LANDSCAPE ARCHITECTURE

Description

Landscape Architecture has the responsibility of protecting the health, safety and welfare of the public as it relates to the exterior environment. Through design and/or management of this environment, Landscape Architects reconcile human settlement with the natural environment in ways that exhibit artful sensibilities, demonstrate technical mastery and respect ecological functions. This activity occurs in cities through the integration of natural spaces including parks, green infrastructure, waterfronts, and nature corridors. The activity also includes the design of public spaces including plazas, streetscapes and urban design districts. Outside urban areas, Landscape Architects are involved in the design and management of national parks, the restoration of environmentally damaged sites and the preservation of important cultural landscapes at the local, regional and national scale.

Collaboration with other disciplines concerned with the built environment, including architects, engineers, ecologists, urban foresters, and planners, is a common occurrence. Landscape Architects play an important role in the solving of environmental problems and building communities. These community and regional scaled efforts require the participation of many voices to achieve workable and resilient solutions. As experts in the reconciliation of human settlement and the natural world, Landscape Architects serve as important advocates for both people and nature.

The goal of the landscape architecture program is to nurture responsible citizens to address the complexity of world issues that face our discipline through creative and transformational design. Students will:

- Achieve academic excellence so qualities of intellectual curiosity, open communication, personal responsibility, collegiality, and the skills to work individually and with others are held to rigorously high standards.
- Receive the educational foundation for a professional career instilled with insightful design and planning ability, key technical skills, ethical judgment, and an ever-enhancing understanding of landscape architecture.
- Be grounded in a broad base of knowledge within the curriculum, emphasizing connections among subjects that relate to and inform landscape architecture, thereby enabling investigation and problem-solving on all scales in a creative manner.

General

The accredited Landscape Architecture Program is a four-year course of study that has been subdivided into a one-year foundation (d.ONE: Common First Year) and a three-year professional degree. Students receive a professional bachelor of landscape architecture (BLA) at the end of the fourth year. At the end of the d.ONE, students are required to apply for admission into the professional segment of the curriculum. This review involves an evaluation of the student's academic record and a portfolio of their work during d.ONE. The landscape architecture program is accredited by the Landscape Architectural Accreditation Board (LAAB).

Students are required to take an array of courses in support of the core studio sequence in addition to the university's general education courses. These courses include material in horticulture, environmental sciences, architecture, planning, and site engineering, in addition to core landscape architecture studios. This curriculum exposes students to various challenges facing the landscape architecture profession, including sustainability, landscape ecology, construction issues, stormwater management, infrastructure, and issues created by urbanism.

d.ONE: The Common First Year

d.ONE engages and prepares students for exciting futures in all design fields within the College of Architecture.

The d.ONE curriculum, offered by the College of Architecture, introduces students to design through courses in three areas: **Technique:** Design Drawing (DSGN 120) and Computer Applications in Design (DSGN 123); **Design Discipline:** An introduction to the related design disciplines and design history; and **Design Practice:** Design Thinking (DSGN 110)and Design Making (DSGN 111).

In addition, students take University courses in math, English, communications, and a general education elective. DSGN 110 and DSGN 111 are sequential hands-on courses where students learn to work in teams to address problems and promote innovation. At the same time, they learn the foundational skills in composition, craft, presentation, and idea generation necessary for all design fields.

At the end of d.ONE, students have gained an understanding of the broad range of design and are eligible to apply to any of the design programs in the College: architecture, landscape architecture, and interior design.

College Requirements

College Admission

Admission to the College of Architecture

Students accepted by the University of Nebraska–Lincoln must also seek enrollment into the College of Architecture by marking the proper major code on the University application form.

Freshmen and transfer students applying for admission to the architectural studies, interior design, and landscape architecture programs must submit complete admission application materials by May 1 for fall admission and December 1 for spring admission. These admission procedures apply to high school students seeking admission, as well as transfer students, international students, and also those transferring from the University of Nebraska Omaha and the University of Nebraska at Kearney to the University of Nebraska–Lincoln.

High School Standards Architectural Studies, Interior Design, and Landscape Architecture Programs

Prospective students interested in the professional programs in the College of Architecture are eligible to apply for admission into the architectural studies, interior design, and landscape architecture majors if their high school records meet the following standards:

1. Mathematics—4 units of Algebra I, II, geometry, and one-half unit of trigonometry, one-half unit that builds on a knowledge of algebra or pre-calculus.
2. English—4 units of intensive reading and writing.
3. Social Studies—3 units. At least one unit of American and/or world history and one additional unit of history, American government, and/or geography.
4. Natural Science—3 units. At least two of the three units selected from biology, chemistry, physics, and earth sciences. One of the units must include a laboratory.
5. Foreign Language—2 units.

General Admission Requirements for the College of Architecture
In addition to the high school admission requirements, the College of Architecture has established the following general admission requirements for all undergraduate students.

New freshman students must:
- Graduate in the upper quartile of their high school class, or
- Have a high school GPA of 3.2 or higher, or
- Have an enhanced ACT composite score of 22, or
- Have a combined SAT verbal and math total of at least 1110 enhanced, or
- Receive permission from the program director with a waiver from the above requirements.

New international freshman students must:
- Meet the University of Nebraska–Lincoln entrance requirements for new international freshman students.
- Have a MELAB score of at least 80, or a minimum TOEFL score of 550, or computer-based score of 213, or Internet-based score of 79-80, or an IELTS of 6.5.

New transfer students must:
- Have a minimum 3.0 cumulative GPA for architectural studies, landscape architecture, and interior design and be in good scholastic standing.

NOTE: New transfer students must comply with new freshman student entrance requirements if they have completed less than 12 credit hours of college study.

New international transfer students must:
- Meet the University of Nebraska–Lincoln entrance requirements for international transfer students.
- Have a MELAB score of at least 80, or a minimum TOEFL score of 550, or computer-based score of 213, or Internet-based score of 79-80, or an IELTS of 6.5.
- Have a minimum 3.0 cumulative GPA and be in good scholastic standing.

Students who transfer into the College of Architecture from other colleges at UNL must:
- Have a minimum 3.0 cumulative GPA for architectural studies, landscape architecture, and interior design and be in good scholastic standing. Students transferring from UNO and UNK are included in the new transfer student category.

NOTE: New transfer students must comply with new freshman student entrance requirements if they have completed less than 12 credit hours of college study.

Readmission
Students who apply for readmission to the College of Architecture must have a minimum 3.0 cumulative GPA for architectural studies, landscape architecture, and interior design, be in good scholastic standing and receive permission from the dean of the College.

Former students who withdraw after being admitted to the College, or who have been academically suspended and wish to be readmitted, must: a) be readmitted to the College in good scholastic standing and b) be in good scholastic standing in accordance with the program standards and receive permission from the program director. Applicants for readmission will compete for spaces available with all other admission applicants.

College Degree Requirements
Minimum Hours Required for Graduation
Bachelor of Science in Design (BSD-Architecture) – 120 hours

Bachelor of Science in Design (BSD-Interior Design) – 120 hours

Bachelor of Landscape Architecture (BLA) – 120 hours

Grading Appeals
A student wishing to appeal a grade should contact his or her professor for clarification first before an appeal can be filed. If the dispute cannot be resolved with the instructor it is recommended that the student meets with their advisor to get clarification on the appeals process. Appeals are only considered where it can be demonstrated that prejudice or capricious treatment influenced the grade received by the student.

Having exhausted these avenues, a student may then choose to make a formal appeal. The appeal is in the form of a written statement from the student to the program director. The director will then forward the letter to the Faculty Affairs Committee. The deadline for filing a grade appeal (which includes a written statement from the student) is 30 calendar days after the first day of classes of the next regular semester (fall or spring). Appeals filed after the deadline will not be heard.

Incomplete Grades
Incompletes for students in the pre-professional program shall be granted only for reasons outlined in the policy statement adopted by the University Senate. See the Office of the University Registrar's website (https://registrar.unl.edu) for the complete text.

Incompletes given to students in the professional programs are granted at the discretion of the faculty awarding the grade. The faculty and student together must file an incomplete form in the Student Success office to register the anticipated completion date and the grade that will be registered if the work is not completed by that time.

Students will be allowed a maximum of two weeks to remove incompletes from courses that are prerequisites to classes in which they are currently enrolled, or they will be administratively dropped from those courses.

Scholastic Standing
The following scholastic standards have been established to maintain the level of quality for students enrolled in the College of Architecture programs:

First Year – Architectural Studies, Landscape Architecture, and Interior Design
Students in the first year (d.ONE) are required to maintain both a semester and cumulative grade point average at or above 2.0. Students who fail to meet this standard are placed on academic warning and will not be permitted to take any new architectural studies, design, interior design, or landscape architecture courses without the permission of the program director.

Second, Third, and Fourth Year – Architectural Studies
Students in the second, third, and fourth years of the architectural studies program are required to maintain both a semester and cumulative grade point average of 2.6 to remain in good academic standing. The architectural studies program also requires that students earn a grade of a C or higher in all required courses. Students who fail to meet this standard are placed on academic warning and will not be permitted to

take any new architectural studies courses without the permission of the program director.

Second, Third, and Fourth Year – Interior Design and Landscape Architecture
Students in the second year are required to maintain both a semester and cumulative grade point average of 2.6. Students in the third and fourth year of the BSD and BLA programs are required to maintain a 2.6 cumulative grade point average to remain in good academic standing. The program also requires that students earn a grade of a C or higher in all required courses. The program places students who fail to meet this standard on academic warning.

Master of Architecture
Students in the M.Arch program are required to maintain a semester grade point average of 3.0 to remain in good academic standing. The program places students who fail to meet this standard on academic warning.

Grade Rules
Students must earn at least a C (2.0) in all courses with an ARCH, DSGN, IDES, or LARC prefix to earn credit toward their degree. Students will be required to retake all required core courses with a grade of C- or below, but will not be required to repeat courses that were taken as electives.

Removal of Grades C- or Below
A student receiving a grade of C- or below for an overall course grade may remove that grade by retaking the same course again and receiving a higher grade at UNL, UNO, or UNK. The higher grade will be used to compute the student's cumulative grade point average, but all grades appear on the student's transcript. Students who choose to retake a course at an institution outside of the University of Nebraska system may count the course toward their degree requirement, but the grade will not replace the University of Nebraska–Lincoln grade from the student's transcript.

The Pass/No Pass option cannot be used to remove these grades from the grade point average. Please be advised that once a course is no longer taught and no longer offered by the department it is not possible to remove a grade of C- or below through substitution or any other means.

Should a student perform poorly in many courses during a semester it is possible to bankrupt the entire semester's grades. This is a drastic action and should be pursued only after a visit with the student's advisor.

Pass/No Pass Limits
None of the required classes offered in the professional program are offered Pass/No Pass, except DSGN 10. Classes applying toward ACE requirements specified by the College of Architecture may not be taken Pass/No Pass.

A maximum of 12 Pass/No Pass credits from departments outside of the College of Architecture may be taken from the following areas:

- Humanities and social sciences (i.e. open ACE areas where the College does not specify a required course)
- Open electives

Note - DSGN 421, DSGN 422, and/or DSGN 423 may be taken Pass/No Pass for technique, professional, and/or other elective credit and do not count against the 12-credit hour Pass/No Pass limit.

Transfer Credit Rules
Transfer credit is evaluated at the College level for general coursework and at the Program level for technical, professional, and non-accredited credits.

College Evaluation of Transfer Credit
First-time students transferring to the College of Architecture from a similar accredited professional degree program will be evaluated on the basis of the current undergraduate catalog in effect at the time the student enrolls in the College of Architecture.

Confirmation procedure:
1. It is the student's responsibility to initiate this task.
2. The student procedure is to seek review of appropriate materials from the Student Success office.
3. A "portfolio review" will determine confirmation of credit. This review will be done by the appropriate faculty member or committee.

Evaluation of General Education Credits
Transfer students who have formally applied for admission will have their academic credits evaluated by the Office of the University Registrar and the College of Architecture. The College will evaluate all hours submitted on an admission application but reserves the right to reject any of these credits.

Program Evaluation of Professional Credit
All professional credits earned at another university to be applied toward the master of architecture degree must be approved by the Professional Program Committee in cooperation with the program director. At least 50 percent of the required coursework for the professional degree must be completed at the University of Nebraska–Lincoln, with the exception of those students who are applying to enter the program with a four-year degree from an accredited architecture program. No professional transfer credit will be accepted from a non-accredited architecture program.

Process
The program director will select and identify those courses that are applicable to the professional program in architectural studies, interior design, and landscape architecture programs. The College of Architecture will not accept courses for transfer that are below a 2.0 on a 4-point scale.

Evaluation of Technical and Non-accredited Transfer Credits
Students who desire to transfer credits from technical or non-accredited colleges must have architectural studies, interior design, and landscape architecture credits evaluated by the director and/or appropriate program representatives. Non-architecture credits will be evaluated by the appropriate university department.

Evaluation of Graphics, Design, and Production Drawing Credit
Transfer credit for graphics, basic and architectural studies, landscape architecture, and/or interior design work and production drawings will not be granted until the student's work has been reviewed by the architectural studies, landscape architecture, or interior design program director. Allowable transfer credit in the design, production drawings, and graphics areas, whether the grades presented are C, B, or A, will be determined from this review and the student placed accordingly.

Clarification and Appeal
The student who has questions about or wishes to appeal the initial College evaluation of his or her transfer credit should contact the program office. If the evaluation is not satisfactorily resolved, the student has the right to register an appeal with the Student Affairs Committee

of the architectural studies, landscape architecture, or interior design programs.

Transfer Catalog Year

Students who have transferred from a community college may be eligible to fulfill the requirements as stated in the catalog for an academic year in which they were enrolled at the community college prior to attending the University of Nebraska-Lincoln. This decision shall be made in consultation with the student's College of Architecture academic advising team (e.g., Student Success Center professional advisor and the appropriate faculty Program Director). Eligibility is based on a) enrollment in a community college during the catalog year the student wishes to utilize, b) maintaining continuous enrollment of at least 12 credit hours per semester at the previous institution for at least 2 semesters, and c) continuous enrollment at the University of Nebraska-Lincoln within 1 calendar year from the student's last term at the previous institution. Students must complete all degree requirements from a single catalog year and within the timeframe allowable for that catalog year.

Other College Degree Requirements
Off-Campus Programs

The College of Architecture recognizes the need for some students to pursue their first-year design studies at other institutions. One semester (15 credit hours) of off-campus study should cause minimal delay in students' educational timetables if courses can be selected from the following list and are approved by the College of Architecture. Students are encouraged to coordinate their off-campus architectural studies, landscape architecture, and interior design programs with the College of Architecture.

Recommended Courses

> Calculus (3 hrs)
> English Composition elective (3 hrs)
> Humanities and Social Sciences electives (9 hrs) *See University of Nebraska−Lincoln ACE requirements.*
> Calculus-based Physics (4 hrs) for architectural studies
> or Introduction to Horticulture (3 hrs) for landscape architecture
> Speech (3 hrs)

ACE Requirements
Achievement-Centered Education (ACE)

The University of Nebraska−Lincoln requires all students receive a broad general education as part of their academic experience. This requirement translates into the obligation of all students to fulfill the requirements of the ACE program (http://ace.unl.edu/).

English

Students are expected to take ENGL 150 Writing and Inquiry or ENGL 151 Writing for Change and COMM 286 Business and Professional Communication.

ESL 186 ESL/Academic Reading Skills, ESL 187 ESL/Academic Writing Skills, and ENGL 140 E may not be used to satisfy the freshman English composition requirement.

Credit for ESL 186, ESL 187, and ESL 188 may not apply toward the BSD and BLA degrees.

Mathematics

All students in the College of Architecture are required to receive credit for MATH 104 Applied Calculus. Courses taken as deficiencies to qualify for MATH 104 will not apply as credit toward their degree (i.e. MATH 100A , MATH 101, MATH 101P, MATH 102, MATH 103 and MATH subject area credit at the 100 level or below).

Learning Outcomes

Graduates of landscape architecture will be able to:

1. Apply an intellectually disciplined design thinking process of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and evaluating information gathered from or generated by research, observation, experience, reflection, reasoning, or communication.
2. Apply writing, speaking, group discussions, and representation skills to become an effective communicator of ideas, knowledge, values, and opinions.
3. Apply design theory to give structure and form to an idea in intelligent, innovative, functional, and meaningful ways.
4. Apply principles of ecological and cultural systems to support a sustainable society.
5. Apply skills, knowledge, and methods required to translate design ideas into sustainable landscape architecture solutions.
6. Develop management and business-oriented skills needed to optimize personal career growth and to successfully win, manage, and complete professional commissions.
7. Develop skills which are inherent in the pursuit of higher education and personal enlightenment.

Major Requirements
Specific Major Requirements
Landscape Architecture Curriculum

The landscape architecture curriculum begins with a d.ONE design core. This core introduces students to the fundamentals of design thinking and design making. The d.ONE program is followed by three years of focused landscape architecture instruction leading to a bachelor of landscape architecture. The professional bachelor of landscape architecture degree is the degree accredited by the Landscape Architectural Accreditation Board (LAAB).

The College of Architecture, and all four years of the landscape architecture program, are located in Lincoln.

Landscape Architecture: Common First Year, First Semester		
DSGN 10	College of Architecture Smart Start	0
DSGN 101	Introduction to Design	2
DSGN 110	Design Thinking (ACE 7)	3
DSGN 120	Design Drawing	3
Composition Elective (ACE 1)		3
ENGL 150	Writing and Inquiry	
or ENGL 151	Writing for Change	
ACE 6 Elective		3
Credit Hours Subtotal:		14
Landscape Architecture: Common First Year, Second Semester		
DSGN 111	Design Making	4
DSGN 123	Computer Applications in Design	3
DSGN 140	History of Design (ACE 5)	3
MATH 104	Applied Calculus	3
COMM 286	Business and Professional Communication (ACE 2)	3

Credit Hours Subtotal:		16
Landscape Architecture: Second Year, First Semester		
PLAS 201 / LARC 201 / NRES 201	Dendrology: Study and Identification of Trees and Shrubs	3
LARC 210	Studio I: Landscape Architecture Design Foundations	5
LARC 230	Site Systems I: Materiality in Landscape Architecture	3
LARC 241	History of Landscape Architecture	3
PLAS 131	Plant Science (ACE 4)	3
Credit Hours Subtotal:		17
Landscape Architecture: Second Year, Second Semester		
LARC 211	Studio II: Landscape Architecture Site Design	5
LARC 231	Site Systems II: Site Engineering	3
CRPL 433	GIS in Environmental Design and Planning	3
PLAS 153 / SOIL 153	Soil Resources	4
Credit Hours Subtotal:		15
Landscape Architecture: Third Year, First Semester		
LARC 310	Studio III: Landscape Architecture Advanced Site Design	5
LARC 330	Site Systems III: Landscape Architecture Implementation	3
LARC 380	Internship Preparation	1
LARC 461 / ARCH 461	Urbanism	3
NRES 220	Principles of Ecology	3
Credit Hours Subtotal:		15
Landscape Architecture: Third Year, Second Semester		
LARC 213 / NRES 213 / PLAS 213	Cultivars and Varieties of Woody Plants for Landscapes	3
LARC 311	Design Studio IV: Ecological and Cultural Landscape Systems	5
LARC 480	Professional Practice	3
CRPL 400	Introduction to Planning (ACE 8)	3
Credit Hours Subtotal:		14
Landscape Architecture: Third Year, Summer		
Outside Enrichment Elective		1
LARC 495	Internship	
Credit Hours Subtotal:		1
Landscape Architecture: Fourth Year, First Semester		
DSGN 410	Design Studio: Collaborate	5
LARC 489 / ARCH 489 / IDES 489	Design Research	3
Professional Elective		3

complete 1 from: ANTH 389, ANTH 406, ANTH 435, ANTH 461, ANTH 471, ANTH 473, ANTH 481, ARCH 418, ARCH 481, CRPL 300, CRPL 460, CRPL 471, CRPL 472, CRPL 475, GEOG 109, GEOG 181, GEOG 361, LARC 462, LARC 467, LARC 487, LARC 492, PLAS 200, PLAS 214, PLAS 227, PLAS 319, PLAS 467, SOCI 345, SOCI 346, SOCI 407, SOCI 465

Ecology Elective	3

complete 1 from: AGST 354, NRES 104, NRES 109, NRES 208, NRES 211, NRES 245, NRES 270, NRES 281, NRES 300, NRES 310, NRES 321, NRES 348, NRES 426, NRES 442, NRES 452, NRES 457, NRES 459, NRES 468, NRES 487, PLAS 469, SOIL 269

Credit Hours Subtotal:		14
Landscape Architecture: Fourth Year, Second Semester		
LARC 411	Design Studio VI: Advanced Design in Landscape Architecture (ACE 10)	5
Professional Elective (see above list)		3
ACE 9 Elective		3
Elective		3
Credit Hours Subtotal:		14
Total Credit Hours		**120**

Additional Major Requirements
Grade Rules
C- and D Grades
Students must earn at least a C (2.0) in all courses with an ARCH, DSGN, IDES, or LARC prefix to earn credit toward their degree. Students will be required to retake all core required courses with a grade of C- or below, but will not be required to repeat courses that were taken as electives.

Pass/No Pass
None of the required classes offered in the professional program are offered Pass/No Pass, except DSGN 10. Classes applying toward ACE requirements specified by the College of Architecture may not be taken Pass/No Pass.

A maximum of 12 Pass/No Pass credits from departments outside of the College of Architecture may be taken from the following areas:

- Humanities and social sciences (i.e. open ACE areas where the College does not specify a required course)
- Open electives

Note - DSGN 421, DSGN 422, and/or DSGN 423 may be taken Pass/No Pass for technique, professional, and/or other elective credit and do not count against the 12-credit hour Pass/No Pass limit.

GPA Requirements
First Year – Landscape Architecture
Students in the first year (d.ONE) are required to maintain both a semester and cumulative grade point average at or above 2.0. The College places students who fail to meet these standards on academic warning.

Second, Third, and Fourth Year – Landscape Architecture
Students in the second year are required to maintain both a semester and a cumulative grade point average of 2.6. Students in the third and fourth year of the BLA program are required to maintain a 2.6 cumulative grade

point average to remain in good academic standing. The program places students who fail to meet this standard on academic warning.

Requirements for Minor Offered by Department
Minors
The landscape architecture minor is administered through the College of Architecture's Landscape Architecture Program.

The minor in landscape architecture is designed to introduce the content and contributions of the field to students outside the professional program. The minor is an eighteen-hour curriculum that includes nine credit hours of core courses and nine credit hours of elective courses. The core nine credit hour curriculum introduces basic knowledge in design thinking, the history of landscape architecture and urbanism. The elective courses include courses that explore different trajectories within the area of landscape architecture including cultural landscapes, representation, social justice, plant and ecology, and urbanism.

The minor is open to all University of Nebraska–Lincoln students.

Required Courses

DSGN 110	Design Thinking	3
LARC 241	History of Landscape Architecture	3
LARC 461 / ARCH 461	Urbanism	3
Credit Hours Subtotal:		9
Elective Courses		
Select 9 credits of the following:		9
CRPL 433	GIS in Environmental Design and Planning	
LARC 462	Urbanism and the Catalysts of Change	
LARC 467 / ARCH 467 / PLAS 467	Planting Design	
LARC 492	Selected Topics in Landscape Architecture	
Credit Hours Subtotal:		9
Total Credit Hours		**18**

Grade Rules
C- and D Grades
A minimum C grade is required.

Pass/No Pass
No courses may be taken Pass/No Pass.

LARC 200 Landscape and Environmental Appreciation
Crosslisted with: GEOG 200, PLAS 200
Description: Values and processes in human landscapes and natural environments. Concepts and tools to understand the context of local and global environments and significant historical landscapes. Landscape as an indicator of aesthetic quality, design principles and processes as integrators of humans and nature, and the garden as a model for creating sustainable landscapes.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
ACE: ACE 7 Arts ACE 9 Global/Diversity

LARC 201 Dendrology: Study and Identification of Trees and Shrubs
Crosslisted with: NRES 201, PLAS 201
Description: An introduction to the naming, identification, and natural history of woody trees and shrubs in North American with emphasis on trees common to Nebraska. Covers morphology, natural site conditions, wildlife and human uses of woody trees and shrubs.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
Offered: FALL
Course and Laboratory Fee: $10

LARC 210 Studio I: Landscape Architecture Design Foundations
Prerequisites: Admission into the Professional Program
Description: Introductory design studio exploring design principles central to landscape architecture. Three interrelated aspects of design are pursued: 1) the elements of composition and their formal and spatial manipulation, 2) meanings conveyed by formal choices and transformations and 3) response to cultural and environmental forces in the landscape.
Credit Hours: 5
Max credits per semester: 5
Max credits per degree: 5
Grading Option: Graded
Offered: FALL

LARC 211 Studio II: Landscape Architecture Site Design
Prerequisites: LARC 210
Description: Design studio that applies theoretical, analytical, conceptual, design, and communication skills in landscape architecture. Applied problem types at various scales, emphasize procedures and skills needed for the translation of research, site analysis, programming and conceptual ideas, from two dimensional media to physical design of three-dimensional form. Emphasis is on the development of critical thinking, spatial literacy, and design process skills.
Credit Hours: 5
Max credits per semester: 5
Max credits per degree: 5
Grading Option: Graded
Offered: SPRING

LARC 212 Woody Plants for Landscapes: Identification, Management, and Use
Crosslisted with: PLAS 212, NRES 212
Description: Identification, basic management and design uses of trees and shrubs for sustainable landscapes, with an emphasis on native plants and plants adapted to the Plains states. Emphasis is on live specimens in outdoor environments, supported by online resources.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
Offered: FALL

LARC 213 Cultivars and Varieties of Woody Plants for Landscapes
Crosslisted with: PLAS 213, NRES 213
Description: Characteristics of commercially available trees and shrubs used in urban landscapes. Compares differences among cultivars, design uses, and management issues using a combination of live specimens in outdoor environments and online resources.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
Offered: SPRING

LARC 230 Site Systems I: Materiality in Landscape Architecture
Prerequisites: Admission to the College of Architecture
Description: Relationship between design and implementation through construction processes, detailing as an extension of design, landscape architectural materials, basic structural theory, detailing and structures, and technical specifications as a means of ensuring design intent.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Prerequisite for: LARC 231

LARC 231 Site Systems II: Site Engineering
Prerequisites: LARC 230
Notes: Letter Grade Only
Description: Investigation and application of landscape architectural design analysis, process and technology to aesthetic/functional landform manipulation, earthwork estimation, and stormwater management.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Prerequisite for: LARC 330

LARC 241 History of Landscape Architecture
Prerequisites: Sophomore standing and permission.
Description: Survey of the development of landscape design from pre-history to the present day.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
ACE: ACE 5 Humanities

LARC 310 Studio III: Landscape Architecture Advanced Site Design
Prerequisites: LARC 211
Description: Intermediate studio focused on the integrated relationship between landscape architecture and architecture. Projects focus on development of the land, integrating ecological and social systems at various scales.
Credit Hours: 5
Max credits per semester: 5
Max credits per degree: 5
Grading Option: Graded
Prerequisite for: LARC 311

LARC 311 Design Studio IV: Ecological and Cultural Landscape Systems
Prerequisites: LARC 310
Description: Intermediate design studio. Landscape architecture design projects positioned in relation to ecological and cultural landscape systems. Design projects emerge from both research and critical speculation at both the site and regional scale.
Credit Hours: 5
Max credits per semester: 5
Max credits per degree: 5
Grading Option: Graded
Offered: SPRING
Prerequisite for: DSGN 410; LARC 411

LARC 330 Site Systems III: Landscape Architecture Implementation
Prerequisites: LARC 231
Description: Investigation and application of landscape architectural design analysis, process and technology to landscape utility/circulation systems, structures, site layout, construction observation and implementation.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded

LARC 380 Internship Preparation
Prerequisites: Permission
Description: To provide students with information about career choices in landscape architecture and an appropriate knowledge base and support in the development of materials with which to secure an internship position.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Grading Option: Graded

LARC 392 Selected Topics in Landscape Architecture
Crosslisted with: LARC 492, LARC 592
Prerequisites: Permission.
Description: Group investigation of a topic in landscape architecture.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 12
Grading Option: Graded

LARC 411 Design Studio VI: Advanced Design in Landscape Architecture
Prerequisites: LARC 311
Notes: Letter Grade Only
Description: Critical issues in landscape architecture involving human settlement and the natural environment. Community development or redevelopment projects are used to expand traditional and contemporary theory and practice.
Credit Hours: 5
Max credits per semester: 5
Max credits per degree: 5
Grading Option: Graded
Offered: SPRING
ACE: ACE 10 Integrated Product

LARC 413 Capstone Studio
Prerequisites: Permission
Description: As the culmination of studying Landscape Architecture, students conduct a semester-long design project, initiated by the student and under the supervision and guidance of a faculty mentor.
Credit Hours: 5
Max credits per semester: 5
Max credits per degree: 5
Grading Option: Graded

LARC 417 Product Design
Crosslisted with: ARCH 417, ARCH 617, ARCH 817, IDES 417, IDES 817
Prerequisites: IDES 201, IDES 301 (or DSGN 421, 422 & 423), IDES 416
Description: Generate a design from conception to a finished product that emphasizes the awareness of the human and the environment in the creation of product design solutions.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: SPRING
Course and Laboratory Fee: $100

LARC 453 Urban Soil Properties and Management
Crosslisted with: PLAS 453, SOIL 453
Prerequisites: PLAS/SOIL 153
Description: Characteristics of soils in urban settings. Evaluation of soils intended for intensive human uses and strategies for their use. Identification of specific issues related to urban soils. Manipulation or remediation of soils subject to construction and other stresses.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
Offered: SPRING

LARC 461 Urbanism
Crosslisted with: ARCH 461, ARCH 561, ARCH 861
Prerequisites: LARC/NRES 487; parallel DSGN 410
Notes: Letter grade only.
Description: Issues of contemporary urbanism and the processes of urban design. Experiential nature of cities, role of public policy, ideology, genesis and development of urban form and space.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Prerequisite for: ARCH 562, LARC 462

LARC 462 Urbanism and the Catalysts of Change
Crosslisted with: ARCH 562
Prerequisites: Admission into the graduate portion of the professional program in Architecture or for undergraduate Landscape Architecture students; LARC 461
Description: Exploration into the relationship between the evolution of urbanism and the cultural, economic and scientific advances made by civilization.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: FALL/SPR

LARC 467 Planting Design
Crosslisted with: ARCH 467, ARCH 567, ARCH 867, PLAS 467
Description: Processes, principles, and elements using plant materials as a key component of landscapes designed for human intent. Focus is on a systems approach, combining environmental attributes with functional needs to create aesthetic, functional, and sustainable landscapes for parks, commercial property, and residences using a combination of site visits and online resources.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Grading Option: Graded with Option
Offered: FALL
Course and Laboratory Fee: $25

LARC 470 International Service-Learning Experience
Prerequisites: Permission by instructor
Description: This course is an international service-learning experience. Students study cultural implications of working within communities, and extensive project planning, management, and evaluation. Working with an international partner, teams of students working with faculty plan, design, conduct, and evaluate short- and long-term community projects.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Grading Option: Graded

LARC 480 Professional Practice
Prerequisites: Admission to the Landscape Architecture Program
Description: Orientation to professional practice through a study of the architects' and the contractors' relationships to society, specific clients, their professions, and other collaborators in the environmental design and construction fields. Ethics; professional communication and responsibility; professional organizations; office management; construction management; legal and contractual relationships; professional registration; and owner-architect-contractor relationships.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: FALL

LARC 487 Introduction to Landscape Ecology
Crosslisted with: NRES 487
Prerequisites: PLAS/SOIL 153 and NRES 220.
Notes: PLAS/LARC/GEOG 200, CIVE 353/853/NRES 853, and CRPL 470 recommended.
Description: The history, principles, and concepts of landscape ecology. Use and application of landscape structure, function in the planning, the design, and management of human and natural landscapes.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded

LARC 489 Design Research
Crosslisted with: ARCH 489, ARCH 589, ARCH 889, IDES 489, IDES 889
Prerequisites: Admission to a professional program in the College of Architecture.
Description: Comprehensive overview of the complementary and contributory relationship between research and design, with a particular emphasis on design research as a projective activity.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: FALL

LARC 492 Selected Topics in Landscape Architecture
Crosslisted with: LARC 392, LARC 592
Prerequisites: Permission.
Description: Group investigation of a topic in landscape architecture.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 12
Grading Option: Graded

LARC 495 Internship
Description: Exposure to the landscape architectural profession through professional office experience or project work that polishes old skills and generates new competencies that cannot be duplicated in a traditional university setting.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded