**LANDSCAPE ARCHITECTURE (LA)**

LA Class Schedule ([https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/LA](https://courses.illinois.edu/schedule/DEFAULT/LA))

**Courses**

**LA 101  Introduction to Landscape Arch  credit: 2 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/101](https://courses.illinois.edu/schedule/terms/LA/101))
Introduction to primary concepts and methods of landscape inquiry as a means to understand experiential qualities of landscape and to guide landscape design and planning projects.

**LA 199  Undergraduate Open Seminar  credit: 1 to 5 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/199](https://courses.illinois.edu/schedule/terms/LA/199))
Additional fees may apply. See Class Schedule. May be repeated.

**LA 212  Water and Society  credit: 3 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/212](https://courses.illinois.edu/schedule/terms/LA/212))
A comparative investigation of built landscapes and hydraulic resources through history. Examines problems of water scarcity, abundance and changes in ecology, human social organization, economy, law, and cultural values related to natural water conditions and human management. Comparative case studies include the ancient Near East and modern Middle East, ancient and modern Egypt, the Roman empire, Peru, the Netherlands, South Asia, Illinois River basin, and the American West.
This course satisfies the General Education Criteria for: Humanities - Hist Phil Cultural Studies - Western

**LA 218  S Asian Cultural Landscapes  credit: 3 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/218](https://courses.illinois.edu/schedule/terms/LA/218))
Survey of Hindu, Buddhist, and Islamic landscapes of South Asia. Examines urban structures, building typologies, and open space types through history as influenced by concepts of the natural, sacred, political, and social. Same as ASST 218.
This course satisfies the General Education Criteria for: Humanities - Lit Arts Cultural Studies - Non-West

**LA 220  Exploring African Cities  credit: 3 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/220](https://courses.illinois.edu/schedule/terms/LA/220))
Examines the buildings, landscapes, and societies of pre-colonial, sub-Saharan African cities from the third century BCE until the nineteenth century CE. Same as ANTH 223.
This course satisfies the General Education Criteria for: Humanities - Hist Phil Cultural Studies - Non-West

**LA 221  History of the Prison  credit: 3 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/221](https://courses.illinois.edu/schedule/terms/LA/221))
History of prison architecture, landscapes, and carceral regimes from ancient times until the present. Topics include: philosophy of punishment, the invention of the modern prison, the advent of mass incarceration, and 21st century geographies of incarceration. The course focuses on the western experience, but also includes international examples, e.g. from China, East Africa, and Japan. Interdisciplinary approach includes readings in architectural history, urban planning, sociology, philosophy, psychology, history, and landscape studies. Same as AFRO 221 and HIST 219.
This course satisfies the General Education Criteria for: Humanities - Hist Phil Cultural Studies - Western

**LA 222  Islamic Gardens & Architecture  credit: 3 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/222](https://courses.illinois.edu/schedule/terms/LA/222))
Study of the formation, history, and meaning of the landscape and architecture of the Islamic world. Same as ARCH 222 and ARTH 219.
This course satisfies the General Education Criteria for: Humanities - Hist Phil Cultural Studies - Non-West

**LA 233  Foundation Design Studio  credit: 5 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/233](https://courses.illinois.edu/schedule/terms/LA/233))
Introduction to the fundamentals of design, including studies in two- and three-dimensional abstract and applied problems, basic elements and procedures of design, and principles of landscape composition. Additional fees may apply. See Class Schedule. Open to Landscape Architecture majors only. Prerequisite: Credit or concurrent registration in LA 280 or consent of instructor.

**LA 234  Site Design Studio  credit: 5 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/234](https://courses.illinois.edu/schedule/terms/LA/234))
Site as the fundamental unit of landscape design. Involves ecological, cultural and experiential understanding of sites, and the creation of place-specific designs. Field trip required. Additional fees may apply. See Class Schedule. Prerequisite: LA 233 or consent of instructor.

**LA 241  Landform Design & Construction  credit: 3 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/241](https://courses.illinois.edu/schedule/terms/LA/241))
Introduction to landform design, drainage, stormwater management, surveying, and materials. Prerequisite: MATH 014 or 016.

**LA 242  Nature and American Culture  credit: 3 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/242](https://courses.illinois.edu/schedule/terms/LA/242))
Same as RST 242, and NRES 242. See RST 242.
This course satisfies the General Education Criteria for: Cultural Studies - Western

**LA 250  Environmental Site Analysis  credit: 3 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/250](https://courses.illinois.edu/schedule/terms/LA/250))
Principles and practices of identifying, analyzing, and recording landscape resources. Field trip required. Prerequisite: GEOL 100, 101, 103 or GEOG 103 or consent of instructor.
This course satisfies the General Education Criteria for: Nat Sci Tech - Phys Sciences

**LA 270  Behavioral Factors in Design  credit: 3 Hours.** ([https://courses.illinois.edu/schedule/terms/LA/270](https://courses.illinois.edu/schedule/terms/LA/270))
Introduces the impacts of cultural and social factors, such as age, gender, physical ability, economic status, ethnicity and how people interact with the environment. Reading assignments, short exercises, field trips, and evaluation of space will enable students to evaluate and potentially design more socially and ecologically responsive environments.

Information listed in this catalog is current as of 07/2020
LA 280 Design Communications I  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/LA/280)
Fundamentals of visual communication in the design process and presentation for landscape architecture. Includes freehand and constructed drawing, color, media, and models. Open to Landscape Architecture majors only. Prerequisite: Concurrent registration in LA 233.

LA 281 Design Communications II  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/LA/281)
Advanced principles and techniques of visual communication in landscape architectural rendering, emphasizing computer-based techniques. Open to Landscape Architecture majors only. Prerequisite: Concurrent registration in LA 234; completion of LA 280 and completion of campus Composition I general education requirement or consent of instructor.

LA 301 Senior Honors  credit: 1 to 6 Hours. (https://courses.illinois.edu/schedule/terms/LA/301)
Independent guided study and research in a selected area of landscape architecture; for candidates for honors in landscape architecture. May be repeated to a maximum of 9 hours. Prerequisite: Senior standing in landscape architecture, a university grade-point average of 3.0, and consent of head of department.

LA 314 History of World Landscapes  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/314)
Analysis of the development of landscape architecture as a result of environmental and cultural influences. Same as ARCH 314. This course satisfies the General Education Criteria for: Advanced Composition Humanities - Hist Phil Cultural Studies - Western

LA 315 History of Modern Landscape Arch  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/LA/315)
A selected overview of developments in landscape architecture in the western world from 1900 to the present. Prerequisite: LA 314.

LA 335 Community & Open Space Studio  credit: 5 Hours. (https://courses.illinois.edu/schedule/terms/LA/335)
Development of design solutions at site and master plan scale relative to community, urban and open space problems; emphasizes development of analysis and design techniques to integrate physical context of place with social context. Field trip required. Additional fees may apply. See Class Schedule. Prerequisite: LA 234 or consent of instructor.

LA 336 Design Workshop Studio I  credit: 5 Hours. (https://courses.illinois.edu/schedule/terms/LA/336)
Project design at various scales utilizing problems of a wide range of complexity and subject matter: rural, community, and urban problems, housing, recreation, and natural areas; emphasizes problem analysis and generation of innovative design alternatives. Students select from several sections depending on specific interests. Additional fees may apply. See Class Schedule. Prerequisite: LA 335 or consent of instructor.

LA 342 Site Engineering  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/342)
Principles of site engineering including landform design, stormwater management, site surveying, circulation systems and site utility planning. Prerequisite: LA 241 and college trigonometry, or consent of instructor.

LA 343 Landscape Construction  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/343)
Construction methods, materials, and procedures related to the design of landscape structures; development of design details and cost estimating. Prerequisite: LA 342 or consent of instructor.

LA 345 Professional Internship  credit: 0 to 10 Hours. (https://courses.illinois.edu/schedule/terms/LA/345)
Professionally supervised field experience in design offices and public agencies intended to introduce students to practice. Students work in the department-approved firm or agency of their choice. Seventy five hours of employment is required for each one hour of course credit. Approved for S/U grading only. May be repeated to a maximum of 10 hours. Prerequisite: Upper division undergraduate standing or consent of instructor.

LA 346 Professional Practice  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/LA/346)
Study of the profession of landscape architecture including an introduction to modes of practice, career evolution, organizational theory, office procedures, project management and professional ethics. Field trip required. Additional fees may apply. See Class Schedule. Prerequisite: Junior standing or consent of instructor.

LA 370 Environmental Sustainability  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/LA/370)
Explores the challenges of creating a sustainable world. Examines: a) trends and conditions of the earth’s major ecosystems, b) ways in which our economic system has created levels of consumption that threaten sustainability, c) the extent to which equity and justice contribute to sustainable systems, and d) evidence demonstrating how human creativity and innovation can create a more sustainable world. Same as ENSU 300 and NRES 370.

LA 390 Independent Study  credit: 1 to 6 Hours. (https://courses.illinois.edu/schedule/terms/LA/390)
Supervised independent study, research, or special project in a selected area related to landscape architecture. Additional fees may apply. See Class Schedule. May be repeated to a maximum of 6 hours. Prerequisite: Junior or senior standing; consent of instructor and head of department prior to advance enrollment and registration.

LA 399 Off-Campus Study  credit: 0 to 15 Hours. (https://courses.illinois.edu/schedule/terms/LA/399)
Provides campus credit for off-campus study. Approved for letter and S/U grading. (Summer session, 0 to 6 undergraduate hours). Final determination of appropriate credit is made by a faculty review committee upon completion of the student’s work. Maximum credit, 15 hours (summer session, 6 hours), all of which must be earned within one term. Prerequisite: Junior standing; prior review and approval of the student’s written proposal by a faculty committee and the department head.

LA 427 Amer Vernacular Cultural Land  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/427)
Focuses on vernacular structures in the cultural landscape, especially common houses, barns, and commercial and industrial structures; examines origin and geographical diffusion of vernacular architecture in the United States. 4 undergraduate hours. 4 graduate hours.

LA 430 Children and Nature  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/LA/430)
Same as HORT 430. See HORT 430.

LA 437 Regional Design Studio  credit: 5 Hours. (https://courses.illinois.edu/schedule/terms/LA/437)
Ecological design and planning studio emphasizing team approaches to design development and evaluation using current human and environmental research results. Projects require field work, analysis, problem-solving, and advanced design and presentation products. 5 undergraduate hours. 5 graduate hours. Prerequisite: LA 336 or consent of instructor.
LA 438  Design Workshop Studio II  credit: 3 to 6 Hours. (https://courses.illinois.edu/schedule/terms/LA/438)
Project design at various scales utilizing problems of a wide range of complexity and subject matter; rural, community, and urban problems, housing, recreation, and natural areas; and emphasizes problem analysis and generation of innovative design alternatives. The student selects from several sections depending on specific interests. Additional fees may apply. See Class Schedule. 5 undergraduate hours. 3 to 6 graduate hours. May be repeated. Prerequisite: LA 336 or consent of instructor.

LA 441  Land Resource Evaluation  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/441)
Examines concepts for the value of land, land resource problems and policy responses, methods for evaluating land resource development and policy alternatives, and case studies of land resource evaluation. Same as UP 441. 4 undergraduate hours. 4 graduate hours. Prerequisite: Graduate standing or consent of instructor.

LA 446  Sustainable Planning Seminar  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/446)
Examines sustainability issues of concern to planners, such as resource conservation, urban growth, environmental justice, industrial development, social equity, sustainable agriculture, and economic development. Presents holistic approaches ranging from theoretical concepts to detailed case studies that combine urban and regional land use, physical design, and policymaking. Same as GEOG 446, NRES 446, and UP 446. 4 undergraduate hours. 4 graduate hours.

LA 450  Ecology for Land Restoration  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/450)
Ecological implications of alternative land use patterns; equipment, field techniques, and nomenclature in current use by environmental consultants; and elements of a baseline ecosystem study. 4 undergraduate hours. 4 graduate hours. Prerequisite: Consent of instructor.

LA 452  Natural Precedent in Planting  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/LA/452)
Biogeography; identification of native species, uses of native plants in the landscape; and restoration and planting design projects. Field trips required. 3 undergraduate hours. 3 graduate hours. Additional fees may apply. See Class Schedule. Prerequisite: HORT 302 or consent of instructor.

LA 453  Cultural Precedent in Planting  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/LA/453)
Planting design issues; historic precedent and contemporary comprehensive design projects; management practices; technical documents; and plant use and identification. Field trips required. 3 undergraduate hours. 3 graduate hours. Prerequisite: LA 452.

LA 454  Landscape Archaeology  credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/454)
Same as ANTH 453. See ANTH 453.

LA 460  Heritage Management  credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/460)
Same as ANTH 460 and RST 459. See ANTH 460.

LA 466  Energy & the Built Environment  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/466)
Focuses on the study of buildings, including their past and present uses, their place in the environment, and most importantly, how they can become more sustainable. Teaches students to think about and plan physical space from an energy-and climate-centric perspective. Uses climate mitigation and building energy systems-modeling techniques to analyze potential energy systems reductions and approaches to affect a building’s carbon footprint. Same as UP 466. 4 undergraduate hours. 4 graduate hours.

LA 470  Social/Cultural Design Issues  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/LA/470)
Critical discussion of notions and theories pertaining to the reciprocal effects of landscape architectural design and human behavior. 3 undergraduate hours. 3 graduate hours.

LA 472  Museum Theory and Practice  credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/472)
Same as ANTH 462 and ARTH 462. See ANTH 462.

LA 480  Sustainable Design Principles  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/LA/480)
Introduction to key concepts for the sustainable design of buildings and landscapes, including concepts that form the core of the U.S Green Building Council rating system (LEED). Introduction to LEED accreditation. Same as UP 480. 2 undergraduate hours. 2 graduate hours.

LA 482  Advanced Communication in Urban Design  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/482)
This intensive, advanced, representation course teaches the use of software and workflow procedures used to design urban settings, visualize design ideas for 21st-century urbanism, and communicate ideas about urban design to professionals and non-experts. Students will gain advanced skills for creating three-dimensional representation of urban designs. 4 undergraduate hours. 4 graduate hours. Prerequisite: Students should have skills at intermediate level representation and have the equivalent skills and knowledge of the material in LA 280 and LA 281. Concurrent enrollment in either LA 438 - Design Workshop Studio II or LA 538 - Urban Design Research Studio. Students must have at least Senior standing.

LA 501  Landscape Arch Theory & Prac  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/LA/501)
Seminar to introduce the discipline, profession, and practice of landscape architecture. Emphasis is on understanding the skills and knowledge base of the profession including environmental, social, and historical factors in design.

LA 505  Methods in Arch & LA History  credit: 2 to 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/505)
Seminar on the historiography of architectural and landscape history, including an introduction to the major concepts and figures in the discipline, past and present. Students will learn of approaches historians have used for analyzing the built environment from traditional methods to newer interpretive frameworks, and examine how contemporary values determine or inform the writing of history.

LA 506  Landscape and Vision  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/LA/506)
A study of the major 20th-century texts on vision, perception, and perspective as applied to architecture and landscape. Prerequisite: Doctoral students only; master’s level students must receive permission from instructor.
LA 513  History of World Landscapes  credit: 4 Hours. ([courses.illinois.edu/schedule/terms/LA/513](https://courses.illinois.edu/schedule/terms/LA/513))
Introduction to the landscape architectural heritage of the past in its social, environmental and historical context. Same as ARCH 510.

LA 515  Hist & Thry of Modrn Land Arch  credit: 4 Hours. ([courses.illinois.edu/schedule/terms/LA/515](https://courses.illinois.edu/schedule/terms/LA/515))
A selected overview of developments in landscape architecture in the western world from 1900 to the present. Prerequisite: LA 513 or approval of instructor.

LA 535  Local Policy & Immigration  credit: 4 Hours. ([courses.illinois.edu/schedule/terms/LA/535](https://courses.illinois.edu/schedule/terms/LA/535))
Same as UP 535 and SOCW 535. See UP 535.

LA 537  Landscape Plan & Design Studio  credit: 5 Hours. ([courses.illinois.edu/schedule/terms/LA/537](https://courses.illinois.edu/schedule/terms/LA/537))
Ecological design and planning studio emphasizing design that reflects evaluation and integration of human and environmental research results. Detailed investigation of design options. Additional fees may apply. See Class Schedule. Prerequisite: LA 441 and LA 450, or consent of instructor.

LA 538  Urban Design Research Studio  credit: 5 Hours. ([courses.illinois.edu/schedule/terms/LA/538](https://courses.illinois.edu/schedule/terms/LA/538))
This advanced studio broadens and strengthens students' understanding of urban design research methods and prepares students to conduct independent urban design work. Students learn research strategies and methods and examine research precedents and texts during the first portion of the course. In the second portion, students develop and carry out individual research design proposals. The semester ends with formal presentations of the findings from the design research projects. 5 graduate hours. No professional credit. Prerequisite: Concurrent enrollment in LA 482: Contemporary Representation in Urban Design required.

LA 562  Social Construction of Space  credit: 4 Hours. ([courses.illinois.edu/schedule/terms/LA/562](https://courses.illinois.edu/schedule/terms/LA/562))
Same as ANTH 557. See ANTH 557.

LA 563  Soc/Beh Research Designed Env  credit: 4 Hours. ([courses.illinois.edu/schedule/terms/LA/563](https://courses.illinois.edu/schedule/terms/LA/563))
Same as ARCH 563. See ARCH 563.

LA 570  Landscapes and Human Health  credit: 3 Hours. ([courses.illinois.edu/schedule/terms/LA/570](https://courses.illinois.edu/schedule/terms/LA/570))
We will explore the challenge of, and science behind, creating healthy, sustainable places. We will engage this topic by learning about four mechanisms through which places impact health. We will examine the empirical evidence in support of each of these mechanisms. Learning in this course grows from a series of readings, active participation in class discussion, and the development of a review paper or a research proposal. Same as CHLH 580 and GEOG 561. 3 graduate hours. No professional credit. Prerequisite: Graduate student standing.

LA 587  Graduate Seminar  credit: 1 to 4 Hours. ([courses.illinois.edu/schedule/terms/LA/587](https://courses.illinois.edu/schedule/terms/LA/587))
Preparation, presentation, and discussion of research papers on current and future areas of landscape architectural application. May be repeated. Prerequisite: Consent of instructor.

LA 589  Sustainable Urban Design Theory  credit: 4 Hours. ([courses.illinois.edu/schedule/terms/LA/589](https://courses.illinois.edu/schedule/terms/LA/589))
This advanced theory seminar introduces students to key urban design theory literature that draw on a range of disciplines and subjects. This seminar situates urban design at the overlap of architecture, landscape architecture, and urban planning, and examines the historic and contemporary influences of those environmental arts on urban design theory and practice. 4 graduate hours. No professional credit.

LA 590  Directed Research  credit: 1 to 8 Hours. ([courses.illinois.edu/schedule/terms/LA/590](https://courses.illinois.edu/schedule/terms/LA/590))
Nature and scope of projects to be determined by consultation between student and faculty adviser; open to landscape architecture majors as well as those from other disciplines who wish to engage in interdisciplinary work. Additional fees may apply. See Class Schedule. Approved for letter and S/U grading. May be repeated. Prerequisite: Consent of instructor.

LA 592  Urban Design Capstone Studio  credit: 6 Hours. ([courses.illinois.edu/schedule/terms/LA/592](https://courses.illinois.edu/schedule/terms/LA/592))
In this summer studio, students will work closely with their instructor to turn their design research strategies from LA 538 Urban Design Research Studio into solutions customized specifically for their particular site, client, and set of constraints. Students will draw upon previous coursework in theory, design, research, real estate, and representation to produce comprehensive and compelling design solutions and demonstrate how their solutions meet a variety of performance criteria. 6 graduate hours. No professional credit. Prerequisite: LA 538 Urban Design Research Studio. This course is open only to students enrolled in the Masters of Sustainable Urban Design program.

LA 593  Islamic & S Asian Landscapes  credit: 2 or 4 Hours. ([courses.illinois.edu/schedule/terms/LA/593](https://courses.illinois.edu/schedule/terms/LA/593))
Topics in Islamic and South Asian cultural landscape history, including historiography, methodology and recent scholarship. An advanced course that requires disciplinary familiarity with research on the built environment, material culture and visual culture. May be repeated to a maximum of 8 hours per semester; may be repeated to a maximum of 12 total hours.

LA 594  Cultural Heritage  credit: 2 or 4 Hours. ([courses.illinois.edu/schedule/terms/LA/594](https://courses.illinois.edu/schedule/terms/LA/594))
Topics in cultural landscape heritage, conservation planning and design. Investigates theories of landscape, heritage, and their intersections, with readings drawn from anthropology, geography, and landscape studies, as well as applied work on historical landscape conservation, preservation and management. Same as ANTH 594. May be repeated to a maximum of 10 hours per semester; may be repeated to a maximum of 16 total hours. Prerequisite: Concurrent enrollment in LA 438 may be required in the spring semester; check Class Schedule.

LA 597  Research Design & Methods  credit: 3 Hours. ([courses.illinois.edu/schedule/terms/LA/597](https://courses.illinois.edu/schedule/terms/LA/597))
This graduate-level course provides instruction and application of research and scholarly methods for landscape architecture and related fields. Students are introduced to the basic steps of inquiry and development of a thesis/research proposal. Course content includes: problem identification; choosing and articulating a research topic; synthesis of topical/theoretical background from literature; choice of research strategy; design of a plan for investigation; selection of data sources, methods and analysis; proof of concept; feasibility planning; and other necessary components of a successful research proposal. 3 graduate hours. No professional credit. Prerequisite: Second year or post-professional MLA students; graduate students in other majors may enroll with permission of instructor.
LA 598  Master's Project  credit: 0 to 8 Hours. (https://courses.illinois.edu/schedule/terms/LA/598)
Major independent or small-group project synthesizing knowledge from previous coursework. Approved for letter and S/U grading. Prerequisite: Consent of instructor and program adviser.

LA 599  Thesis Research  credit: 0 to 16 Hours. (https://courses.illinois.edu/schedule/terms/LA/599)
Research toward Doctoral or Master's thesis. 0 to 16 graduate hours. No professional credit. Approved for S/U grading only. May be repeated in separate semesters to a maximum of 10 hours for MLA and a maximum of 32 hours for PhD. Prerequisite: Graduate standing in landscape architecture.