Landscape Architectural Studies (LARC)

Bachelor of Science in Landscape Architectural Studies

The Bachelor of Science in Landscape Architectural Studies degree is offered to those who wish to gain considerable knowledge of the ecological, social, cultural and historical factors that have shaped landscapes of the western and non-western world. This degree will provide a comprehensive theoretical framework that will suit students wishing to enter careers at the municipal, state and federal levels. This degree will also serve students who wish to pursue a career in environmental design but do not seek landscape architecture licensure.

The program utilizes existing professional courses within the Departments of Landscape Architecture, Architecture, Interior Design and the university to fulfill the required course work. The minimum number of hours of credit required for graduation is 120.

Requirements for a bachelor of Science in Landscape Architectural Studies

1. Completion of the following 26-hour landscape architecture studies program:
   - **Landscape Architecture Design**
     - LARC 1003 Basic Course in the Arts: The American Landscape 3
     - ARCH 1212 Design Thinking I: Foundations in Technology 2
     - ARCH 1222 Design Thinking II: Foundations in History 2
     - LARC 1315 Fundamental Design Skills 5
     - LARC 1325 Fundamental Design Methodology 5
   - **History and Theory of Landscape Architecture**
     - LARC 3413 History of Landscape Architecture I 3
     - LARC 4413 History of Landscape Architecture II 3
     - LARC 4033 Theory 3
     - Total Hours 26

2. Completion of the following 35-hour state minimum core requirements.
3. Completion of UNIV 1001 University Perspectives, which does not count for credit.
4. Completion of 59 hours of electives:
   - **Professional Concentration Electives** 22
     - Credits may be from upper-level (3000 or above) courses from the departments of landscape architecture and architecture, sociology, geography, horticulture or other approved courses in an allied discipline or other courses that contribute to the fulfillment of a recognized minor.
   - **Free Electives** 15
     - to include at least one course in ARCH and one course in IDES
   - **Departmental Electives** 16
     - Select 16 hours from the following departmental electives:
       - LARC 2113 Design Communications I 3
       - LARC 2123 Design Communications II 3
       - LARC 2714 Landscape Architecture Construction I 4

A minimum of 120 hours with a 2.00 cumulative grade-point average at this institution both in all work attempted and in course work completed in the Department of Landscape Architecture and the School of Architecture. Course work taken to remove course deficiencies assigned during admission or transfer will not be counted toward the degree. Similarly, courses considered to be remedial or developmental will not count toward the degree.

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.

Although not a requirement in the four-year degree, students are encouraged to participate in the department's summer study abroad program. The course work will count towards professional elective requirements.

### Landscape Architectural Studies B.S. Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan while pursuing a Bachelor of Science in Landscape Architectural Studies should see the Eight-Semester Degree Policy (http://catalog.uark.edu/undergraduatedegree/academicregulations/eightsemesterdegreecompletionpolicy) for university requirements of the program.

#### First Year

<table>
<thead>
<tr>
<th>Units</th>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>LARC 1315 Fundamental Design Skills</td>
<td>5</td>
<td></td>
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<tr>
<td>ARCH 1212 Design Thinking I: Foundations in Technology</td>
<td>2</td>
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LARC 1325 Fundamental Design Methodology  5  
ARCH 1222 Design Thinking II: Foundations in History  2  
LARC 1003 Basic Course in the Arts: The American Landscape  3  
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)  3  
Social Science Requirement  3  
Year Total:  16  16

Second Year

LARC 3413 History of Landscape Architecture I  3  
GEOS 1113 General Geology (ACTS Equivalency = GEOL 1114 Lecture)  3  
GEOS 1111L General Geology Laboratory (ACTS Equivalency = GEOL 1114 Lab)  1  
Social Science Requirement  3  
Fine Arts Requirement  3  
Departmental Elective  3  
Select one of the following:  3  
HIST 2003 History of the American People to 1877 (ACTS Equivalency = HIST 2113)  
HIST 2013 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123)  
LARC 4413 History of Landscape Architecture II  3  
Humanities Core Requirement  3  
Select one of the following:  4  
BIOL 1613 Plant Biology (ACTS Equivalency = BIOL 1034 Lecture)  
BIOL 1611L Plant Biology Laboratory (ACTS Equivalency = BIOL 1034 Lab)  
BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture)  
BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)  
Departmental Elective  3  
Year Total:  16  16

Third Year

Departmental Elective  4  
Professional Elective  4  
Free Elective  6  
Interdisciplinary Core Requirement  3  
Professional Elective  6  
Departmental Elective  3  
Free Elective  3  
Year Total:  14  15

Fourth Year

LARC 4033 Theory  3  
Professional Elective  6  
Departmental Elective  3  
Free Elective  3  
Professional Electives  6  
Free Elective  3  
Interdisciplinary Core Requirement  3  
Year Total:  15  12

Total Units in Sequence: 120

Minors for Landscape Architectural Studies Students

Landscape Architectural Studies candidates may pursue an academic minor. The minor must be in a field other than the major area, and the students must notify the department of their intention to minor. An academic minor ordinarily consists of 15-18 hours, which are dictated by the department of the minor. Students in Landscape Architectural Studies may choose from any recognized minor offered by the University; however, they are encouraged to consider the following fields:

- Public Policy, Planning, History, Geography, and Horticulture, and further encouraged to consider cross-disciplinary study in African-American Studies, Anthropology, Art History, Business Administration, Classical Studies, Communication, Computer Sciences, Economics, English, European Studies, Gender Studies, Latin-American Studies, Philosophy, Political Science, Psychology, Sociology and Sustainability.

Although foreign study is not required for candidates in Landscape Architectural Studies, students in the curriculum are encouraged to participate in the School of Architecture's off-campus study abroad programs in Europe, Rome and Latin or Central America. Community planning projects are offered through the University of Arkansas Community Design Center (UACDC).

To take maximum advantage of the opportunities of the four-year degree program, each student in the Landscape Architectural Studies program shall work with the department faculty advisers to develop a program of study emphasizing special interests, to cultivate a specialization related to the field, and to guide preparation for graduate study, if desired.

Minor in Planting Design (for Horticulture majors)

17 Hours Total Required

Required Courses

LARC 2113  Design Communications I  3
LARC 2714  Landscape Architecture Construction I  4
LARC 3914  Planting Design I  4

Electives

Select two of the following:  6
Minor in Planning

The departments of Landscape Architecture and Political Science collaboratively offer an interdisciplinary minor in Planning for students interested in regional and urban planning. A student who wants to minor in Planning should notify either the Department of Landscape Architecture or Political Science and consult an academic adviser. A Planning minor consists of 18 hours of required and elective courses subdivided into three concentrations. A student should choose one concentration and take 6 hours of elective courses in that concentration. The minor’s required and elective courses include:

**Required Courses:**
- LARC 5386 Landscape Architecture Design VIII
- or LARC 5493 Environmental Land Use Planning
- and one 3 credit-hour elective from the Spatial Concentration
  - PLSC 3253 Urban Politics
  - PLSC 4103 Introduction to Urban Planning

**Electives**
- Select two courses from one group

**Policy Group:**
- ANTH 4443 Cultural Resource Management I
- ANTH 5113 Anthropology of the City
- ENSC 3413 Principles of Environmental Economics
- LARC 4033 Theory
- LARC 4743 Public Participation in Design and Planning (Public Participation in Design and Planning not offered until 2014)
- PLSC 390V Special Topics
- PLSC 4283 Federalism and Intergovernmental Relations
- HDFS 4603 Environmental Sociology
- SCMT 3443 Transportation and Distribution Management

**Spatial Group:**
- ARCH 5493 History of Urban Form
- ARCH 5933 Preservation and Restoration
- ANTH 5113 Anthropology of the City
- ENSC 3413 Principles of Environmental Economics
- GEOS 4073 Urban Geography
- LARC 402V Special Studies
- LARC 4033 Theory
- LARC 4753 Incremental Sprawl Repair (Incremental Sprawl Repair not offered until 2014)
- LARC 5053 Historic Landscape Preservation
- HDFS 4603 Environmental Sociology

**Environmental Group:**
- ANTH 4443 Cultural Resource Management I
- ANTH 4603 Landscape Archaeology
- BIOL 3863 General Ecology
- ENSC 3223 Ecosystems Assessment
- ENSC 3221L Ecosystems Assessment Laboratory
- ENSC 3413 Principles of Environmental Economics
- LARC 4033 Theory
- LARC 5053 Historic Landscape Preservation
- HDFS 4603 Environmental Sociology

**Total Hours**
- 18

**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.

**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.

**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 2-dimensions and 3-dimensions through analog and digital tools; creative and critical thinking skills.

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

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

**Faculty**

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

**Billig, Noah Scott,** Ph.D. (Clemson University), M.Ur.P., M.L.A., B.A. (University of Minnesota), Assistant Professor, 2011.

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


**Smith, Carl Alan,** Ph.D., M.A. (University of Sheffield), B.Sc. (University of Lancaster), Associate Professor, 2008.
LARC 2123. Design Communications II. 3 Hours.
Builds upon LARC 2113 by introducing advanced graphic techniques increasingly utilized in the communication of landscape design and planning, and in professional practice. Focus is on software required for sophisticated renderings and visualizations, and to manage and interpret landscape data to the regional level.

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

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

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

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

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

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

LARC 303V. Special Projects. 1-6 Hour.
Design implementation, study, practicum, and preparation of working drawings. 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. This course is equivalent to LARC 303V.

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

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

LARC 3366. Landscape Architecture Design VI. 6 Hours.
Investigation of ecological determinism, historic and contemporary planning, and sustainable design as distinct approaches to landscape architecture. Studio and lecture. Prerequisite: LARC 3356.

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

LARC 3413. History of Landscape Architecture I. 3 Hours.
Analysis of the interaction between existing landscapes and human cultural development as reflected in the meaning and organization of landscape designs at garden and community scales from the Neolithic period to the mid-nineteenth century.

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

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

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

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

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

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

LARC 3914H. Honors Planting Design I. 4 Hours.
Introduction to small scale projects involving use of plant materials in relation to other landscape elements, formulation of a vocabulary of plant materials and preparation of integrated planting plans and applicable specifications. Includes laboratory. Prerequisite: HORT 3103 and Honors candidacy. This course is equivalent to LARC 3914.
LARC 3933. Cultural Landscape Studies. 3 Hours.
The examination of landscape forms, and their historic and evolutionary development. Includes study of cultural, political, and site context influences. Required field trip component of study abroad. Prerequisite: LARC 3413.

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

This course is equivalent to LARC 402V.

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

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

This course is equivalent to LARC 4033.

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

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

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

This course is equivalent to LARC 4376.

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 philosophical and design theories that have influenced the form of gardens, parks, and cities.

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

This course is equivalent to LARC 4413.

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

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

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

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

This course is equivalent to LARC 4743.

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

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

This course is equivalent to LARC 4753.

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

This course is cross-listed with IDES 4943, ARCH 4943.

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

This course is cross-listed with LARC 4943, IDES 4943, ARCH 4943.

LARC 5043. Landscape Architecture Seminar. 3 Hours.
The role of the landscape architect in contemporary society; how this is affected by technological change and awareness of ecological problems. Group discussions, individual research projects, and guest lectures. Prerequisite: Fourth-year standing.
LARC 5053. Historic Landscape Preservation. 3 Hours.
Survey of historic preservation as a profession and the emerging cultural landscape preservation movement. Introduction to preservation principles as described by the Secretary of the Interiors Standards and Guidelines. Analysis of case studies will reinforce basic philosophies and introduce preservation approaches. Prerequisite: LARC 3413 and LARC 4413.

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

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

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

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

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

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

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

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