Landscape Architecture (LARC)

Courses

LARC 1003. Basic Course in the Arts: The American Landscape. 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. (Typically offered: Fall and Spring)

LARC 1003H. Honors Basic Course in the Arts: The American Landscape. 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. (Typically offered: Fall and Spring)

LARC 1315. Fundamental Design Skills. 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. (Typically offered: Fall and Summer)

LARC 1325. Fundamental Design Methodology. 5 Hours.
Fundamental design skills; use of precedents 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. (Typically offered: Spring and Summer)

LARC 2113. Design Visualization, Inquiry and Communications. 3 Hours.
Investigation and application of foundational, current and innovative techniques and technologies used in landscape architecture. Field work and other modes of inquiry and seeing are used to study sites. Processes and workflow are learned. Students learn inquiry through technologies, site context investigation, and how to communicate to stakeholders. (Typically offered: Fall)

LARC 2335. Landscape Architecture Design III: Engaging Site, Engaging Place. 5 Hours.
Fundamentals of site inventory, analysis, and assessment. Through measurement, observation, and documentation, students engage with the design of local and regional sites, synthesizing place- based inventoried understanding and experiential response. Students gain an appreciation for both quantifiable and qualitative measurement and observation as creative tools for design development. Corequisite: LARC 2351. Prerequisite: LARC 1325. (Typically offered: Fall)

LARC 2345. Landscape Architecture IV: Collaborating with Site. 5 Hours.
Students consider an increased complexity of landscape issues and multi-purpose design strategies within a local or regional context, while simultaneously responding to external programmatic requirements. Instructor-guided design projects reinforce the value of site exploration and enumeration. The design process is enriched through programmatic and service requirements, stakeholder collaboration, and reflection on design implication. Corequisite: LARC 2351. Prerequisite: LARC 2335. (Typically offered: Spring)

LARC 2345H. Honors Landscape Architecture IV: Collaborating with Site. 5 Hours.
Students consider an increased complexity of landscape issues and multi-purpose design strategies within a local or regional context, while simultaneously responding to external programmatic requirements. Instructor-guided design projects reinforce the value of site exploration and enumeration. The design process is enriched through programmatic and service requirements, stakeholder collaboration, and reflection on design implication. Corequisite: LARC 2351. Prerequisite: LARC 2335 and Honors candidacy. (Typically offered: Spring)
This course is equivalent to LARC 2345.

LARC 2351. Advocacy and Theory Module: Engaging Site, Engaging Place. 1 Hour.
Students explore theories and history and their implementation to increase understanding of concurrent design studio topics. Students develop advocacy capacities through communication, collaboration and skills through workshops, readings, stakeholder engagement and discussions. Students form rationales for design and personal disposition, while gaining knowledge to advocate for the profession and discipline. Corequisite: LARC 2355. (Typically offered: Fall)

LARC 2351H. Honors Advocacy and Theory Module: Engaging Site, Engaging Place. 1 Hour.
Students explore theories and history and their implementation to increase understanding of concurrent design studio topics. Students develop advocacy capacities through communication, collaboration and skills through workshops, readings, stakeholder engagement and discussions. Students form rationales for design and personal disposition, while gaining knowledge to advocate for the profession and discipline. Corequisite: LARC 2355H. (Typically offered: Irregular) May be repeated for degree credit.

LARC 2361. Advocacy and Theory Module: Collaborating with Site. 1 Hour.
Students explore theories and history and their implementation to increase understanding of concurrent design studio topics. Students develop advocacy capacities through communication, collaboration and skills through workshops, readings, stakeholder engagement and discussions. Students form rationales for design and personal disposition, while gaining knowledge to advocate for the profession and discipline. Corequisite: LARC 2345. (Typically offered: Summer)

LARC 2371. Advocacy and Theory Module: International Urban Place. 1 Hour.
Students explore theories and history and their implementation to increase understanding of concurrent design studio topics. Students develop advocacy capacities through communication, collaboration and skills through workshops, readings, stakeholder engagement and discussions. Students form rationales for design and personal disposition, while gaining knowledge to advocate for the profession and discipline. Corequisite: LARC 3355. (Typically offered: Summer)

LARC 2714. Ecological Design and Construction: Terrain. 4 Hours.
Introduces students to fundamental principles of reading and understanding geomorphology, site systems, and site design. Design tools include grading techniques, earthwork computations, and site-related documentation of natural and built structures. Site-related principles of sustainability are introduced as a framework for solving contemporary site issues. (Typically offered: Fall)

LARC 2914. Sustainable Design and Construction: Plant Communities. 4 Hours.
Introduces plants as components of healthy ecosystems, to innovative and sustainable plants and planting strategies as design frameworks, and to planting as powerful design tool. Soils as building block of healthy designs, foundation identification of woody plants and plant taxonomy, and fundamental concepts of time—ephemerality, phenology, and phenomenology. (Typically offered: Spring)

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

LARC 303VH. Honors Special Projects. 1-6 Hour.
Design implementation, study, practicum, and preparation of working drawings. Prerequisite: Honors candidacy. (Typically offered: Irregular)
This course is equivalent to LARC 303V.
LARC 3123. Advanced Design Visualization, Inquiry and Communications. 3 Hours.
Students learn the applications of current communication techniques and technologies in landscape architecture to discover implications through inquiry. Field work and other modes of investigation and seeing are used around urbanization and large scale landscapes in design inquiry. Students learn how to communicate the implications of design to broad stakeholders. (Typically offered: Spring)

LARC 3355. Landscape Architecture Design V: International Urban Place. 5 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. Corequisite: LARC 2371. Prerequisite: LARC 2345. (Typically offered: Fall)

LARC 3365. Landscape Architecture Design VI: Engaging Communities; Understanding Culture. 5 Hours.
Students engage in design projects working for and/or with a particular population, including forming partnerships with a variety of stakeholders. The studio emphasizes empathy and understanding of competing value systems. Students apply a new cultural understanding to design projects. Corequisite: LARC 3381. Prerequisite: LARC 3355. (Typically offered: Fall)

LARC 3375. Landscape Architecture Design VII: Collaborating with Communities. 5 Hours.
Investigation and application of an issues-based, service-learning, community design project, focusing on resiliency and forming partnerships with a variety of stakeholders. Students engage in design as a means for influencing and negotiating on behalf of a community partner. Corequisite: LARC 3391. (Typically offered: Spring)

LARC 3381. Advocacy and Theory Module: Engaging Communities; Understanding Culture. 1 Hour.
Students explore theories and history and their implementation to increase understanding of concurrent design studio topics. Students develop advocacy capacities through communication, collaboration and skills through workshops, readings, stakeholder engagement and discussions. Students form rationales for design and personal disposition, while gaining knowledge to advocate for the profession and discipline. Corequisite: LARC 3365. (Typically offered: Fall)

LARC 3391. Advocacy and Theory Module: Collaborating with Communities. 1 Hour.
Students explore theories and history and their implementation to increase understanding of concurrent design studio topics. Students develop advocacy capacities through communication, collaboration and skills through workshops, readings, stakeholder engagement and discussions. Students form rationales for design and personal disposition, while gaining knowledge to advocate for the profession and discipline. Corequisite: LARC 3375. (Typically offered: Spring)

LARC 3413. History of Landscape Architecture I. 3 Hours.
Analysis of the interaction between landscapes and human cultural development as reflected in the meaning, organization, and impact of design and planning at garden and community scales from the Neolithic period through the eighteen century. (Typically offered: Fall)

LARC 3413H. Honors History of Landscape Architecture I. 3 Hours.
Analysis of the interaction between landscapes and human cultural development as reflected in the meaning, organization, and impact of design and planning at garden and community scales from the Neolithic period through the eighteenth century. Prerequisite: Honors candidacy. (Typically offered: Fall)
This course is equivalent to LARC 3413.

LARC 3724. Ecological Design and Construction: Water and Drainage. 4 Hours.
Introduces water-related issues as encountered and addressed by landscape architects. Students will understand, apply, and design infrastructure such as retention/detention ponds, bioswales, and constructed wetlands. Technical documentation methods as a means of conveying design intent are included. Prerequisite: LARC 2714. (Typically offered: Fall)

LARC 3724H. Honors Landscape Construction II. 4 Hours.
Introduction to landscape architectural materials and methods of construction and assembly. Emphasis on material properties and how those properties affect the materials used 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. (Typically offered: Fall)
This course is equivalent to LARC 3724.

LARC 3734. Sustainable Design and Construction: Material and Methods of Assembly. 4 Hours.
Introduces students to issues in material selection including properties, construction techniques, practical considerations in material use and subsequent implications and effects on the built environment. Material use and human experience are also explored. Technical documentation methods as a means of conveying design intent are included. Prerequisite: LARC 3724. (Typically offered: Spring)

LARC 3734H. Honors Landscape Architecture Construction III. 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. (Typically offered: Spring)
This course is equivalent to LARC 3734.

LARC 3914H. Honors Planting Design I. 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 effects on the built environment. Material use and human experience are also explored. Technical documentation methods as a means of conveying design intent are included. Prerequisite: LARC 3724. (Typically offered: Fall)

LARC 3914. Sustainable Design and Construction: Remediation and Plants on Structure. 4 Hours.
Introduces particular strategies and techniques of plant use in the built environment. Potential topics include green infrastructure, site, soil, and water remediation techniques, and structural considerations of planting on structure. (Typically offered: Fall)

LARC 3933. Cultural Landscape Studies. 3 Hours.
The examination of landscape forms, and their historic and evolutionary development. Includes study of cultural, political, and site context influences. Prerequisite: LARC 3413. (Typically offered: Irregular)

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

LARC 402VH. Honors Special Studies. 1-6 Hour.
Individual or group study and practicum involving landscape design, planning and management, history and environmental analysis. (Typically offered: Irregular) May be repeated for degree credit.
This course is equivalent to LARC 402V.
LARC 4033. Landscape Architecture Theory. 3 Hours.
Examination of historic and current theories in landscape architecture and planning to develop critical judgement. Seminar format includes readings and case studies in issues such as social and environmental justice. Prerequisite: LARC 3413 and LARC 4413 or instructor consent. (Typically offered: Summer)

LARC 4033H. Honors Landscape Architecture Theory. 3 Hours.
Examination of historic and current theories in landscape architecture and planning to develop critical judgement. Seminar format includes readings and case studies in issues such as social and environmental justice. Prerequisite: LARC 3413 and LARC 4413 or instructor consent. (Typically offered: Fall)
This course is equivalent to LARC 4033.

LARC 4123. Urban Form Studies. 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. (Typically offered: Summer)

LARC 4311. Advocacy and Theory Module: Capstone. 1 Hour.
Students explore theories and history and their implementation to increase understanding of concurrent design studio topics. Students develop advocacy capacities through communication, collaboration and skills through workshops, readings, stakeholder engagement and discussions. Students form rationales for design and personal disposition, while gaining knowledge to advocate for the profession and discipline. Corequisite: LARC 4385. (Typically offered: Fall)

LARC 4321. Advocacy and Theory Module: Comprehensive. 1 Hour.
Students explore theories and history and their implementation to increase understanding of concurrent design studio topics. Students develop advocacy capacities through communication, collaboration and skills through workshops, readings, stakeholder engagement and discussions. Students form rationales for design and personal disposition, while gaining knowledge to advocate for the profession and discipline. Corequisite: LARC 4395. (Typically offered: Spring)

LARC 4385. Landscape Architecture Design VIII: Capstone. 5 Hours.
Topic based, service learning studio that blends faculty research interests with student initiative and the potential for collaboration. This studio builds on the broad foundation of previous coursework while developing a design specialization through which students can advocate for both the profession and the communities they serve. Corequisite: LARC 4311. (Typically offered: Fall)

LARC 4395. Landscape Architecture Design IX: Comprehensive. 5 Hours.
Summative studio that requires the student to demonstrate landscape architectural design competency through a multiscalar approach that utilizes various resolutions to address critical, multidimensional problems. Corequisite: LARC 4321. (Typically offered: Spring)

LARC 4413. History of Landscape Architecture II. 3 Hours.
Critical study and analysis of landscape architecture from nineteenth century to the present, with an emphasis on the philosophies, design and planning theories, and social conditions that have influenced the form of gardens, parks, and cities. (Typically offered: Spring)

LARC 4413H. Honors History of Landscape Architecture II. 3 Hours.
Critical study and analysis of landscape architecture from nineteenth century to the present, with an emphasis on the philosophies, design and planning theories, and social conditions that have influenced the form of gardens, parks, and cities. Prerequisite: Honors candidacy. (Typically offered: Spring)
This course is equivalent to LARC 4413.

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

LARC 4714. Landscape Architecture Construction IV. 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. (Typically offered: Fall)

LARC 4753. Incremental Sprawl Repair. 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. (Typically offered: Irregular)

LARC 4753H. Honors Incremental Sprawl Repair. 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. (Typically offered: Irregular)
This course is equivalent to LARC 4753.

LARC 4811. Landscape Architecture Interns. 1 Hour.
Supervised work experience and observation of operations and management procedures in approved design, government, or non-profit organization. Exposure to a wide range of job tasks and project types. Students apply what they learn to their studies. Summative outcomes include reflection. Prerequisite: LARC 3375. (Typically offered: Summer)

LARC 4943. Perspectives on Historic Preservation. 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. (Typically offered: Fall)
This course is cross-listed with IDES 4943, ARCH 4943.

LARC 4943H. Honors Perspectives on Historic Preservation. 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. (Typically offered: Fall)
This course is cross-listed with LARC 4943, IDES 4943, ARCH 4943.

LARC 5053. Historic Landscape Preservation. 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. (Typically offered: Irregular)

LARC 5053H. Honors Historic Landscape Preservation. 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. (Typically offered: Irregular)
This course is equivalent to LARC 5053.
LARC 5493. Environmental Land Use Planning. 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. (Typically offered: Spring)

LARC 5493H. Honors Environmental Land Use Planning. 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. (Typically offered: Spring)
This course is equivalent to LARC 5493.

LARC 5613. Landscape Architectural Professional Practice. 3 Hours.
Review of professional and disciplinary responsibilities and related aspects (including health, safety, and welfare issues) of private, public and non-profit landscape architectural practice. (Typically offered: Fall)