

# Landscape Architecture (LARC)

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Department of Landscape Architecture Website (<http://architecture.uark.edu/academics/landscape-architecture/>)

The Department of Landscape Architecture offers a four-year professional Bachelor of Landscape Architecture. The department also participates in the administration of the planning and planting design minors on campus.

With sustainability administered through the Fay Jones School, these degrees and minors offer students a robust package to develop the tools and acumen necessary to have an impact on making sustainable and resilient places for people and the planet.

The Department of Landscape Architecture focuses on design and advocacy. The faculty in our department believe in the power of design and want to help our students and stakeholders become effective advocates to make positive and lasting change as collaborators and leaders.

The Bachelor of Landscape Architecture prepares students to practice landscape architecture as licensed professionals. Landscape Architecture is the sustainability profession, with practitioners providing meaningful solutions to such pressing topics as, climate change and resilience, clean water and air, health wellness and aging, and habitat and loss of it due to cataclysmic events such as wildfire.

The practice of landscape architecture ranges across the geographic spectrum from urban to suburban, rural and ecosystems. Landscape architects appropriately use systems thinking in the planning and design of systems, and design thinking at many scales, including of course to make spaces and places people inhabit outside. Planning and analysis projects for systems include habitat and conservation, watersheds, and infrastructure such as food and agriculture, energy, and transportation.

Design thinking enables landscape architects to create parks, plazas, greenways, community gardens, green alleyways, green roofs and walls, and innovative and natural stormwater treatment in urban sites and places.

Sustainable and resilient landscapes for residential areas are also a part of practice, ranging from high-density urban housing to rural landscapes.

Cultural landscapes and historic, designed sites are also in the domain of landscape architectural practice. These represent an important body of work for practitioners. From the broad list above, opportunities are legion to use planning, design and design thinking to make better places for all.

## Landscape Architecture – Landscape Architectural Accreditation Board

The Landscape Architecture Accreditation Board (LAAB) is the sole agency authorized to accredit U.S. professional degree programs in Landscape Architecture. LAAB recognizes the Bachelor of Landscape Architecture, Bachelor of Science in Landscape Architecture, and Masters of Landscape Architecture. It accredits each program every six years, evaluating degree of conformance with established education standards.

The University of Arkansas Fay Jones School of Architecture and Design's department of landscape architecture offers the following LAAB-accredited degree program:

- B.L.A. (142 undergraduate credits)

The next accreditation visit for the B.L.A. program is academic year 2027-28.

## Bachelor of Landscape Architecture Degree

Requirements for completion of Bachelor of Landscape Architecture include the state minimum core (<http://catalog.uark.edu/undergraduatecatalog/gened/stateminimum/>).

As part of the state minimum core, the department recommends the following: 35

### Laboratory Science

Select two of the following natural sciences for a total of eight hours:

BIOL 10103 Principles of Biology (ACTS Equivalency = BIOL & BIOL 10101 1014 Lecture)  
and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)

BIOL 10303 Plant Biology (ACTS Equivalency = BIOL 1034 & BIOL 10301 Lecture)  
and Plant Biology Laboratory (ACTS Equivalency = BIOL 1034 Lab)

GEOL 11103 Physical Geology (ACTS Equivalency = GEOL & GEOL 11101 1114 Lecture)  
and Physical Geology Laboratory (ACTS Equivalency = GEOL 1114 Lab)

UNIV 10051 University Perspectives 1

### Completion of the following Professional Core:

#### Design and Advocacy Components

LARC 13105 Fundamental Design Skills 5

LARC 13205 Fundamental Design Methodology 5

LARC 23305 Landscape Architecture Design III: Engaging Site, Engaging Place 5

LARC 23501 Advocacy and Theory Module: Engaging Site, Engaging Place 1

LARC 23405 Landscape Architecture IV: Collaborating with Site 5

LARC 23601 Advocacy and Theory Module: Collaborating with Site 1

LARC 33505 Landscape Architecture Design V: International Urban Place 5

LARC 23701 Advocacy and Theory Module: International Urban Place 1

LARC 33605 Landscape Architecture Design VI: Engaging Communities; Understanding Culture 5

LARC 33801 Advocacy and Theory Module: Engaging Communities; Understanding Culture 1

LARC 33705 Landscape Architecture Design VII: Collaborating with Communities 5

LARC 33901 Advocacy and Theory Module: Collaborating with Communities 1

LARC 43805 Landscape Architecture Design VIII: Capstone 5

LARC 43101 Advocacy and Theory Module: Capstone 1

LARC 43905	Landscape Architecture Design IX: Comprehensive	5
LARC 43201	Advocacy and Theory Module: Comprehensive	1

**Communications Components**

LARC 21103	Design Visualization, Inquiry and Communications	3
LARC 31203	Advanced Design Visualization, Inquiry and Communications	3

Honors students may also substitute up to 6 hours of the following:

LARC 303HV Honors Special Projects

**Construction Components**

LARC 27104	Ecological Design and Construction: Terrain	4
LARC 29104	Sustainable Design and Construction: Plant Communities	4
LARC 37204	Ecological Design and Construction: Water and Drainage	4
LARC 37304	Sustainable Design and Construction: Material and Methods of Assembly	4
LARC 39104	Sustainable Design and Construction: Remediation and Plants on Structure	4

**History and Theory Components**

LARC 34103	History of Landscape Architecture I	3
LARC 40303	Landscape Architecture Theory	3
LARC 44103	History of Landscape Architecture II	3
LARC 41203	Urban Form Studies	3

**Practice Components**

LARC 48101	Landscape Architecture Interns	1
LARC 56103	Landscape Architectural Professional Practice	3

**Professional Electives** 9

Students may select courses from the Departments of Landscape Architecture, Interior Design and Architecture as well as courses in history, geography, horticulture, art, sociology, environmental studies, and business. These courses can be thematically selected to emphasize urban studies, ecological planning, construction management, and land development.

**Free Electives** 3

Students are encouraged to take courses outside the Department to broaden their education.

**Total Hours** 142

1. Candidates seeking graduation shall achieve a minimum of 142 hours and a minimum of a "C-" in each course within the professional curriculum. The remaining balance of hours shall have a minimum of 2.00 cumulative grade point average. Students must maintain a minimum 2.0 cumulative grade-point average to continue in the studio sequence. Any student receiving a "D+/-" or below in the professional core shall repeat the course. Any student with a second "D+/-" or below shall be considered for non-continuance in the program as determined by the department head and faculty. To continue in the professional program, the student must submit a portfolio after their second year for faculty review. Please see section "Admission to the Professional Program in Landscape Architecture."
2. Students in landscape architecture are required to complete the department's summer study abroad program, after their second year.

NOTE: No more than four hours of physical education and/or R.O.T.C. may be counted toward a degree. Courses not acceptable toward degree credit include those of a remedial or orientation nature and whose content

are considered to be measurably duplicated elsewhere in the school's curriculum.

By following the preceding curriculum, students will meet the state-mandated State Minimum Core requirements. They must also meet all other University Requirements (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/requirementsforgraduation/>) for graduation. The department strongly recommends that transfer students present eight hours of laboratory science courses selected from botany, biology, geology, and physical science as part of the state minimum core.

Students admitted to the university with a completed two-year associate of arts or associate of science degree from an Arkansas state-supported two-year or four-year college or university will receive credit for general education (core) requirements in accordance with ACT 182. All students also must complete any lower division discipline specific courses required for the major as well as all courses required to comply with the conditions of accreditation.

**Grade Appeals – Department of Landscape Architecture**

Students in the Department of Landscape Architecture may appeal grades in the design studios as well as other professional courses in which it is believed that there are questions of fairness or equity in the application of the published grading policy of the faculty member. Appeals must be made in writing to the department head one week before the first week of the subsequent semester. The appeal will be presented to the entire Landscape Architecture faculty for consideration and may require the students to present their case in person. Outcomes of grade appeals may result in one of the following:

1. A recommendation to the faculty member regarding the grade appeal of the student.
2. A requirement for the student to repeat the design studio course and any co-requisite.
3. A recommendation for enrollment in the subsequent studio course, while advising the student of the need to achieve and maintain a cumulative 2.00 (in the studio sequence) for admission to the professional program.

**Professional Licensure Degree Requirement**

The School's Bachelor of Landscape Architecture program is accredited by LAAB, which requires that specific criteria be met in a professional program. This ten-semester professional program gives graduates the required accredited degree to qualify to take the licensing exam and prepares them for practice as a licensed professional.

All fifty states require licensure for landscape architects. The primary purpose of this licensure is to protect the health, safety, and welfare of the public. Most states require that candidates possess an accredited degree in landscape architecture and complete a period of professional experience, working with a licensed landscape architect. The department curriculum requires a summer internship during the third year of the program as part of this developmental period. Once the requirements of an accredited degree and the necessary internship period are complete, candidates must pass a national, four-part exam, sometimes with additional sections unique to that state.

## Landscape Architecture B.L.A. Ten-Semester Degree Program

The professional program for a Bachelor of Landscape Architecture Degree must be completed in 10 semesters of coursework and is not eligible for the Eight-Semester Degree Completion Program. However, the following 10-semester sample plan shows how a first-year student could obtain a Bachelor of Landscape Architecture degree in five years if the student is admitted to the Landscape Architecture Design Studio and subsequently is admitted to the professional program.

First Year	Units		
	Fall	Spring	Summer
LARC 13105 Fundamental Design Skills	5		
Select one of the following (Satisfies General Education Outcome 3.4):	4		
BIOL 10303 Plant Biology (ACTS Equivalency = BIOL 1034 Lecture) & BIOL 10301 Plant Biology Laboratory (ACTS Equivalency = BIOL 1034 Lab)			
BIOL 10103 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & BIOL 10101 Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)			
MATH 11003 College Algebra (ACTS Equivalency = MATH 1103) (Satisfies General Education Outcome 2.1)	3		
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3		
UNIV 10051 University Perspectives	1		
LARC 13205 Fundamental Design Methodology (Satisfies General Education Outcome 1.2)		5	
Satisfies General Education Outcome 3.4:			
GEOL 11103 Physical Geology (ACTS Equivalency = GEOL 1114 Lecture) & GEOL 11101 Physical Geology Laboratory (ACTS Equivalency = GEOL 1114 Lab)		4	
SOC1 10103 General Sociology (ACTS Equivalency = SOC1 1013) (Satisfies General Education Outcome 3.3)		3	
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3	
Year Total:	16	15	

Second Year	Units		
	Fall	Spring	Summer
LARC 23305 Landscape Architecture Design III: Engaging Site, Engaging Place	5		

LARC 23501 Advocacy and Theory Module: Engaging Site, Engaging Place	1		
LARC 21103 Design Visualization, Inquiry and Communications		3	
LARC 27104 Ecological Design and Construction: Terrain		4	
LARC 34103 History of Landscape Architecture I		3	
LARC 23405 Landscape Architecture IV: Collaborating with Site			5
LARC 23601 Advocacy and Theory Module: Collaborating with Site			1
LARC 29104 Sustainable Design and Construction: Plant Communities			4
LARC 37204 Ecological Design and Construction: Water and Drainage			4
LARC 44103 History of Landscape Architecture II (Satisfies General Education Outcome 1.2)			3
LARC 33505 Landscape Architecture Design V: International Urban Place			5
LARC 23701 Advocacy and Theory Module: International Urban Place			1
LARC 40303 Landscape Architecture Theory (Satisfies General Education Outcome 6.1)			3
LARC 41203 Urban Form Studies (Satisfies General Education Outcome 4.1)			3
Year Total:	16	17	12

Third Year	Units		
	Fall	Spring	Summer
LARC 33605 Landscape Architecture Design VI: Engaging Communities; Understanding Culture	5		
LARC 33801 Advocacy and Theory Module: Engaging Communities; Understanding Culture	1		
LARC 37304 Sustainable Design and Construction: Material and Methods of Assembly	4		
LARC 39104 Sustainable Design and Construction: Remediation and Plants on Structure	4		
LARC 31203 Advanced Design Visualization, Inquiry and Communications	3		
LARC 33705 Landscape Architecture Design VII: Collaborating with Communities			5
LARC 33901 Advocacy and Theory Module: Collaborating with Communities			1
Professional Elective (ARDS 315H3 for Honors Students)			3

Social Sciences State Minimum Core Requirement (Satisfies General Education Outcome 3.3) <sup>1</sup>	6		
History or Government State Minimum Core Requirement (Satisfies General Education Outcome 4.2)	3		
LARC 48101 Landscape Architecture Interns			1
Year Total:	17	18	1

Fourth Year	Units		
	Fall	Spring	Summer
LARC 43805 Landscape Architecture Design VIII: Capstone (Satisfies General Education Outcome 4.2)	5		
LARC 43101 Advocacy and Theory Module: Capstone	1		
LARC 56103 Landscape Architectural Professional Practice (Satisfies General Education Outcome 5.1)	3		
Professional Elective	3		
Free Elective	3		
LARC 43905 Landscape Architecture Design IX: Comprehensive (Satisfies General Education Outcome 6.1)		5	
LARC 43201 Advocacy and Theory Module: Comprehensive		1	
Professional Elective (ARDS 315H3 for Honors Students)		3	
Humanities State Minimum Core Requirement (Satisfies General Education Outcome 3.2) <sup>2</sup>		3	
Fine Arts State Minimum Core Requirement (Satisfies General Education Outcome 3.1) <sup>3</sup>		3	
Year Total:	15	15	

**Total Units in Sequence: 142**

<sup>1</sup> The Social Sciences Elective courses which satisfy General Education Outcome 3.3 include: AGECE 11003, AGECE 21003, ANTH 10203, COMM 10203, ECON 21003, ECON 22003, ECON 21403, EDST 20003, HDFS 14003, HDFS 24103, HDFS 26003, HIST 11193, HIST 111H3, HIST 11293, HIST 112H3, HIST 20003, HIST 20103, HIST 20903, HUMN 111H4, HUMN 211H4, INST 28103, INST 281H3, PLSC 20003, PLSC 20103, PLSC 21003, PLSC 28103, PLSC 281H3, PSYC 20003, RESM 28503, SOCI 10103, SOCI 101H3, or SOCI 20103.

<sup>2</sup> The Humanities Elective courses which satisfy General Education Outcome 3.2 include: AAST 20203, ANTH 10303, ARCH 10103, CLST 10003, CLST 100H3, CLST 10103, COMM 12303, DANC 10003, ENGL 12103, GNST 20003, HIST 11193, HIST 111H3, HIST 11293, HIST 112H3, HIST 20003, HIST 20103, HUMN 112H4, HUMN 22103, LALS 20103, MRST 20103, MUSY 20003, MUSY 200H3, PHIL 20003, PHIL 200H3, PHIL 21003, PHIL 23003, THTR 10003, THTR 10103, THTR 101H3, ENGL 11103, ENGL 11203, or intermediate-level world language.

<sup>3</sup> The Fine Arts Elective courses which satisfy General Education Outcome 3.1 include: ARCH 10003, ARHS 10003, COMM 10003, DANC 10003, LARC 10003, MUSC 10003, MUSC 100H3, MUSC 10103, MUSC 101H3, MUSC 13303, THTR 10003, THTR 10103, or THTR 101H3.

## Minor in Design With Plants for Architecture Majors

The Department of Landscape Architecture offers and oversees a minor in Design With Plants for students interested in significant world issues in landscape design, climate change, management, and sustainability. The Design with Plants Minor combines plant-centered coursework with several design-oriented courses within the Landscape Architecture Department. This minor is tailored for those students desiring a more in-depth study of plants, plant communities, soils, aesthetic and architectural uses of plants, and design and deployment strategies related to them.

### What can I do with this minor?

Students pursuing this minor will be well-suited for engaging with landscape design professionals and other allied professionals pursuing productive, locally sensitive, sustainable, and resilient planting schemes.

Two courses provide students with core skills in designing with plants: 'Sustainable Design and Construction: Plant Communities' and 'Design Visualization, Inquiry and Communications.' Issues and topics addressed include:

### Foundation topics in plants and cultivation

- Concepts relating to plants, their associations, and communities, and how to utilize those concepts as design frameworks
- Fundamentals of soils, soil structure and composition, soil health and ecosystems, and strategies for their protection
- Studying productive plant communities (food crops) to understand them as a community and as a design opportunity
- Questions of sustainability regarding plants and planting
- Fundamental design methods and means of graphic representation to communicate ideas and proposals

### Required Courses

LARC 29104	Sustainable Design and Construction: Plant Communities	4
HORT 20003	Principles of Horticulture	3
Choose 9-10 hours from the following:		9-10
LARC 21103	Design Visualization, Inquiry and Communications	
	or LARC 391 Sustainable Design and Construction: Remediation and Plants on Structure	
	or CSES 22 (Soil Science)	
	or HORT 33 (Vegetable Crops)	
	or HORT 31 (Herbaceous and Indoor Plant Materials)	
	or HORT 35 (Sustainable and Organic Horticulture)	

A student must take a minimum of 6 hours in the 3000 and 4000 level courses to satisfy requirements for the minor.

**Total Hours 16-17**

## Requirements for Urban and Regional Planning Minor

A student who is interested in the Urban and Regional Planning minor should notify either the Departments of Landscape Architecture or Political



Science and consult with their academic advisor. The minor consists of 18 hours of required and elective courses and subdivided into three tiers: core courses, tier-one electives and tier-two electives. The minor's required and elective courses include:

#### Required Core Courses:

PLSC 41003	Introduction to Urban Planning	3
LARC 54903	Environmental Land Use Planning	3

#### Tier-One Electives 6-12

Select 6-12 hours from the following:

LARC-approved design studio focused on planning (may only count once)		
LARC Advocacy Module focused on planning		
ANTH 51103	Anthropology of the City	
PLSC 41703	Community Development	
PLSC 3900V	Special Topics	
GEOS 40703	Urban Geography	
PLSC 32503	Urban Politics	
LARC 47503	Incremental Sprawl Repair	
LARC 4020V	Special Studies	
SOCI 31503	Urban Sociology	

#### Tier-Two Electives (up to six hours of electives may come from the following options) 0-6

LARC 40303	Landscape Architecture Theory	
GEOS 30403	Sustaining Earth	
GEOS 43903	American Public Lands & Policy	
GEOS 46903	Environmental Justice	
LARC 50503	Historic Landscape Preservation	
ANTH 44403	Cultural Resource Management I	
ENSC 32203	Ecosystems Assessment	
ENSC 32201	Ecosystems Assessment Laboratory	
ENSC 39303	Environmental Ethics	
ENSC 34103	Principles of Environmental Economics	
PLSC 42803	Federalism and Intergovernmental Relations	
ARCH 54903	History of Urban Form	
SCMT 34403	DELIVER: Transportation and Distribution Management	

**Total Hours** **18**

## Minor in Planting Design (for Horticulture majors)

17 Hours Total Required

#### Required Courses

LARC 21103	Design Visualization, Inquiry and Communications	3
LARC 27104	Ecological Design and Construction: Terrain	4
LARC 39104	Sustainable Design and Construction: Remediation and Plants on Structure	4

#### Electives

Select two of the following: 6

LARC 10003	Basic Course in the Arts: The American Landscape	
LARC 31203	Advanced Design Visualization, Inquiry and Communications	
LARC 3030V	Special Projects	

LARC 34103	History of Landscape Architecture I	
LARC 37204	Ecological Design and Construction: Water and Drainage	
LARC 44103	History of Landscape Architecture II	
HORT 40403	Professional Landscape Management	
HORT 46003	Practical Landscape Planning	

**Total Hours** **17**

#### Minor in Sustainable Landscape Design and Management

The Department of Landscape Architecture offers and oversees a minor in Sustainable Landscape Design and Management. The minor is available to any student pursuing a major within the Fay Jones School of Architecture and Design.

This minor in Sustainable Landscape Design and Management combines coursework in the foundations of sustainability, sustainable landscape practices, horticulture, landscape management, operations, and installation.

Responsible landscape professionals increasingly incorporate sustainability into their design, maintenance, and management philosophies. This minor will allow students to incorporate principles of sustainable landscape design and management into the built world, from large-scale landscapes to site-specific spaces. Sustainable landscape management ensures that the landscape needs of today are met without compromising those of future generations by giving equal attention to social, natural, built, and managed systems. Issues addressed include:

- Basic understanding of sustainability at the local to global scale.
- Sustainable landscape practices lessening maintenance time and costs.
- Ecological principles of site design and construction grading (ground plane manipulation).
- Proper plant selection with preference to native and/or organically grown plants that require minimal supplemental nutrients and water, attracting wildlife and pollinators, and are healthier for human use.
- Appropriate pruning to minimize waste, reduce costs and maximize the plant's benefits.
- Sustainable planting design and maintenance to maintain local character and identity.
- Sustainable landscape practices that help to maintain local jobs and businesses.
- Identifying locally sourced materials to minimize transportation costs and resource consumption.

#### Required Courses

LARC 27104	Ecological Design and Construction: Terrain	4
Choose 3 hours from:		3
HORT 20003	Principles of Horticulture	
or HORT 35003	Sustainable and Organic Horticulture	
or SUST 11006	Foundations of Sustainability	

Choose 9-10 hours from the following: 9-10

LARC 21103	Design Visualization, Inquiry and Communications	
or LARC 37304	Sustainable Design and Construction: Material and Methods of Assembly	
or HORT 31003	Body Landscape Plants	
or HORT 35003	Sustainable and Organic Horticulture	

or HORT 4030 Professional Landscape Installation and Construction  
or SUST 1100 Foundations of Sustainability

A student must take a minimum of 6 hours in the 3000 and 4000 level courses to satisfy requirements for the minor.

**Total Hours**

**16-17**

## Professional Licensure Degree Requirement

The School's Bachelor of Landscape Architecture program is accredited by LAAB, which requires that specific criteria be met in a professional program. This five-year professional program gives its graduates the required prerequisite degree to qualify to take the licensing exam and prepares them for practice.

All fifty states require licensure for landscape architects. The primary purpose of this licensure is to "protect the health, safety, and welfare of the public." Most states require that candidates possess an accredited degree in landscape architecture and complete a period of professional experience, working with a licensed landscape architect. Once these requirements are complete, candidates must pass a national, uniform exam, sometimes with additional sections unique to that state.

## Faculty

**Biehle, Scott**, M.L.A. (University of Texas at Austin), B.A. (St. Olaf College), Teaching Associate Professor, 2012, 2023.

**Dunn, Katie**, M.L.A. (University of Pennsylvania), B.L.A. (University of Arkansas), Teaching Assistant Professor, 2023.

**Díaz Montemayor, Gabriel**, M.L.A. (Auburn University), B.Arch. (Universidad Autónoma de Chihuahua), Associate Professor, 2020.

**Erdman, Kimball Douglas**, M.L.A. (University of Oregon), B.L.A. (Utah State University), Professor, 2009, 2023.

**Lane, Robyn**, Ph.D., M.A., B.L.A. (University of Arkansas), Teaching Assistant Professor, 2023.

**McCown, Ken**, M.Arch. (University of Illinois at Urbana Champaign), Professor, 2019.

**Smith, Carl Alan**, Ph.D., M.A. (University of Sheffield), B.Sc. (University of Lancaster), Associate Professor, 2008, 2013.

## 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)

This course is equivalent to LARC 10003.

### 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)

This course is equivalent to LARC 21103.

### 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)

This course is equivalent to LARC 23405.

### 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)

This course is equivalent to LARC 27104.

**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)

This course is equivalent to LARC 31203.

**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)

This course is equivalent to LARC 34103.

**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)

This course is equivalent to LARC 40303.

**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 multiscalar 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)

This course is equivalent to LARC 44103.

**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)

This course is equivalent to LARC 47503.

**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 on the continent. (Typically offered: Spring)

This course is cross-listed with LALS 48503.

**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)

This course is equivalent to LARC 54903.

**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)

This course is equivalent to LARC 56103.