Spring COURSES 2023

DEPARTMENT OF PLANNING & LANDSCAPE ARCHITECTURE

GRADUATE STUDENTS
LAND ARC 375: Special Topics: Mindfulness in Restorative Environments

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

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
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
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 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
LAND ARC 740: Research in Landscape Architecture

Overview of research: Logic and language of the process, substantive issues, criticism of research literature, developments of detailed proposals.

Instructor: David Bart
Offered: Lecture TR 12:30pm-1:45pm
Requisites: Graduate/professional standing
Credits: 3
URB R PL 781: Planning Thought & Practice

Intensive analysis of selected planning cases highlighting important issues that planners deal with in practice. Examine case studies in the context of broader framework of planning history, decision making process models and planner role models. Explore subnational planning and regional development issues in developing countries.

Instructor: Revel Sims
Offered: Lecture R 12:45pm-3:15pm
Requisites: Graduate/professional standing
Credits: 3
URB R PL 791: Visual Communication for Planners

Visual communication in planning addresses the communication of plans - specifically in the form of site plans, master plans, comprehensive plans, illustrative design codes, cartography, analyses maps, among other. Provides a planning and design graphics foundation to help realize the procedures in communication and information management within today's interdisciplinary planning process. Develop skills in graphic communication from techniques currently used in the planning, architecture, engineering, landscape architecture and urban design fields and review several digital graphic representation programs as a means of developing a planning graphics toolkit.

Instructor: Hanbing Liang
Offered: Lab F 9:00am-11:50am
Requisites: Graduate/professional standing
Credits: 3
URB R PL 833: Planning & the Legal System

An examination of how the legal system influences community planning. Overview of the institutional framework for planning and the legal authority for tools used to create healthy and sustainable communities.

Instructor: Brian Ohm
Offered: Lecture TR 9:30am-10:45am
Requisites: Graduate/professional standing
Credits: 3
URB R PL 841: Urban Functions, Spatial Organization & Environmental Form

Influence of social, economic, and political systems, technological innovations, and architectural concepts on the spatial organization and environmental form of cities and urban areas; the adaptability of urban physical structure to developmental change; planned, conceptual organization and form versus unplanned and ecological organization and form.

Instructor: Asli Gocmen
Offered: Lecture T 1:00pm-2:15pm
Lab R 1:00pm-3:30pm
Requisites: Consent of instructor
Credits: 3
URB R PL 844: Housing & Public Policy

Issues and methodological problems encountered in the production, financial, and consumption sectors of housing program design; comparisons with European and Third World country housing and public policy programs.

Instructor: Kurt Paulsen
Offered: Lecture MW 11:00am-12:15pm
Requisites: Consent of instructor
Credits: 3
LAND ARC 866: Seminar: Restoration Ecology in the Midwest

Presentations on topics related to plant community management and restoration.

Instructor: Evelyn Howell
Offered: Lecture W 2:30pm-3:45pm
Requisites: Graduate/professional standing
Credits: 1
URB R PL 932: Seminar-Research Review & Criticism

Individual research, group discussion and workshop covering selected problems relating to the environment and landscape architecture.

Instructor: Ken Genskow
Offered: Seminar M 1:00pm-2:15pm
Requisites: Graduate/professional standing
Credits: 1
Meets with LAND ARC 940 Graduate Seminar
LAND ARC 940: Graduate Seminar

Individual research, group discussion and workshop covering selected problems relating to the environment and landscape architecture.

Instructor: Evelyn Howell
Offered: Seminar M 1:00pm-2:15pm
Requisites: Graduate/professional standing
Credits: 1-2
Meets with URB R PL 932 Seminar-Research Review & Criticism