LANDSCAPE ARCHITECTURE (LARC)

LARC 200 Landscape and Environmental Appreciation
Crosslisted with: GEOG 200, HORT 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
Prerequisite for: Admission into the Professional Program

LARC 201 Dendrology: Study and Identification of Trees and Shrubs
Crosslisted with: NRES 201, HORT 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

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 Landscape Plants I
Crosslisted with: HORT 212, NRES 212

Prerequisites: HORT 131

Notes: Requires Saturday off-campus field trips.

Description: Identification using botanical and common names for herbaceous annuals, perennials, grasses, ground covers, vines, trees, and shrubs commonly found in Great Plains gardens, parks, and landscapes. Emphasis is stressed through field visits.

Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
Prerequisite for: ARCH 467, ARCH 567, ARCH 667, LARC 467, HORT 467, HORT 213, NRES 213, LARC 213

LARC 213 Landscape Plants II
Crosslisted with: HORT 213, NRES 213

Prerequisites: HORT/LARC/NRES 212.

Notes: Continuation of HORT/LARC/NRES 212.

Description: Site requirements, landscape use, natural history, and specific needs of herbaceous ornamentals, grasses, ground covers, vines, trees, and shrubs commonly found in Great Plains gardens, parks, and landscapes. Common cultivars and additional species not covered in HORT/LARC/NRES 212.

Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option

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 397 Selected Topics in Landscape Architecture  
Crosslisted with: LARC 497, LARC 597  
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: 24  
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 453 Urban Soil Properties and Management  
Crosslisted with: AGRO 453, HORT 453, SOIL 453  
Prerequisites: AGRO/HORT/SOIL 153.  
Description: Characteristics of soils in urban settings. Evaluation of soils intended for intensive human uses. Manipulation and 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

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

LARC 467 Planting Design  
Crosslisted with: ARCH 467, ARCH 567, ARCH 867, HORT 467  
Prerequisites: HORT/LARC/NRES 212; ARCH 210 or HORT/LARC 266.  
Description: Design processes, principles, and elements as applied to the use of native and ornamental plant materials. Aesthetic, functional, and micro-climatic arrangements of plant material in parks, on commercial property, on home grounds, along roadways, and in urban open spaces. Develop a palette of plants and graphics for designs.  
Credit Hours: 4  
Max credits per semester: 4  
Max credits per degree: 4  
Grading Option: Graded
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:** AGRO/HORT/SOIL 153 and BIOS/NRES 220.  
**Notes:** HORT/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 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

LARC 497 Selected Topics in Landscape Architecture  
**Crosslisted with:** LARC 397, LARC 597  
**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:** 24  
**Grading Option:** Graded