

**FALL 2021
UNDERGRADUATE COURSES**

**DEPARTMENT OF
PLANNING & LANDSCAPE
ARCHITECTURE**





LAND ARC 210: Introduction to Landscape Architecture Design

Introduction to the techniques of landscape design, planning, and management through studio exercises. Principles of graphic communication media, and development of practical graphic skills to enhance the professional student's ability to communicate with lay and professional audiences.

Instructor: James Steiner

Tuesday/Thursday 8:50-11:50 AG BULLETIN 103

Requisites: None

Credits: 4

Level: Elementary

Breadth: Sustainability

L&S Credit Type: Counts as LAS credit (L&S)



LAND ARC 250: Survey of Landscape Architecture Design

Principles of landscape and environmental design; incorporates elements of landscape planning and management. Provides background to the ideas and personalities shaping landscape architecture in America.

Instructor: Doug Hadley

8 in-person and 2 online sessions to choose from:

Tuesdays 11:00-11:50, 12:05-12:55, 2:25-3:15, 4:35-5:25, 5:30-6:20

Wednesdays 12:05-12:55 5:30-6:20

Credits: 3

Level: Elementary

Breadth: Humanities

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: Sustainability



LAND ARC 261: Principles of Landscape Architecture Design & Graphics

Basic principles in the design of landscapes to aid the student in developing individual capacities and approaches to designing. Principles of graphic communication media and development of practical graphic skills.

Instructor: Sam Dennis

Monday/Wednesday 11:00-2:45 AG HALL 25F

Requisites: Declared in Landscape Architecture undergraduate program

Credits: 4

Level: Intermediate

L&S Credit Type: Counts as LAS credit (L&S)



LAND ARC 354: Landscape Architectural Technology II

Problems dealing with construction detailing, including roadways, drainage structures, construction materials, cost estimating, specifications and working drawings.

Instructor: Shawn Kelley

LECTURE Tuesday 7:45-8:35am AG HALL 25F

LAB Tuesday/Thursday 8:50-10:50am AG HALL 25F

Requisites: Declared in Landscape Architecture undergraduate program

Credits: 3

Level: Intermediate

L&S Credit Type: Counts as LAS credit (L&S)



LAND ARC 363: Earth Partnership: Restoration Education for Equity & Resilience

Ecological restoration education utilizes the power of place to work towards social justice and sustainability. Work with Native Nations and community partners to apply Earth Partnership's 10-Step process. This process includes historical, cultural, ecological, and social justice components. Learn about assets-based, culturally relevant approaches to working with community partners. Interact with guest speakers and partners to experience firsthand different perspectives on environment, cultural priorities, protocols for interaction, and opportunities for relationship building. Work on community-based stewardship projects and reflect upon your epistemological relationship to land and people as global citizens.

Instructors: Maria Moreno & Cheryl Bauer-Armstrong

Tuesday 2:25-5:25 in-person ROOM PENDING

Requisites: Junior Standing

Credits: 3

Level: Intermediate

Breadth: Humanities, Social Science

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: Sustainability



LAND ARC 375-001 Topic: GeoDesign in the Built & Natural Environment

Geodesign considers questions and methods necessary to solve large, complicated, and significant design problems across a range of geographic scales. This course will introduce methods and GIS concepts as they relate to geodesign problems through interactive lectures and synchronous discussions focused on a series of laboratory exercises using ArcGIS Pro and ArcGIS.

Instructor: Ed Boswell

LECTURE Thursday 12:05-12:55 AG HALL 25F

(choose one lab)

LAB 301 Tuesday 4:00-5:15 AG HALL 25H

LAB 302 Wednesday 8:00-9:15am AG HALL 25H

LAB 303 Thursday 5:00-6:15 AG HALL 25H

Credits: 2



LAND ARC 375-004 Topic: Mindfulness & Restorative Environments

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Instructor: Nathan Larson

Tuesday/Thursday 8:50-11:50 in-person ROOM PENDING

Requisites: None

Credits: 3

Level: Elementary

L&S Credit Type: Counts as LAS credit (L&S)



LAND ARC 375-005 Topic: Plants for Ecological Design*

This course focuses on plants as the basis for ecologically based landscape design in urban and rural settings. It includes lectures, field trips, and lab exercises. We will consider plants contextually, looking at plants in their native habitats to understand the relationships between and among plants and their environment. You will learn to identify the aesthetic, functional, and cultural characteristics of key native plants of Wisconsin's forests, wetlands and grasslands as well as a variety of horticultural species and how to use them together to create beautiful, resilient and high performing outdoor spaces that enhance human health and well-being and provide a number of global ecosystem services.

Instructors: Evelyn Howell & Mary Myers

10-week course September 8-November 14

LECTURE 3:30-4:45 Monday

LAB Thursday 1:20-3:15

Requisites: None

Credits: 2

Level: Elementary

L&S Credit Type: Counts as LAS credit (L&S)

** Substitution for required HORT 263 in the BLA program. For second- and third-year students.*



LAND ARC 460: Advanced Visual Communication in Landscape Architecture

Focuses on the symbolic and representational computer graphics that are essential elements of design communication in landscape architecture. We will also review the strengths and weaknesses of hand and digital media and the use of both when appropriate. Assignments consist of sketchbook, drawing exercises, and visual communication projects. These assignments will cover advanced hand sketching and graphics, computer graphic techniques, including digital photography, advanced digital color theory and rendering, digital image processing, CAD drafting, 2D/3D modeling, image compositing, media formats, and video.

Instructor: Jacob Blue

Monday/Wednesday 5:40-8:40 AG HALL 25j & 25F

Requisites: LAND ARC 261

Credits: 3

Level: Advanced

L&S Credit Type: Counts as LAS credit (L&S)

URB R PL 512: Gentrification & Urban Restructuring

An intensive analysis of the process of gentrification through its historical and spatial development within moments of post-fordist urban restructuring in the United States. Highlights urban theory and methodological questions important to the study of gentrification that are relevant to the fields of urban planning, geography, and sociology. Case study investigation of particular locations will provide examples to test the applicability of the various analytical frameworks presented in the class.

Instructor: Revel Sims

Thursday 2:00-4:30 MUSIC HALL 208

Requisites: Junior Standing

Credits: 3

Level: Advanced

Breadth: Social Science

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: 50% Graduate Coursework Requirement





LAND ARC 550: Professional Practice in Landscape Architecture

Introduction to operational procedures used in professional offices ranging from private landscape architectural design firms to public agencies. Practical experience project organization and management including the preparation of project manuals, legal documents, and construction contracts.

Instructor: Shawn Kelly

LECTURE Monday/Wednesday 2:25-3:25 AG HALL 25F

LAB Monday 3:30-5:25 AG HALL 25J

Requisites: Senior standing and declared in Landscape Architecture undergraduate program

Credits: 3

Level: Advanced

L&S Credit Type: Counts as LAS credit (L&S)

URB R PL 550: Transportation & the Built Environment

Investigation of multi-model transportation, travel behavior, and urban form. Attention to site, neighborhood, regional and global scales. Consideration of public health, environmental, economic, and social equity outcomes

Instructor: Carey McAndrews

Thursday 9:00-11:30 MUSIC HALL 208

Requisites: Senior Standing

Credits: 3

Level: Advanced

Breadth: Social Science

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: Sustainability 50% Graduate Coursework Requirement





LAND ARC 560: Plants & Ecology in Design

Explores the process of plant selection and placement in the landscape. The desired landscape will be ecologically appropriate to the setting, sustainable, functional in response to goals, and aesthetically pleasing. Acquire an awareness and understanding of the physical characteristics of plant materials and a sensitivity to their needs based on past and present. Emphasis on the recognition of the philosophy of planting design as a dynamic and changing spatial art and science, the relationship between environment and plants, application of design composition principles to plant selection and placement, and functional and utilitarian uses of plants; i.e., the opportunities and constraints for plants in the designed landscape.

Instructor: Mary Myers

Wednesday/Friday 8:50-11:50 ONLINE

Requisites: Declared in Landscape Architecture (BLA) and HORT/LAND ARC 263

Credits: 4

Level: Advanced

Breadth: Natural Science

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: Sustainability



LAND ARC 563: Designing Sustainable & Resilient Regions

Exploration of broad scale design issues to develop synthesis and design skills. Uses spatial form and bioregional cultural, ecological and environmental concepts to solve land use and conservation problems. Regional design requires advanced techniques for inventory, analysis, and design to help in understanding complex trends, policy and design impacts, hazard mitigation, design intervention suitability, design guidelines, and systems level design. These techniques help us explore the relationships between regions and sites, especially regional implications of site design decisions and site design impacts on regional characteristics and systems.

Instructor: Being Determined

Friday 9:00-11:30 AG BULLETIN 103

Requisites: LAND ARC 354

Credits: 4

Level: Advanced

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: Sustainability

URB R PL 590 Topic: Building Leadership Competency for Sustainable Impacts

We live in a time of accelerating change that is fraught with new harms, new demands and impacts from and to the environment and society. Leadership and leader development are core to grappling with both near and long-term increasing uncertainty, shortening decision cycles and shifting resource and regulatory environments. In this course you will work to create a road map for your personal arc of leadership development by building an understanding of core leadership skills, participating in leadership engagements, and interacting with leaders from commercial, government and non-governmental sectors. You will learn the high value of learning to lead yourself, how to assess and influence leadership values within different types of organizations, and the need to rapidly and systematically analyze successes and failures in leadership in order to create your own impactful and sustainable leadership style.

Instructor: Jeff Sledge

Tuesday 9:00-11:30 MUSIC HALL 208

Requisites: Juniors, Seniors and Graduate Students

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: 50% Graduate Coursework Requirement



URB R PL 601: Site Planning

Survey of site planning theory and methods; standards for municipal review of site plans and related design proposals. Topics include architecture; vehicle circulation and parking; pedestrian circulation; stormwater management; landscaping; outdoor lighting; and signage. Intended for students without design backgrounds.

Instructor: Jim LaGro

Wednesday 1:00-3:30 MUSIC HALL 208

Requisites: Senior standing & instructor consent or graduate student

Credits: 3

Level: Advanced

Breadth: Humanities, Social Science

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: 50% Graduate Coursework Requirement





LAND ARC 610: Landscape Architecture Seminar

Capstone project proposal development from a regional to site scale. Students make several site visits with clients to gain a better understanding of local conditions and the client's expectations. The final proposal document is grounded in research and includes a literature review, precedent studies, programmatic development, and inventory and analysis mappings that address issues from ecology to public/private partnerships.

Instructor: Eric Schuchardt

Monday/Wednesday 1:20-2:20 AG HALL 25J

Requisites: Senior standing and declared in Landscape Architecture undergraduate program

Credits: 3

Level: Advanced

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: Sustainability



LAND ARC 668: Restoration Ecology

Restoration is an approach to the conservation of native species, plant communities, and ecosystems. It is an interdisciplinary global enterprise practiced by private and public sector professionals and dedicated volunteers of all ages. Covers both the theory and practice of restoration ecology and examine the current opportunities, challenges, and controversies that underlie the field. The goal may be to preserve nature, but restoration is a fundamentally human enterprise-it is accomplished for and by people. Therefore, we cover information from ecology, sociology, and the humanities.

Instructors: Evelyn Howell and David Bart

LECTURE Tuesday/Thursday 1:20-2:10 in-person ROOM PENDING

LAB Thursday 2:25-5:25 AG BULLETIN 103

Requisites: LAND ARC 560 or (LAND ARC 365 prior to Spring 2019)

Credits: 3

Level: Advanced

Breadth: Biological Science

L&S Credit Type: Counts as LAS credit (L&S)

Course Options: Sustainability; 50% Graduate Coursework Requirement



LAND ARC 710: Theories of Landscape Change

Theories of landscape change in the arts and sciences. Contributions of the scientific method and humanistic frameworks to major issues in landscape architecture.

Instructors: Evelyn Howell

This is a modular section that meets September 8-October 24 for seven weeks of instruction

Tuesday/Thursday 9:30-10:45 AG HALL 14

Requisites: Graduate/professional standing

Credits: 2

Course Options: 50% Graduate Coursework Requirement



LAND ARC 720: Critical Inquiry into Landscape Design Expression

Normative design theory as it relates to historical and contemporary aesthetic expression in landscape design. Review of critical theory and meaning associated with a broad landscape architecture typology.

Instructor: Sam Dennis

This is a modular section that meets October 25-December 15 for seven weeks of instruction

Tuesday/Thursday 8:50-11:50 AG HALL 14

Requisites: Graduate/professional standing

Credits: 2

Course Options: 50% Graduate Coursework Requirement



LAND ARC 940: Graduate Seminar

This course is all about establishing a learning community in which we can investigate and share the areas of theory, practice, and methods that underlie our various interest areas. The class is organized around three activities:

1. Individual Project/Research Presentations by all participants whose projects are in various stages of development from brainstorming possible topics to sharing final results;
2. Journal Reviews during which we report on and interpret scholarly articles that relate to the various interests of the participants; and
3. Discussions of Current Events related to our professional interests.

Instructor: David Bart

Monday 1:20-3:15 ROOM PENDING

Requisites: Graduate/professional standing

Credits: 1-2

Course Options: 50% Graduate Coursework Requirement



LAND ARC 940: Graduate Seminar

This course is all about establishing a learning community in which we can investigate and share the areas of theory, practice, and methods that underlie our various interest areas. The class is organized around three activities:

1. Individual Project/Research Presentations by all participants whose projects are in various stages of development from brainstorming possible topics to sharing final results;
2. Journal Reviews during which we report on and interpret scholarly articles that relate to the various interests of the participants; and
3. Discussions of Current Events related to our professional interests.

Instructor: David Bart

Monday 1:20-3:15 Room Pending

Requisites: Graduate/professional standing

Credits: 1-2

Course Options: 50% Graduate Coursework Requirement