LANDSCAPE ARCHITECTURE-LAND (LAND)

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 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.
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: Credit allowed for only one of the following: LAND 220/LIFE 220, or LIFE 320. Sections may be offered: Online.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

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 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: Yes.

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: Spring.
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 367 Landscape Irrigation and Water Conservation Credits: 3 (2-2-0)
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.
Term Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

LAND 368 Landscape Irrigation and Water Conservation Credits: 4 (0-8-0)
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.
Term 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 377 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.
Term Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

LAND 444 Ecology of Landscapes Credits: 3 (3-0-0)
Course Description: Theories, methods, and practices for representing and understanding landscapes, including energy flows, nutrient cycles, and historical development.
Prerequisite: LAND 220 or LIFE 220 or LIFE 320.
Registration Information: Required field trips.
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: No.

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 610  Topics in Garden Design  Credits: 4 (2-6-0)
Course Description: Garden design theories, methods, and operations.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Must register for lecture and laboratory.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.
LAND 620  Topics in Park Design  Credits: 4 (2-6-0)
Course Description: Ideas, values, and processes of landscape form applied to interactions of natural and cultural systems for park and recreation applications.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.
LAND 630  Topics in Urban Design  Credits: 4 (2-6-0)
Course Description: History and application of urban design principles, practices, and policies.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Must register for lecture and laboratory.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.
LAND 640  Major Landscape Change  Credits: 4 (2-6-0)
Course Description: Addresses social and ecological resilience of large-scale landscapes through theory and application.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.
LAND 650  Topics in Park Design  Credits: 4 (2-6-0)
Course Description: History and application of urban design principles, practices, and policies.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.
LAND 660  Topics in Urban Design  Credits: 4 (2-6-0)
Course Description: History and application of urban design principles, practices, and policies.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.
LAND 670  Landscape Architecture Studio Option  Credits: 4 (1-6-1)
Course Description: Ideas, values, and processes of landscape architectural studio practice.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Course may be taken up to 5 times for credit. Must register for lecture, laboratory, and recitation.
Terms Offered: Fall, 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.