

LANDSCAPE ARCHITECTURE (LARC)

LARC 200 Landscape and Environmental Appreciation

Crosslisted with: GEOG 200, PLAS 200

Description: Values and processes in human landscapes and natural environments. Concepts and tools to understand the context of local and global environments and significant historical landscapes. Landscape as an indicator of aesthetic quality, design principles and processes as integrators of humans and nature, and the garden as a model for creating sustainable landscapes.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

ACE: ACE 7 Arts ACE 9 Global/Diversity

LARC 201 Dendrology: Study and Identification of Trees and Shrubs

Crosslisted with: NRES 201, PLAS 201

Description: An introduction to the naming, identification, and natural history of woody trees and shrubs in North American with emphasis on trees common to Nebraska. Covers morphology, natural site conditions, wildlife and human uses of woody trees and shrubs.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Offered: FALL

Course and Laboratory Fee: \$10

LARC 210 Studio I: Landscape Architecture Design Foundations

Prerequisites: Admission into the Professional Program

Description: Introductory design studio exploring design principles central to landscape architecture. Three interrelated aspects of design are pursued: 1) the elements of composition and their formal and spatial manipulation, 2) meanings conveyed by formal choices and transformations and 3) response to cultural and environmental forces in the landscape.

Credit Hours: 5

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded

Offered: FALL

LARC 211 Studio II: Landscape Architecture Site Design

Prerequisites: LARC 210

Description: Design studio that applies theoretical, analytical, conceptual, design, and communication skills in landscape architecture. Applied problem types at various scales, emphasize procedures and skills needed for the translation of research, site analysis, programming and conceptual ideas, from two dimensional media to physical design of three-dimensional form. Emphasis is on the development of critical thinking, spatial literacy, and design process skills.

Credit Hours: 5

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded

Offered: SPRING

LARC 212 Woody Plants for Landscapes: Identification, Management, and Use

Crosslisted with: PLAS 212, NRES 212

Description: Identification, basic management and design uses of trees and shrubs for sustainable landscapes, with an emphasis on native plants and plants adapted to the Plains states. Emphasis is on live specimens in outdoor environments, supported by online resources.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Offered: FALL

LARC 213 Cultivars and Varieties of Woody Plants for Landscapes

Crosslisted with: PLAS 213, NRES 213

Description: Characteristics of commercially available trees and shrubs used in urban landscapes. Compares differences among cultivars, design uses, and management issues using a combination of live specimens in outdoor environments and online resources.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Offered: SPRING

LARC 230 Site Systems I: Materiality in Landscape Architecture

Prerequisites: Admission to the College of Architecture

Description: Relationship between design and implementation through construction processes, detailing as an extension of design, landscape architectural materials, basic structural theory, detailing and structures, and technical specifications as a means of ensuring design intent.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Prerequisite for: LARC 231

LARC 231 Site Systems II: Site Engineering

Prerequisites: LARC 230

Notes: Letter Grade Only

Description: Investigation and application of landscape architectural design analysis, process and technology to aesthetic/functional landform manipulation, earthwork estimation, and stormwater management.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Prerequisite for: LARC 330

LARC 241 History of Landscape Architecture

Prerequisites: Sophomore standing and permission.

Description: Survey of the development of landscape design from pre-history to the present day.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ACE: ACE 5 Humanities

LARC 310 Studio III: Landscape Architecture Advanced Site Design

Prerequisites: LARC 211

Description: Intermediate studio focused on the integrated relationship between landscape architecture and architecture. Projects focus on development of the land, integrating ecological and social systems at various scales.

Credit Hours: 5

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded

Prerequisite for: LARC 311

LARC 311 Design Studio IV: Ecological and Cultural Landscape Systems

Prerequisites: LARC 310

Description: Intermediate design studio. Landscape architecture design projects positioned in relation to ecological and cultural landscape systems. Design projects emerge from both research and critical speculation at both the site and regional scale.

Credit Hours: 5

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded

Offered: SPRING

Prerequisite for: DSGN 410; LARC 411

LARC 330 Site Systems III: Landscape Architecture Implementation

Prerequisites: LARC 231

Description: Investigation and application of landscape architectural design analysis, process and technology to landscape utility/circulation systems, structures, site layout, construction observation and implementation.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

LARC 380 Internship Preparation

Prerequisites: Permission

Description: To provide students with information about career choices in landscape architecture and an appropriate knowledge base and support in the development of materials with which to secure an internship position.

Credit Hours: 1

Max credits per semester: 1

Max credits per degree: 1

Grading Option: Graded

LARC 392 Selected Topics in Landscape Architecture

Crosslisted with: LARC 492, LARC 592

Prerequisites: Permission.

Description: Group investigation of a topic in landscape architecture.

Credit Hours: 1-6

Min credits per semester: 1

Max credits per semester: 6

Max credits per degree: 12

Grading Option: Graded

LARC 411 Design Studio VI: Advanced Design in Landscape Architecture

Prerequisites: LARC 311

Notes: Letter Grade Only

Description: Critical issues in landscape architecture involving human settlement and the natural environment. Community development or redevelopment projects are used to expand traditional and contemporary theory and practice.

Credit Hours: 5

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded

Offered: SPRING

ACE: ACE 10 Integrated Product

LARC 413 Capstone Studio

Prerequisites: Permission

Description: As the culmination of studying Landscape Architecture, students conduct a semester-long design project, initiated by the student and under the supervision and guidance of a faculty mentor.

Credit Hours: 5

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded

LARC 417 Product Design

Crosslisted with: ARCH 417, ARCH 617, ARCH 817, IDES 417, IDES 817

Prerequisites: IDES 201, IDES 301 (or DSGN 421, 422 & 423), IDES 416

Description: Generate a design from conception to a finished product that emphasizes the awareness of the human and the environment in the creation of product design solutions.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Offered: SPRING

Course and Laboratory Fee: \$100

LARC 453 Urban Soil Properties and Management

Crosslisted with: PLAS 453, SOIL 453

Prerequisites: PLAS/SOIL 153

Description: Characteristics of soils in urban settings. Evaluation of soils intended for intensive human uses and strategies for their use. Identification of specific issues related to urban soils. Manipulation or remediation of soils subject to construction and other stresses.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Offered: SPRING

LARC 461 Urbanism

Crosslisted with: ARCH 461, ARCH 561, ARCH 861

Prerequisites: LARC/NRES 487; parallel DSGN 410

Notes: Letter grade only.

Description: Issues of contemporary urbanism and the processes of urban design. Experiential nature of cities, role of public policy, ideology, genesis and development of urban form and space.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Prerequisite for: ARCH 562, LARC 462

LARC 462 Urbanism and the Catalysts of Change

Crosslisted with: ARCH 562

Prerequisites: Admission into the graduate portion of the professional program in Architecture or for undergraduate Landscape Architecture students; LARC 461

Description: Exploration into the relationship between the evolution of urbanism and the cultural, economic and scientific advances made by civilization.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Offered: FALL/SPR

LARC 467 Planting Design

Crosslisted with: ARCH 467, ARCH 567, ARCH 867, PLAS 467

Description: Processes, principles, and elements using plant materials as a key component of landscapes designed for human intent. Focus is on a systems approach, combining environmental attributes with functional needs to create aesthetic, functional, and sustainable landscapes for parks, commercial property, and residences using a combination of site visits and online resources.

Credit Hours: 4

Max credits per semester: 4

Max credits per degree: 4

Grading Option: Graded with Option

Offered: FALL

Course and Laboratory Fee: \$25

LARC 470 International Service-Learning Experience

Prerequisites: Permission by instructor

Description: This course is an international service-learning experience. Students study cultural implications of working within communities, and extensive project planning, management, and evaluation. Working with an international partner, teams of students working with faculty plan, design, conduct, and evaluate short- and long-term community projects.

Credit Hours: 1-6

Min credits per semester: 1

Max credits per semester: 6

Max credits per degree: 6

Grading Option: Graded

LARC 480 Professional Practice

Prerequisites: Admission to the Landscape Architecture Program

Description: Orientation to professional practice through a study of the architects' and the contractors' relationships to society, specific clients, their professions, and other collaborators in the environmental design and construction fields. Ethics; professional communication and responsibility; professional organizations; office management; construction management; legal and contractual relationships; professional registration; and owner-architect-contractor relationships.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Offered: FALL

LARC 487 Introduction to Landscape Ecology

Crosslisted with: NRES 487

Prerequisites: PLAS/SOIL 153 and NRES 220.

Notes: PLAS/LARC/GEOG 200, CIVE 353/853/NRES 853, and CRPL 470 recommended.

Description: The history, principles, and concepts of landscape ecology. Use and application of landscape structure, function in the planning, the design, and management of human and natural landscapes.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

LARC 489 Design Research

Crosslisted with: ARCH 489, ARCH 589, ARCH 889, IDES 489, IDES 889

Prerequisites: Admission to a professional program in the College of Architecture.

Description: Comprehensive overview of the complementary and contributory relationship between research and design, with a particular emphasis on design research as a projective activity.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Offered: FALL

LARC 492 Selected Topics in Landscape Architecture

Crosslisted with: LARC 392, LARC 592

Prerequisites: Permission.

Description: Group investigation of a topic in landscape architecture.

Credit Hours: 1-6

Min credits per semester: 1

Max credits per semester: 6

Max credits per degree: 12

Grading Option: Graded

LARC 495 Internship

Description: Exposure to the landscape architectural profession through professional office experience or project work that polishes old skills and generates new competencies that cannot be duplicated in a traditional university setting.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded