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
Format: LEC
Prerequisite for: HORT 267
ACE: ACE 9 Global/Diversity ACE 7 Arts
Groups: Human-Economic Geography

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: 4
Max credits per semester: 4
Max credits per degree: 4
Format: SDO

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: 4
Max credits per semester: 4
Max credits per degree: 4
Format: SDO

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 is stressed through field visits.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Crosslisted with: HORT 213, NRES 213
Prerequisites: 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
Format: LEC

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
Format: LEC

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
Format: LEC
Prerequisite for: LARC 330; LARC 331

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
Format: LEC
ACE: ACE 7 Arts 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
Format: SDO
Prerequisite for: LARC 311
LARC 311 Design Studio IV: Contemporary Landscape Architecture
Design Problems
Prerequisites: LARC 310
Description: Advanced design studio. Landscape architectural design in relation to ecological and cultural landscape systems. Design projects that emerge from research exploring ecological design and the design and management of landscape and cultural systems at both the site and regional scales.
Credit Hours: 5
Max credits per semester: 5
Max credits per degree: 5
Format: SDO
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
Format: LEC

LARC 331 Site Systems III: Layout, Utilities and Construction Documentation
Prerequisites: LARC 231
Notes: Letter Grade Only.
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
Format: LEC

LARC 340 History and Theory in Contemporary Landscape Architecture
Prerequisites: LARC 240.
Description: Examines significant techniques and strategies of landscape design that have prevailed over the past century through an inquiry of exemplary landscape, architecture and urban propositions. Investigation of key theoretical, historical, and ideological underpinnings of movements in western landscape architecture thought that took place during the twentieth century and their repercussions for contemporary landscape architecture practice.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 5 Humanities ACE 7 Arts

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
Format: LEC

LARC 396 Problems in Landscape Architecture
Crosslisted with: LARC 496, LARC 596
Prerequisites: Permission.
Description: Individual 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
Format: LEC

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
Format: LEC

LARC 411 Design Studio VI: Community Planning and Design
Prerequisites: LARC 311
Notes: Letter Grade Only
Description: Critical issues of human settlement and community development. Community development or redevelopment projects are used to examine traditional and contemporary theory and practice and provide communities with an informed basis for coordinated public- and private-sector action.
Credit Hours: 5
Max credits per semester: 5
Max credits per degree: 5
Format: SDO
ACE: ACE 10 Integrated Product

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
Format: LEC

LARC 461 Urbanism
Crosslisted with: ARCH 461, ARCH 561, ARCH 861
Prerequisites: LARC/NRES 487; parallel DSGN 410
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
Format: LEC
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
Format: LEC

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
Format: FLD

LARC 487 Introduction to Landscape Ecology
Crosslisted with: NRES 487
Prerequisites: AGRO/HORT/SOIL 153 and BIOS/NRES 220. HORT/LARC/GEOG 200, CIVE 353/853/NRES853, 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
Format: LEC

LARC 489 Design Research
Crosslisted with: ARCH 489, ARCH 589, ARCH 889, IDES 489, IDES 889
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
Format: LEC

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
Format: FLD

LARC 496 Problems in Landscape Architecture
Crosslisted with: LARC 396, LARC 596
Prerequisites: Permission.
Description: Individual 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
Format: LEC

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
Format: LEC