Spring COURSES 2023

DEPARTMENT OF PLANNING & LANDSCAPE ARCHITECTURE

UNDERGRADUATE STUDENTS
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 ability to communicate with lay and professional audiences.

Instructor: James Steiner
Offered: Lecture TR 1:20pm-4:20pm
Requisites: none
Credits: 4
LAND ARC 211: Shaping the Built Environment

Urban, suburban, and rural environments intersect with the natural environment in important yet complex ways. Cultural as well as biophysical systems influence the structure and function of these environments at both local and regional scales. Exploration of these relationships by analyzing built environments and simulating future design and planning scenarios offer a transdisciplinary foundation for subsequent coursework.

Instructor: Jennifer Current
Offered: Lecture M 2:30pm-3:45pm
        Discussion W 1:00pm-2:15pm; or W 2:30pm-3:45pm
Requisites: none
Credits: 3
LAND ARC 215: Welcome to your Urban Future

For many, our shared future experience will be urban and interconnected. With increasing urbanization, comes ever-changing pressures on rural and suburban places, and building a sustainable and equitable urban future will require a diversity of people from many disciplines, social backgrounds, and ways of thinking. Introduction to those disciplines and perspectives occurs through three major themes: (1) organization of cities (e.g., transportation, architecture/urban design, utilities, nature in the city), (2) services within cities (e.g., economic, governance, ecological), and (3) dynamics of cities (e.g., incremental changes - or transformations - that could shape urban futures around the globe). Each theme will highlight multiple disciplines, their historical and potential future roles in shaping cities, and their interconnections within urban systems.
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
Offered: Online
Requisites: none
Credits: 3
LAND ARC 260: History of Landscape Architecture

A critical and historical analysis of our design of outdoor space.

Instructor: Doug Hadley
Offered: Online
Requisites: none
Credits: 3
LAND ARC 321: Environment and Behavior Studio – Designing Health Promoting Environments

Design studio with an emphasis on the application of design principles aimed at promoting people's health and wellbeing in the built environment.

Instructor: Sam Dennis
Offered: Lab WF 8:45am-11:45am
Requisites: LAND ARC 261 and DS 221
Credits: 4
LAND ARC 353: Landscape Architectural Technology I

Problems dealing with the comprehension and modification of the earth’s surface including landform design, preparation of grading plans, earthwork calculations.

Instructor: Shawn Kelly
Offered: Lecture M 7:45am-8:35am
        Lab MW 1:20pm-3:20pm
Requisites: Declared in Landscape Architecture BLA
Credits: 3
LAND ARC 361: Wetlands Ecology

Types, origins, settings, and structure of wetlands. Physical, biological, and cultural values, uses and assessments. Physical and biological characteristics and dynamics. Protection, management and restoration.

Instructor: David Bart
Offered: Lecture TR 3:30pm-4:45pm
Requisites: (ZOOLOGY/BIOLOGY 101 and 102), ZOOLOGY/BIOLOGY/BOTANY 152, ZOOLOGY 153, (BIOCORE 381 and 382), BIOLOGY/BOTANY 130, or graduate/professional standing
Credits:3
LAND ARC 375: Special Topics Plants for Ecological Design II

Exploration of special issues or problems in landscape architecture. Topic and faculty vary.

Instructor: Jennifer Current
Offered: Lecture M 8:50am-11:20am
Requisites: BLA Sophomore Status
Credits: 1-4
LAND ARC 375: Special Topics: Mindfulness in Restorative Environments

In this experiential community-based learning course, we will explore the intersection of mindfulness practices and design of restorative environments that support health and well-being in public places, including school gardens, botanical gardens, and campus natural areas, with a focus on sensory engagement and sense of belonging. We will co-design restorative environments through a participatory planning process with our community partners. No prior design experience is required for this course. Please note that we will be spending some class time outside throughout the semester.

Instructor: Nathan Larson
Offered: Lecture F 9:45pm-12:15pm
Requisites: None
Credits: 3
Meets with URB R PL 590 Mindfulness in Restorative Environments
LAND ARC 463/URPL 463: Evolution of American Planning

The nature and cultural significance of contemporary methods for the systematic formulation of public policies for community, metropolitan, and state development through comprehensive planning. Historic roots, recent trends and new directions in American planning concepts, institutions and professional specializations.

Instructor: Kurt Paulsen
Offered: Lecture TR 11:00am-12:15pm
Requisites: Junior Standing
Credits: 3
LAND ARC 511: Geodesign Methods and Applications

Explore and apply methods and technologies used in the geodesign framework that emphasize collaboration among the design professions, the natural and social sciences, and community stakeholders. Exercises will focus on scenarios within the built and natural environment.

Instructor: Ed Boswell
Offered: Lecture W 2:25pm-3:15pm
        Lab W 4:00pm-5:15pm
Requisites: LAND ARC 311, CIV ENGR/EVIR ST/GEOG 377, or graduate/professional standing
Credits: 3
URB R PL 551: Climate Action Planning: Sustainable Transportation

Learn fundamental concepts of climate action planning and sustainable transportation through hands-on collaborations with the University of Wisconsin-Madison Office of Sustainability, Transportation Services, and other partners. Work with real world data to analyze policies, programs, and plans to reduce greenhouse gas emissions from travel, as well as the potential health and well-being co-benefits of sustainable transportation interventions. Analyze further reduction of the campus and community carbon footprints through practice-oriented green fleet management, behavior-based tools to support participation in active travel, modifications to the built environment, and other interventions.

Instructor: Carey McAndrews
Offered: Lecture T 2:15pm-4:45pm
Requisites: Senior standing
Credits: 3
LAND ARC 561: Housing and Urban Design

An application of landscape design principles and problem-solving methods to housing and urban issues with attention to physical site design, land-use controls, and the relationship between housing and associated land uses. The built environment is continuously changing through multiple land development-and redevelopment-decisions. Public policies on housing, transportation, mortgage financing, and taxation, in conjunction with changing demographics and lifestyle preferences, are just some of the factors that influence the evolving structure and function of the built environment. Landscape architects can play important roles--through design, civic engagement, and policy advocacy--in making our cities and suburbs healthier and more sustainable. Studio projects focus on the central city and/or suburbs.

Instructor: Jim LaGro
Offered: Lecture T 12:20pm-1:15pm
        Lab TR 1:20pm-4:20pm
Requisites: LAND ARC 321
Credits: 4
LAND ARC 562: Open Space and Planning Design

Form-giving design of open spaces in urban and rural settings and management for amenity and functional values. Integration of human activity requirements and experiences with physical and natural site features.

Instructor: Eric Schuchardt
Offered: Lecture T 8am-8:50am
        Lab TR 8:55am-11:55am
Requisites: LAND ARC 321 or graduate/professional standing
Credits: 4
URB R PL 590: Special Topics: Mindfulness & Restorative Environments

In this experiential community-based learning course, we will explore the intersection of mindfulness practices and design of restorative environments that support health and well-being in public places, including school gardens, botanical gardens, and campus natural areas, with a focus on sensory engagement and sense of belonging. We will co-design restorative environments through a participatory planning process with our community partners. No prior design experience is required for this course. Please note that we will be spending some class time outside throughout the semester.

Instructor: Nathan Larson
Offered: Lecture F 9:45am-12:15pm
Requisites: Senior Standing
Credits: 3
Meets w/LAND ARC 375 Mindfulness in Restorative Environments
URB R PL 590: Special Topics: Writing for Publication and Professional Practice

Writing for professional practice, writing for publication, writing for advocacy

Instructor: Jim LaGro
Offered: Lecture F 9:00am-11:30am
Requisites: Senior Standing
Credits: 3
LAND ARC 611: Senior Capstone in Landscape Architecture

Problems in landscape design, planning and management. Provides an opportunity for synthesis of the knowledge, skills, and approaches learned in previous course work.

Instructor: Shawn Kelly & Eric Schuchardt
Offered: Lab TR 1:20pm-5:30pm
Requisites: LAND ARC 610
Credits: 4
LAND ARC 651: Plant Community Restoration and management Workshop

Formulation of plant community restoration and management plans; including the preparation of planting plans and working drawings for implementation. Classroom and practical exposure to natural areas management tools, including prescription prairie fire.

Instructor: Evelyn Howell & David Bart
Offered: Lab TR 9:55am-11:50am
Requisites: LAND ARC 211
Credits: 4
LAND ARC 677: Cultural Resource Preservation and Landscape History

Provides an introduction to cultural landscape studies as a corollary to cultural conservation in public folklore, environmental planning, natural and cultural resource management, landscape architecture, and the history of landscape architecture. Includes varied concepts of cultural landscape, key historical and cultural landscape research methodologies, and a range of preservation and conservation types involving cultural landscapes, traditional cultural properties, and intangible and tangible cultural heritage. Observe, research, and write about cultural landscapes, gain an understanding of cultural, historical, and natural dynamics of the (built) environment, and become acquainted with aspects of cultural conservation and landscape preservation nationally and internationally.

Instructor: Sam Dennis
Offered: Lecture MW 4pm-5:15pm
Requisites: Junior standing
Credits: 3
LAND ARC 695: Applications of Geographic information Systems in Natural Resources

Course has four components: 1) Detailed review of GIS concepts; 2) Case studies; 3) GIS implementation methods; 4) Laboratory to provide "hands-on" GIS experience.

Instructor: Ed Boswell
Offered: Lecture MW 9:55am-10:45am
         Lab W 11:00am-1:00pm; M 1:20pm-3:20pm; or Online
Requisites: LAND ARC 211 or GEOG/CIV ENGR/ENVIR ST 377 or graduate/professional standing
Credits: 3