Landscape Architecture (LARC)

Courses
LARC 1003. Basic Course in the Arts: The American Landscape (Sp, Fa). 3 Hours.
Mankind's changing attitudes toward urban and rural outdoor spaces and their aesthetic and cultural values. The origins of the environmental/conservation movement and the development of an American land ethic. Appreciation of the relationship of the natural and historic landscape to the arts and the aesthetic importance of open space.

LARC 1003H. Honors Basic Course in the Arts: The American Landscape (Sp, Fa). 3 Hours.
Mankind's changing attitudes toward urban and rural outdoor spaces and their aesthetic and cultural values. The origins of the environmental/conservation movement and the development of an American land ethic. Appreciation of the relationship of the natural and historic landscape to the arts and the aesthetic importance of open space.

LARC 1315. Fundamental Design Skills (Fa). 5 Hours.
Fundamental design skills; development of visual and verbal communication skills including observation skills, design technologies, analysis and representation in both 2-dimensions and 3-dimensions through analog and digital tools; creative and critical thinking skills.

LARC 1325. Fundamental Design Methodology (Sp, Su). 5 Hours.
Fundamental design skills; use of precedent for understanding principles of design and natural and formal ordering systems; design development using both iterative and alternative methods of exploration in 2-dimensions and 3-dimensions using analog and digital tools; continued development of visual and verbal communication skills. Prerequisite: LARC 1315.

LARC 2113. Design Communications I (Fa). 3 Hours.
Introduces basic graphic techniques fundamental to the communication of landscape design and landscape architecture. Emphasis on effective and efficient communication using free-hand and digital tools and techniques most frequently utilized in landscape architecture. Limitations and advantages are identified, and shared principles in both hand and computer graphics are emphasized.

LARC 2123. Design Communications II (Sp). 3 Hours.
Builds upon LARC 2113 by introducing advanced graphic techniques increasingly utilized in the communication of landscape design and planning, and in professional practice. Focus is on software required for sophisticated renderings and visualizations, and to manage and interpret landscape data to the regional level.

LARC 2336. Landscape Architecture Design III (Fa). 6 Hours.
Introduction to design process(es) which responds to site and context. Reinforcement of design principles and organization systems applied to small scale design projects. Studio and lecture. Prerequisite: LARC 1326.

LARC 2346. Landscape Architecture Design IV (Sp). 6 Hours.
(Formerly LARC 3345) Expansion of abilities to analyze existing conditions of site and develop methods for interpreting and synthesizing information and perceptions into spatial design proposals. Emphasis on design form and the use of meaning and landscape narrative applied to increased scale projects within a larger or more complex context. Studio and lecture. Prerequisite: LARC 2336 and LARC 3413.

LARC 2346H. Honors Landscape Architecture Design IV (Sp). 6 Hours.
(Formerly LARC 3345) Expansion of abilities to analyze existing conditions of site and develop methods for interpreting and synthesizing information and perceptions into spatial design proposals. Emphasis on design form and the use of meaning and landscape narrative applied to increased scale projects within a larger or more complex context. Studio and lecture. Prerequisite: LARC 2336 and LARC 3413 and Honors candidacy. This course is equivalent to LARC 2346.

LARC 2714. Landscape Architecture Construction I (Sp). 4 Hours.
(Grading) Introduction to landscape architectural construction with an emphasis on grading, earthwork computations, and technical drawing skills. Introduction to roadway alignment, the land survey system, and construction documents. Lecture and laboratory.

LARC 302V. Special Studies (Irregular). 1-6 Hour.
Individual or group study and practicum and travel involving landscape design, history, and environmental analysis. May be repeated for up to 6 hours of degree credit.

LARC 302VH. Honors Special Studies (Irregular). 1-6 Hour.
Individual or group study and practicum and travel involving landscape design, history and environmental analysis. Prerequisite: Honors candidacy. This course is equivalent to LARC 302V.

LARC 303V. Special Projects (Irregular). 1-6 Hour.
Design implementation, study, practicum, and preparation of working drawings. May be repeated for degree credit.

LARC 303VH. Honors Special Projects (Irregular). 1-6 Hour.
Design implementation, study, practicum, and preparation of working drawings. Prerequisite: Honors candidacy. This course is equivalent to LARC 303V.

LARC 3356. Landscape Architecture Design V (Fa). 6 Hours.
Investigation of social behavior as applied to program and design that serves human needs. Projects reflect increased scope, scale, and resolution with a detailed design component. Studio and lecture. Prerequisite: LARC 2346 and LARC 2714; and acceptance into the professional program.

LARC 3356H. Honors Landscape Architecture Design V (Fa). 6 Hours.
Investigation of social behavior as applied to program and design that serves human needs. Projects reflect increased scope, scale, and resolution with a detailed design component. Studio and lecture. Prerequisite: LARC 2346 and LARC 2714; honors candidacy and acceptance into the professional program. This course is equivalent to LARC 3356.

LARC 3366. Landscape Architecture Design VI (Sp). 6 Hours.
Investigation of ecological determinism, historic and contemporary planning, and sustainable design as distinct approaches to landscape architecture. Studio and lecture. Prerequisite: LARC 2346.

LARC 3366H. Honors Landscape Architecture Design VI (Sp). 6 Hours.
Investigation of ecological determinism, historic and contemporary planning, and sustainable design as distinct approaches to landscape architecture. Studio and lecture. Prerequisite: LARC 3356 and Honors candidacy. This course is equivalent to LARC 3366.

LARC 3413. History of Landscape Architecture I (Fa). 3 Hours.
Analysis of the interaction between existing landscapes and human cultural development as reflected in the meaning and organization of landscape designs at garden and community scales from the Neolithic period to the mid-nineteenth century.
LARC 3413H. Honors History of Landscape Architecture I (Fa). 3 Hours.
Analysis of the interaction between existing landscapes and human cultural
development as reflected in the meaning and organization of landscape designs
at garden and community scales from the Neolithic period to the mid-nineteenth
century. Prerequisite: Honors candidacy.
This course is equivalent to LARC 3413.

LARC 3724. Landscape Construction II (Fa). 4 Hours.
Introduction to landscape architectural materials and methods of construction and
assembly. Emphasis on material properties and how those properties affect the
materials use in the landscape and interactions with other materials. Introduction
to dimensioning and layout systems and parking requirements with increased
complexity of construction documents. Lecture and laboratory.

LARC 3724H. Honors Landscape Construction II (Fa). 4 Hours.
Introduction to landscape architectural materials and methods of construction and
assembly. Emphasis on material properties and how those properties affect the
materials use in the landscape and interactions with other materials. Introduction
to dimensioning and layout systems and parking requirements with increased
complexity of construction documents. Lecture and laboratory. Prerequisite: Honors
candidacy.
This course is equivalent to LARC 3724.

LARC 3734. Landscape Architecture Construction III (Sp). 4 Hours.
(Structures) Introduction into the design and fabrication methods of structures in
the landscape. Emphasis on statics in calculating sizes and selection of materials
for free-standing and retaining walls, and wooden structures. Advanced technical
drawing component and computer integration of drawing production. Lecture and
laboratory. Prerequisite: LARC 3724.

LARC 3734H. Honors Landscape Architecture Construction III (Sp). 4 Hours.
(Structures) Introduction into the design and fabrication methods of structures in
the landscape. Emphasis on statics in calculating sizes and selection of materials
for free-standing and retaining walls, and wooden structures. Advanced technical
drawing component and computer integration of drawing production. Lecture and
laboratory. Prerequisite: LARC 3724 and Honors candidacy.
This course is equivalent to LARC 3734.

LARC 3914. Planting Design I (Fa). 4 Hours.
Introduction to small scale projects involving use of plant materials in relation
to other landscape elements, formulation of a vocabulary of plant materials and
preparation of integrated planting plans and applicable specifications. Includes
laboratory. Prerequisite: HORT 3103.

LARC 3914H. Honors Planting Design I (Fa). 4 Hours.
Introduction to small scale projects involving use of plant materials in relation
to other landscape elements, formulation of a vocabulary of plant materials and
preparation of integrated planting plans and applicable specifications. Includes
laboratory. Prerequisite: HORT 3103 and Honors candidacy.
This course is equivalent to LARC 3914.

LARC 3933. Cultural Landscape Studies (Su). 3 Hours.
The examination of landscape forms, and their historic and evolutionary
development. Includes study of cultural, political, and site context influences.
Required field trip component of study abroad. Prerequisite: LARC 3413.

LARC 402V. Special Studies (Irregular). 1-6 Hour.
Individual or group study and practicum involving landscape design, planning and
management, history and environmental analysis. May be repeated for up to 6 hours
of degree credit.

LARC 402VH. Honors Special Studies (Irregular). 1-6 Hour.
Individual or group study and practicum involving landscape design, planning and
management, history and environmental analysis. May be repeated for up to 6 hours
of degree credit.
This course is equivalent to LARC 402V.

LARC 4033. Theory (Fa). 3 Hours.
Introduction to seminal theories in landscape architecture, environmental design
and planning. Readings and case studies will be utilized to explore interaction and
connection across a range of disciplinary theoretical intersections. Prerequisite:
LARC 3413 and LARC 4413 or instructor consent.

LARC 4033H. Honors Theory (Fa). 3 Hours.
Introduction to seminal theories in landscape architecture, environmental design
and planning. Readings and case studies will be utilized to explore interaction and
connection across a range of disciplinary theoretical intersections. Prerequisite:
LARC 3413 and LARC 4413 or instructor consent.
This course is equivalent to LARC 4033.

LARC 4123. Urban Form Studies (Su). 3 Hours.
The examination of urban, village, and suburban form and its influencing forces.
Includes study of cultural forces, technological developments, and physical shape,
scale, and materials that define urban areas. Required field trip component of study
abroad. Prerequisite: LARC 3413.

LARC 4376. Landscape Architecture Design VII (Fa). 6 Hours.
(Formerly LARC 4375) Synthesis of all previous course work; an introduction to
the theory and practice of larger scale planning with an emphasis on design of
systems in urbanizing environments. Studio and lecture. Prerequisite: LARC 3366
and LARC 4413.

LARC 4376H. Honors Landscape Architecture Design VII (Fa). 6 Hours.
Synthesis of all previous course work; an introduction to the theory and practice
of larger scale planning with an emphasis on design of systems in urbanizing
environments. Studio and lecture. Prerequisite: LARC 3366 and LARC 4413 and
Honors candidacy.
This course is equivalent to LARC 4376.

LARC 4382. Senior Project Preparation (Sp). 2 Hours.
Definition and planning of personally selected senior demonstration project.
Requires full documentation of topical research, program development, site data
collection, site analysis, and site project base maps. Studio and lecture. Prerequisite:
LARC 4376.

LARC 4413. History of Landscape Architecture II (Sp). 3 Hours.
Critical study and analysis of landscape architecture from nineteenth century to
the present, with an emphasis on the philosophical and design theories that have
influenced the form of gardens, parks, and cities.

LARC 4413H. Honors History of Landscape Architecture II (Sp). 3 Hours.
Critical study and analysis of landscape architecture from mid-nineteenth century to
the present. Emphasis on the philosophical and design theories that have influenced
the form of gardens, parks, and cities. Prerequisite: Honors candidacy.
This course is equivalent to LARC 4413.

LARC 4523H. Landscape Architecture Honors Thesis (Irregular). 3 Hours.
Development and production of an honors thesis proposal and thesis. Required for
all landscape architecture honors students. Prerequisite: Honors standing.

LARC 4714. Landscape Architecture Construction IV (Fa). 4 Hours.
(Systems) Introduction to systems of landscape architectural construction including
stormwater management, lighting, irrigation, water features, and erosion control.
Emphasis on an advanced grading and landform manipulation skills, and stormwater
system design and calculations. Significant integration of computer generated
drawings. Lecture and laboratory. Prerequisite: LARC 2714.
LARC 4714H. Honors Landscape Architecture Construction IV (Fa). 4 Hours. (Systems) Introduction to systems of landscape architectural construction including stormwater management, lighting, irrigation, water features, and erosion control. Emphasis on an advanced grading and landform manipulation skills, and stormwater system design and calculations. Significant integration of computer generated drawings. Lecture and laboratory. Prerequisite: LARC 2714 and Honors candidacy. This course is equivalent to LARC 4714.

LARC 4743. Public Participation in Design and Planning (Irregular). 3 Hours. The course analyzes the role and participation of multiple stakeholders in planning, design and development scenarios. Public participation techniques covered include questionnaire design, charrettes, grassroots organizing, stakeholder identification and analysis, and other strategies for involving the public, including engaging underrepresented groups.

LARC 4743H. Honors Public Participation in Design and Planning (Irregular). 3 Hours. The course analyzes the role and participation of multiple stakeholders in planning, design and development scenarios. Public participation techniques covered include questionnaire design, charrettes, grassroots organizing, stakeholder identification and analysis, and other strategies for involving the public, including engaging underrepresented groups. This course is equivalent to LARC 4743.

LARC 4753. Incremental Sprawl Repair (Irregular). 3 Hours. Exploration of the causes, manifestation and results of suburban sprawl on the built environment. Design and planning strategies linked to landscape, urbanism, policy, transportation, resource-conservation, ecology, and social structures are proposed. Emphasis is placed on combining traditional and cutting edge methods for repairing sprawled cities and regions. Prerequisite: 4th or 5th year student or instructor approval.

LARC 4753H. Honors Incremental Sprawl Repair (Irregular). 3 Hours. Exploration of the causes, manifestation and results of suburban sprawl on the built environment. Design and planning strategies linked to landscape, urbanism, policy, transportation, resource-conservation, ecology, and social structures are proposed. Emphasis is placed on combining traditional and cutting edge methods for repairing sprawled cities and regions. Prerequisite: 4th or 5th year student or instructor approval. This course is equivalent to LARC 4753.

LARC 4943. Perspectives on Historic Preservation (Fa). 3 Hours. Introduction of history, theory, and praxis of preservation design, emphasizing development and implementation of preservation projects in the practices of architecture, landscape architecture and interior design. Central themes include: preservation as a form of design; principles, rationales, and ideologies associated with preservation practice; and sustainable strategies for preservation design. Prerequisite: ARCH 2233 and ARCH 2243 or LARC 3413 and LARC 4413 or IDES 2883. This course is cross-listed with IDES 4943, ARCH 4943.

LARC 4943H. Honors Perspectives on Historic Preservation (Fa). 3 Hours. Introduction of history, theory, and praxis of preservation design, emphasizing development and implementation of preservation projects in the practices of architecture, landscape architecture and interior design. Central themes include: preservation as a form of design; principles, rationales, and ideologies associated with preservation practice; and sustainable strategies for preservation design. Prerequisite: ARCH 2233 and ARCH 2243 or LARC 3413 and LARC 4413 or IDES 2883. This course is cross-listed with LARC 4943, IDES 4943, ARCH 4943.

LARC 5043. Landscape Architecture Seminar (Irregular). 3 Hours. The role of the landscape architect in contemporary society; how this is affected by technological change and awareness of ecological problems. Group discussions, individual research projects, and guest lectures. Prerequisite: Fourth-year standing.

LARC 5053. Historic Landscape Preservation (Irregular). 3 Hours. Survey of historic preservation as a profession and the emerging cultural landscape preservation movement. Introduction to preservation principles as described by the Secretary of the Interiors Standards and Guidelines. Analysis of case studies will reinforce basic philosophies and introduce preservation approaches. Prerequisite: LARC 3413 and LARC 4413.

LARC 5053H. Honors Historic Landscape Preservation (Irregular). 3 Hours. Survey of historic preservation as a profession and the emerging cultural landscape preservation movement. Introduction to preservation principles as described by the Secretary of the Interiors Standards and Guidelines. Analysis of case studies will reinforce basic philosophies and introduce preservation approaches. Prerequisite: LARC 3413 and LARC 4413 and Honors candidacy. This course is equivalent to LARC 5053.

LARC 5063. Alternative Stormwater Management (Irregular). 3 Hours. Introduction to the role of alternative stormwater management techniques toward a more sustainable development to include constructed wetlands, bioswales, rainwater harvesting, green roofs, and other stormwater reduction techniques. Emphasis on multidisciplinary team approach to problem solving. This course is open to non-majors and includes both lecture and laboratory time.

LARC 5386. Landscape Architecture Design VIII (Sp). 6 Hours. Investigation of the relationship between development, stewardship and land use of the regional scale. Natural resource systems, public policies, regional economics, and social contexts inform environmental land use planning and design decisions. Geographic information systems (GIS) used as an analysis tool. Lecture and GIS lab. Prerequisite: LARC 4376 or instructor approval.

LARC 5386H. Honors Landscape Architecture Design VIII (Sp). 6 Hours. Investigation of the relationship between development, stewardship and land use of the regional scale. Natural resource systems, public policies, regional economics, and social contexts inform environmental land use planning and design decisions. Geographic information systems (GIS) used as an analysis tool. Lecture and GIS lab. Prerequisite: LARC 4376 and Honors candidacy. This course is equivalent to LARC 5386.

LARC 5396. Landscape Architecture Design IX (Fa). 6 Hours. Advanced design studio with an emphasis on individual or team research and design resolution. Includes all aspects of design process: inventory, programming, graphic documentation, formal oral presentation, and a written report. Prerequisite: LARC 5386.

LARC 5396H. Honors Landscape Architecture Design IX (Fa). 6 Hours. Advanced design studio with an emphasis on individual or team research and design resolution. Includes all aspects of design process: inventory, programming, graphic documentation, formal oral presentation, and a written report. Prerequisite: LARC 5386. This course is equivalent to LARC 5396.

LARC 5493. Environmental Land Use Planning (Sp). 3 Hours. Investigation of the relationship between development, stewardship and land use on the city and regional scales. Natural resource systems, public policies, regional economics, and social contexts are investigated as informers of environmental planning and design decisions. Prerequisite: Junior standing or instructor approval.
LARC 5493H. Honors Environmental Land Use Planning (Sp). 3 Hours.
Investigation of the relationship between development, stewardship and land use on the city and regional scales. Natural resource systems, public policies, regional economics, and social contexts are investigated as informers of environmental planning and design decisions. Prerequisite: Junior standing or instructor approval. This course is equivalent to LARC 5493.

LARC 5613. Landscape Architectural Professional Practice (Sp). 3 Hours.
Professional responsibilities and related aspects of landscape architecture practice: ethics; office organization; client, contractor and landscape architect relationships; legal issues, contracts and documents; regulations; review of bidding and contractual documents.