

# LANDSCAPE ARCHITECTURE- LAND (LAND)

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## Courses

### LAND 110 Introduction to Landscape Architecture Credits: 3 (1-2-1)

**Course Description:** Introductory theories, methods, and applications of landscape studies.

**Prerequisite:** None.

**Registration Information:** Must register for lecture, laboratory, and recitation.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**Additional Information:** Arts & Humanities 3B.

### LAND 120 History of the Designed Landscape Credits: 3 (3-0-0)

**Course Description:** Major monuments and spaces from ancient Middle East through classical antiquity, the Renaissance, and Western tradition.

**Prerequisite:** None.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### LAND 192 Orientation to Horticulture/Landscape Arch Credit: 1 (0-0-1)

**Also Offered As:** HORT 192.

**Course Description:** First year course in horticulture and landscape architecture. Information and skills necessary to succeed in majors in the Department of Horticulture and Landscape Architecture.

**Prerequisite:** None.

**Restriction:** Must be a: Undergraduate.

**Registration Information:** This is a partial semester course. Credit not allowed for both HORT 192 and LAND 192.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### LAND 200 Topics in Landscape Theory and Garden Design Credits: 3 (3-0-0)

**Course Description:** Landscape theory and design principles in garden design. Students will be engaged through online discussions and will record weekly exercises and course material with the development of a sketchbook and blog/website postings.

**Prerequisite:** None.

**Registration Information:** This is a partial semester course. Offered as an online course only.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### LAND 220 Fundamentals of Ecology (GT-SC2) Credits: 3 (3-0-0)

**Also Offered As:** LIFE 220.

**Course Description:** Interrelationships among organisms and their environments.

**Prerequisite:** (BIO 100 to 199 - at least 3 credits or BZ 100 to 199 - at least 3 credits or LIFE 100 to 199 - at least 3 credits or HORT 100) and (MATH 100 to 199 - at least 3 credits).

**Registration Information:** Sections may be offered: Online. Credit allowed for only one of the following: F 209, LAND 220, LIFE 220 or LIFE 320.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**Additional Information:** Biological & Physical Sciences 3A, Natural & Physical Sciences w/o lab (GT-SC2).

### LAND 230 Drawing the Landscape Credits: 4 (2-4-0)

**Course Description:** Visual communication techniques; exploration of symbology, model building, design development drawing, and construction documentation draughting.

**Prerequisite:** None.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### LAND 240 Fundamentals of Landscape Design Process Credits: 4 (1-4-1)

**Course Description:** Initiation of formal exploration of design elements, materials, and principles, and introduction of design process as a defensible methodology.

**Prerequisite:** LAND 230.

**Registration Information:** Must register for lecture, laboratory and recitation.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** Yes.

### LAND 241 Environmental Analysis Credits: 3 (1-4-0)

**Course Description:** Exploration and understanding of natural and cultural landscapes through analytical simulation techniques.

**Prerequisite:** LAND 230.

**Registration Information:** Must have concurrent registration in LAND 240. Must register for lecture and laboratory.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### LAND 250 Geospatial Methods for Landscape Architecture Credits: 3 (2-2-0)

**Course Description:** Concepts and techniques used in geographic information systems (GIS) in the practice of landscape architecture and urban design, with an emphasis on professional applications and geospatial design assessment and decision-making (a.k.a. geodesign).

**Prerequisite:** LAND 110.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 357 Omnibus Field Studies Credits: 4 (0-8-0)**

**Course Description:** Theories and methods for the analysis, design, and planning of garden and landscape scale environments.

**Prerequisite:** None.

**Registration Information:** 3 credits in landscape drawing and analysis.

**Term Offered:** Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** Yes.

**LAND 360 Basic Landscape Design and Construction Credits: 3 (0-6-0)**

**Course Description:** Site programming analysis, design, and construction, including skill development in specifying earthwork, drainage, and vegetative composition.

**Prerequisite:** LAND 240.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** Yes.

**LAND 361 Digital Methods Credits: 3 (2-2-0)**

**Course Description:** Landscape research, analysis, and design with ARCVIEW, AutoCAD, Microstation, and Photoshop.

**Prerequisite:** LAND 360, may be taken concurrently.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 362 Form and Expression in Garden Design Credits: 3 (0-6-0)**

**Course Description:** Formal decision making for site scale environments, including creative processes for form-giving, and generation of experimental solutions.

**Prerequisite:** LAND 361.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 363 Advanced Landscape Site Engineering Credits: 4 (2-4-0)**

**Course Description:** Understanding and documenting the built environment with emphasis on construction and surveying as integral parts of design process.

**Prerequisite:** LAND 360.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** Yes.

**LAND 364 Design and Nature Credits: 4 (1-6-0)**

**Course Description:** Computer-aided processes for siting, organizing, and evaluating cultural activities within ecologically fragile, landscape-scale environments.

**Prerequisite:** LAND 361.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 365 Landscape Contract Drawing and Specifications Credits: 3 (2-2-0)**

**Course Description:** Construction details, design development, and construction documentation emphasizing implementation of design projects.

**Prerequisite:** LAND 363.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 366 Landscape Design Expression Credits: 4 (0-8-0)**

**Course Description:** Idea, values, and process landscape form applied to interactions of natural, cultural systems at the site and community scale; design competitions.

**Prerequisite:** LAND 365.

**Registration Information:** Credit not allowed for both LAND 366 and LAND 376.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 368 Landscape Irrigation and Water Conservation Credits: 3 (2-2-0)**

**Also Offered As:** HORT 368.

**Course Description:** Practical approaches and methods of irrigation, water conservation, and water management in the designed landscape.

**Prerequisite:** LAND 110 or HORT 100.

**Registration Information:** Credit not allowed for both LAND 368 and HORT 367 or HORT 368. Must register for lecture and laboratory.

**Terms Offered:** Fall, Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 376 Landscape Design and Visualization Credits: 4 (0-8-0)**

**Course Description:** Precedents, ideas, values and processes of landscape form applied to landscape systems at the site and community scale; design competitions.

**Prerequisite:** LAND 362.

**Registration Information:** Credit not allowed for both LAND 376 and LAND 366. Required field trips.

**Term Offered:** Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** Yes.

**LAND 384 Supervised College Teaching Credits: Var[1-5] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Registration Information:** A maximum of 10 combined credits for all 384 and 484 courses are counted towards graduation requirements.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**LAND 392 Seminar-Designed Landscapes-Theory and Criticism Credits: 2 (0-0-2)**

**Course Description:** Readings, discussions, and writing in landscape architectural design theory; critical analysis of the designed and constructed landscape.

**Prerequisite:** LAND 365.

**Term Offered:** Fall.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**LAND 444 Landscape Ecology Credits: 3 (3-0-0)**

**Course Description:** Exploration of the spatial patterns and processes of large-scale and regional landscapes, interactions between natural and human-modified landscapes, and the impacts of various development patterns on the well-being of ecosystems, wildlife populations, and human communities.

**Prerequisite:** LAND 220 or LIFE 220 or LIFE 320.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 446 Urban Design Credits: 4 (0-8-0)**

**Course Description:** Designing the urban landscape, including precedent exploration about overall image, materials, and structure of the city and its components.

**Prerequisite:** LAND 366.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** Yes.

**LAND 447 Comprehensive Landscape Design Credits: 4 (0-8-0)**

**Course Description:** Terminal studio; research, analysis, and synthesis for comprehensive project identified by student and approved in advance by faculty committee.

**Prerequisite:** LAND 446.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** Yes.

**LAND 449 Professional Practice Credit: 1 (1-0-0)**

**Course Description:** Theory and skills of landscape architectural professional practice including functional, human, business, legal, and political aspects.

**Prerequisite:** LAND 447, may be taken concurrently.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 454 Landscape Field Studies Credits: 5 (1-6-1)**

**Course Description:** Field observation of spatial and temporal landscape patterns resulting from natural and cultural processes and interactions.

**Prerequisite:** LAND 366.

**Term Offered:** Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** Yes.

**LAND 455 Travel Abroad-European Landscape Architecture Credits: 5 (1-6-1)**

**Course Description:** Exploration of major theoretical platforms in design through drawing, photographing, and measuring landscape architecture precedents in Europe.

**Prerequisite:** LAND 362.

**Term Offered:** Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 495A Independent Study: Design Projects Credits: Var[1-4] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**LAND 495B Independent Study: Field Service Credits: Var[1-4] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Instructor Option.

**Special Course Fee:** No.

**LAND 496 Group Study Credits: Var[1-8] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Registration Information:** Maximum of 8 credits allowed in course.

**Terms Offered:** Fall, Spring, Summer.

**Grade Modes:** S/U within Student Option, Trad within Student Option.

**Special Course Fee:** No.

**LAND 510 Virtual Design Methods Credits: 3 (2-2-0)**

**Course Description:** Exploration and application of advanced computing technology and methods for analyzing and organizing natural and cultural landscapes.

**Prerequisite:** None.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 520 Geographic Information Systems Credits: 3 (1-4-0)**

**Course Description:** Theories and applications of geographic information systems in spatial analysis and land planning.

**Prerequisite:** LAND 241.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 560 Structure of Landscape Patterns Credits: 3 (2-2-0)**

**Course Description:** Mechanisms and concepts in landscape structure for planning, design, and environmental management.

**Prerequisite:** LIFE 320.

**Registration Information:** Must register for lecture and laboratory.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 695A Landscape Architectural Independent Study: Design Projects Credits: Var[1-4] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Graduate standing.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 695B Landscape Architectural Independent Study: Field Service Credits: Var[1-4] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Graduate standing.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**LAND 698 Research Credits: Var[1-5] (0-0-0)**

**Course Description:** Guided research experience in landscape architecture.

**Prerequisite:** None.

**Restriction:** Must be a: Graduate, Professional.

**Registration Information:** Graduate standing.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** S/U Sat/Unsat Only.

**Special Course Fee:** No.