

Landscape Architecture (LARC)

Courses

LARC 10003. 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 100H3. 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 13105. 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 13205. 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 13105. (Typically offered: Spring and Summer)

LARC 21103. 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 211H3. Honors 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. Prerequisite: Honors standing. (Typically offered: Fall)

LARC 23305. 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 inventorial understanding and experiential response. Students gain an appreciation for both quantifiable and qualitative measurement and observation as creative tools for design development. Corequisite: LARC 23501. Prerequisite: LARC 13205. (Typically offered: Fall)

LARC 23405. 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 23501. Prerequisite: LARC 23305. (Typically offered: Spring)

LARC 234H5. 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 23501. Prerequisite: LARC 23305 and Honors candidacy. (Typically offered: Spring)

LARC 23501. 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 23305. (Typically offered: Fall)

LARC 23601. 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 23405. (Typically offered: Spring)

LARC 23701. 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 33505. (Typically offered: Summer)

LARC 27104. 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 271H4. Honors 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. Prerequisite: Honors standing. (Typically offered: Fall)

LARC 29104. 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 3030V. Special Projects. 1-6 Hour.

Design implementation, study, practicum, and preparation of working drawings. (Typically offered: Irregular) May be repeated for degree credit.

LARC 303HV. 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 3030V.

LARC 31203. 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 312H3. Honors 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. Prerequisite: Honors standing. (Typically offered: Spring)

LARC 33505. 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 23701. Prerequisite: LARC 23405. (Typically offered: Summer)

LARC 33605. 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 33801. Prerequisite: LARC 33505. (Typically offered: Fall)

LARC 33705. 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 33901. (Typically offered: Spring)

LARC 33801. 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 33605. (Typically offered: Fall)

LARC 33901. 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 33705. (Typically offered: Spring)

LARC 34103. 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. (Typically offered: Fall)

LARC 341H3. 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)

LARC 37204. 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 27104. (Typically offered: Fall)

LARC 37304. 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 37204. (Typically offered: Spring)

LARC 39104. 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 4020V. 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 402HV. 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 4020V.

LARC 40303. 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 34103 and LARC 44103 or instructor consent. (Typically offered: Summer)

LARC 403H3. 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 34103 and LARC 44103 or instructor consent. (Typically offered: Fall)

LARC 41203. 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 34103. (Typically offered: Summer)

LARC 43101. 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 43805. (Typically offered: Fall)

LARC 43201. 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 43905. (Typically offered: Spring)

LARC 43805. 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 43101. (Typically offered: Fall)

LARC 43905. Landscape Architecture Design IX: Comprehensive. 5 Hours.

Summative studio that requires the student to demonstrate landscape architectural design competency through a multiscale approach that utilizes various resolutions to address critical, multidimensional problems. Corequisite: LARC 43201. (Typically offered: Spring)

LARC 44103. 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 441H3. 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)

LARC 452H3. 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 47503. 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 475H3. 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)

LARC 48101. Landscape Architecture Interns. 1 Hour.

Supervised work experience that may include a combination of design, planning, operations, and management procedures in approved design, design/build, government, or non-profit organization. Exposure to a wide range of job tasks and project types. Summative outcomes include a reflection essay and a portfolio of internship work. Prerequisite: LARC 33705 and LARC 39104. (Typically offered: Summer)

LARC 48503. Latin American Landscapes. 3 Hours.

This course studies the shaping of urban Latin American Landscapes by investigating, problematizing, and analyzing their diverse social, cultural, economic, and environmental conditions as reflected in the built realm. The main scope of study is the conception, origins, meaning, function, and performance of public spaces and landscapes in the continent. (Typically offered: Spring)

LARC 50503. 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 34103 and LARC 44103. (Typically offered: Irregular)

LARC 54903. 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 549H3. 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 and honors standing, or instructor approval. (Typically offered: Spring)

LARC 56103. 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)

LARC 561H3. Honors 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. Prerequisite: Honors standing. (Typically offered: Fall)