.: LA 2121 or equivalent. 1 hr. lecture; 4 hrs. studio. Identification and study of plant materials as landscape design elements integrated with and related to theoretical aspects of planting design.

3153 Detail Design (4) Prereq.: LA 2121 and 2152; or equivalent. 8 hrs. studio. Comprehensive landscape architectural design; use of earth, structural materials, plants, and other elements.

3154 Site Design (4) Prereq.: LA 3153 or equivalent. 8 hrs. studio. Arrangement of buildings, circulation, and other landscape design elements; design processes and conceptualization.

3173 Landscape Architectural Implementation: Grading (4) Prereq.: LA 2171, MATH 1021 and 1022, and either BE 2307 or CE 2500 and 2510; or equivalent. 2 hrs. lecture; 4 hrs. studio. Topographic grading, earth volume estimation, and horizontal and vertical roadway alignment.

3183 Applied Landscape Architectural Graphics (2) Prereq.: LA 2183 or equivalent. 4 hrs. studio. Design and presentation graphics applied to landscape architectural design projects.

4000 Integrated Studio (4) Prereq.: consent of instructor. 8 hrs. studio. Project-oriented design studio for landscape architects, architects, and other design majors. Integration of various design professions and student levels on a comprehensive design project.

4112 Environmental Issues in Design (3) Institutional factors and relationships as they affect resource, recreation, and landscape planning and design; assessment and mitigation of the environmental impact of design activities.

4156 Planting Design (4) Prereq.: LA 3122 and 3154 or equivalent. 1 hr. lecture; 6 hrs. studio. Plant selection and arrangement for a series of landscape design projects from detailed to large scale.

4157 Site Master Planning (4) Prereq.: LA 3154 and 3173; or equivalent. 8 hrs. studio. Arrangement of complex multiple land uses, buildings, circulation, and other landscape design elements; design processes and conceptualization.

4158 Landscape Architectural Design (4) Prereq.: LA 4157 and 4175 or equivalent. 8 hrs. studio. Scope of landscape architecture presented through a variety of large scale projects including multiple land uses; buildings, circulation, and other design elements.

4174 Landscape Architectural Implementation: Structures (4) Prereq.: LA 3173 or equivalent. 2 hrs. lecture; 4 hrs. studio. Design, technical layout, and construction of site structures; specialized aspects such as structural mechanics, wood construction, and retaining walls.

4175 Landscape Architectural Implementation: Systems (4) Prereq.: LA 3183 or equivalent. 2 hrs. lecture; 4 hrs. studio. Design, technical layout, and construction of site systems; drainage, irrigation, and utilities.

4183 Advanced Landscape Architectural Graphics (4) Prereq.: LA 3183 or equivalent. 8 hrs. studio. Professional quality presentation techniques; model building, computer graphics, video, graphic media.

4191 Independent Studies in Landscape Architecture (1-6) May be taken for a max. of 6 sem. hrs. credit. Problems in landscape architecture adapted to specific needs of students.

4195 Field Studies in Landscape Architecture (1-3) May be taken for a max. of 9 sem. hrs. credit. Nonrefundable deposit of $100 required at registration. Additional amount required for transportation may be nonrefundable. Balance due no later than one month prior to departure. Field trips to landscape architectural offices, projects, and schools throughout the U.S. and abroad; discussions with professional landscape architects and with students and faculty of other universities to promote exchange of ideas and to observe professional practice.

4250 Comprehensive Design (6) Prereq.: LA 4158 or equivalent. 12 hrs. studio. Comprehensive design package relating site planting and detail design with implementation documents.

4251 Design Specialization (4) Prereq.: LA 4158. 8 hrs. studio. Approaches to specialized design projects developed around faculty expertise and/or emerging design
opportunities.

4252 Independent Study Project (4) Prereq.: LA 4158 and 4251. 8 hrs. studio. Execution of a project selected by the advanced student with guidance of an advisory committee; credit for work in the academic setting or for structured study away from campus.

4253 Independent Study Abroad (6) Prereq.: LA 4158. 12 hrs. studio. Structured study away from campus; work in an academic setting other than LSU.

4276 Landscape Architectural Professional Practice (3) Legal, business, and professional aspects of landscape architectural practice; significance of orderly, ethical procedures in the relationship of landscape architect to clients, contractors, and other consultants.

4277 Planning Disaster Resilient Communities (3) Theory and methods of building disaster resilient communities including analyzing actual community vulnerability to natural and man-made hazards and planning strategies for lessening risk.

4291, 4292 Specialized Aspects of Landscape Architecture (2,2) Prereq.: consent of instructor. Advanced research, design, and discussion.

4654 Areas and Facilities for Recreation (3) 1 hr. lecture; 6 hrs. studio. Design and management of recreation areas.

5101 Landscape Graphics (2) 4 hrs. studio. Freehand and mechanical graphic techniques, tools, and methods used in illustrating landscape design projects; quick perspective sketching and drafting techniques; application of orthographic projections and the development of a visual vocabulary.

5102 Presentation Graphics (1) 2 hrs. studio. Application of design and presentation graphics to landscape architectural design problems; paired with design studio; emphasis on visual communication of design ideas through the use of various media.

5123 Landscape Plant Materials (3) 1 hr. lecture; 4 hrs. studio. Identification and study of ornamental plants with special emphasis on their visual characteristics.

5124 Planting Design (3) 1 hr. lecture; 4 hrs. studio. Development of skills in planting design using a series of projects at various scales and levels of detail; visual characteristics and ecological value of plants and conceptual attitudes behind their use.

5151 Landscape Design I (4) 8 hrs. studio. Basic two- and three-dimensional design concepts; art elements and principles applied to landscape design; landscape design materials and processes.

5152 Landscape Design II (4) 8 hrs. studio. Approaches and techniques of site design problems; use of site analysis techniques and land use program information; refinement of plan resolution and detail design elements.

5171 Landscape Construction I (3) 2 hrs. lecture; 2 hrs. studio. Materials and methods of landscape construction; investigation of materials, structural systems, and construction practices in current use.

5172 Landscape Construction II (4) 2 hrs. lecture; 4 hrs. studio. Development and refinement of knowledge and skill of topographic grading, drainage, earth volume estimation, and roadway alignment.

5173 Landscape Architecture Construction III (4) Prereq.: LA 5172 or equivalent. 2 hrs. lecture; 4 hrs. studio. Comprehensive site engineering problems; synthesis and utilization of previous design and engineering courses; enhancement of skills in design, technical layout, and construction of site structures and systems.

5190 Qualitative Research Methods (3) 2 hrs. lecture; 2 hrs. lab. Concepts of qualitative research; skills in finding and using research material; landscape architectural research trends; evaluation of research; application of research to landscape design.

5191 Quantitative Research Methods (3) 2 hrs. lecture; 2 hrs. studio. Research overview and processes related to needs of landscape architects; approaches to research problems; skills needed to conduct research; selection and use of data sources; review of landscape architecture research; application of research to landscape design.

7000 Reading the Landscape (3) 1 hr. lecture; 4 hrs. lab. Role of natural and cultural processes in shaping the landscape; approaches to landscape analysis; interpretation of landscape settings for design decision making.

7141 Shapers of the Landscape I (2) History of the built landscape from prehistory to mid-nineteenth century.

7142 Shapers of the Landscape II (2) History of the built landscape from mid-nineteenth century to the present.

7174 Landscape Architectural Professional Practice (3) 2 hrs. lecture; 1 hr. recitation. General, legal, business, and professional aspects of landscape architectural practice; significance of orderly, ethical procedures in relationships of landscape architect, client, and contractor; the landscape architect's responsibility to the public.

7352 Advanced Design Studio (4) 8 hrs. studio. May be taken for a max. of 12 sem. hrs. Comprehensive design projects emphasizing the study of complex problems at one or more of the following scales: personal, neighborhood, community, metropolitan, or regional; multidisciplinary considerations and integration of research and design.

7354 Independent Study in Landscape Architecture (1-6) Enrollment based on faculty acceptance of student's proposal prior to registration; for the superior and advanced student. Supervision by graduate faculty member in case-study situations; faculty evaluations based on periodic reviews, written report, and verbal presentation. Student may work under faculty member with special expertise but who is not teaching a course on the topic; or work with a professional in the community or with a government agency on projects of meaningful academic experience; or engage in individual study away from campus.

7393 Document Survey in Landscape Architecture (1-6) Prereq.: LA 5191 or equivalent. Information resource availability and use; literature of landscape architecure; literature and document review of specific problems; individual guidance and group discussion of analysis and reporting techniques and relationship of research to landscape design.

7394 Research in Landscape Architecture (1-6) Prereq.: LA 5191. Examination of design determinants or specific landscape architectural problems through selected term research projects; individual and group discussion of research objectives and field methods; application of research to design.

7395 Special Topics in Landscape Architecture (3) Prereq.: consent of instructor. 1 hr. lecture; 4 hrs. studio. May be taken for a max. of 6 sem. hrs. credit. Development of concepts, skills, and techniques related to use of computer, video, and other advanced technologies in landscape architecture research, design, planning, and management.

7396, 7398 Seminar in Landscape Architecture (2,2) Seminars related to issues and problems in landscape architecture; student presentations and use of informed guests from the university and community.

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