SPRING COURSES 2022
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
Offered: T/R 8:50am-11:55am OR T/R 1:20pm-4:20pm
Requisites: None
Level: Elementary
Credits: 4
LAND ARC 211: Landscape Inventory & Evaluation Methods

Inventory and evaluation of physical, biological, visual, and cultural site resources to determine their potential for enhancement of human activities and their sensitive to use-impact. Emphasis on information sources, data gathering methods and analysis techniques with projects to develop proficiency

Instructor: Brad Vowels-Katter
Offered: Lecture M 2:30pm-3:45pm
       Lab W 1:00pm-2:15pm OR W 2:30pm-3:45pm
Requisites: None
Level: Intermediate
Breadth: Natural Science
Credits: 4
URB R PL 215: Welcome to Your Urban Future

We live in an increasingly urban world, and we anticipate that 70% of the world's population will live in urban areas by 2050. How can we make the future of urban areas be as bright as possible? The answer begins with YOU. In this class, you will begin to understand what role you play in building thriving, equitable cities and shaping your urban future.

Instructor: Gavin Luter
Offered: M/W 4:00pm-5:15pm
Requisites: None
Breadth: Humanities
Credits: 3
Have you ever wondered why New York's Central Park looks the way it does? Curious about the design of Tenney, Vilas, or other parks in Madison? And what's up with all those plants in the Luries Garden in Chicago's Millennium Park? This lecture course traces the evolution of landscape architectural design in the United States from the earliest town plans and gardens of the Colonial Period right up to the present-day landscapes such as High Line Park (NYC). We focus on the IDEAS that influence landscape design and look for MEANING in gardens, parks, campuses, corporate headquarters, neighborhoods, and cities.

Instructor: Doug Hadley
Offered: Online
Requisites: None
Level: Elementary
Breadth: Humanities
Credits: 3
URB R PL 305: Introduction to the City

Investigates urbanization as a general process, as well as the resulting contemporary physical, social, cultural and political-economic forms of cities. Emphasis will be placed on the history and current forms of spatial and social segregation of cities by race, class, ethnicity, and gender. The myriad ways that cities have addressed the tensions emerging from this history of spatial and social segregation will be highlighted. Further, emphasis will be placed on understanding the experiences of those most-affected by historical and continuing segregation.

Instructor: Sarah Moore
Offered: Lecture T/R 2:30pm-3:45pm
Discussion T 4:00pm-4:50pm; T 5:00pm-5:50pm; W 9:55am-10:45am; W 11:00am-11:50am; 12:05pm-12:55pm; W 1:20pm-2:10pm; R 12:05pm-12:55pm;
OR 1:20pm-2:10pm
Requisites: None
Level: Intermediate
Breadth: Social Science, also counts as Ethnic Studies
Credits: 4
URB R PL 306: The Real Estate Process

Instructor: Barry Perkel & Lauren Lofton
Offered: Lecture T/R 2:25pm-3:15pm OR 11:00am-12:15pm
Discussion R 7:45am-8:35am; W 2:25pm-3:15pm; W 9:55am-10:45pm;
T 6:00pm-6:50pm; W 8:50am-9:40am; OR W 6:00pm-6:50pm

Requisites: None
Credits: 3
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 M/W 1:20pm-3:20pm
Requisites: Declared in Landscape Architecture BLA
Level: Intermediate
Breadth: Natural Science
Credits: 3
LAND ARC 361: Wetlands Ecology

Types, origins, settings, and structures of wetlands. Physical, biological, and cultural values, uses and assessments. Physical and biological characteristics and dynamics. Protection, management and restoration. Field trips, literature review, term paper, and personal observations required.

Instructor: David Bart
Offered: T/R 3:30pm-4:45pm
Requisites: None
Level: Intermediate
Breadth: Biological Science
Credits: 3
URB R PL 373: Introduction to Survey Research

Instructor: Eleanor Powell
Offered: Lecture M/W 9:55am-10:45am
Discussion T 8:50am-9:40am; M 11:00am-11:50am; OR T 12:05pm-12:55pm
Requisites: None
Credits: 3
LAND ARC 375.001/301: Special Topics, 'GeoDesign Methods'

Instructor: Ed Boswell
Offered: W 2:25pm-3:15pm
Requisites: None
Credits: 3
LAND ARC 375.002: Special Topics, 'Plants for Ecological Design Course II'

Instructor: John Harrington
Offered: 5 wks. of instruction 4/4/22-5/6/22
   M 8:50am-11:20am
Credits: 1
Note: For BLA second and third year students

*Substitution for required HORT 263 in the BLA program. For second- and third-year students.
LAND ARC 375.004: Special Topics, 'Mangrove Restoration in Puerto Rico'

Instructor: David Bart & Cheryl Baur-Armstrong
Offered: M 2:25pm-5:25pm
Requisites: None
Credits: 3
Over half of the world’s seven and a half billion population live in urban areas. In the next 30 years, the number living in urban areas is expected increase by 2.5 billion. This growth will have an inevitable impact on our natural resources and the quality of city life. How can we plan, design, and develop urban areas to minimize negative environmental impacts? How do we enhance the sustainability, livability, and resiliency of our cities?

In this course, we will examine the leading environmental design strategies, tools, and policies developed to answer these questions at different scales from neighborhood sites to metropolitan regions around the world.

Instructor: Asli Gocmen
Offered: Lecture T/R 9:55–10:45am + Discussion R 8:50am–9:40am
Requisites: None
Credits: 3
Many sources have documented a steady increase in the occurrence of natural hazards, with significant impacts on individuals and communities. What have we learned from natural disasters such as Hurricane Katrina and Superstorm Sandy? Why do some communities bounce back quicker from disasters than others? What can be done to increase resilience to natural hazards?

In this course, we will explore the theoretical underpinnings for hazard mitigation and disaster recovery, as well as planning approaches, tools, and policies to increase resilience to natural hazards.

Instructor: Asli Gocmen
Offered: T/R 2:30pm–3:45pm
Requisites: None
Credits: 3

ENVT ST 402/GEOG 475: Planning for Resilience to Natural Hazards
URB R PL 420: Urban & Regional Economics

Instructor: Alina Arefeva
Offered: Lecture M/W 1:00pm-2:15pm; M/W 2:30pm-3:45pm; OR M/W 4:00pm-5:15pm
Requisites: None
Credits: 3
URB R PL 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: T/R 11:00am-12:15pm
Requisites: None
Credits: 3
Examines the relationship between cities and the "development" process. Reviews of global scale assessments of urbanization and debates about the production and circulation of knowledge about cities, laying the context for detailed analyses of issues such as the role of the state in the urban development process, new theories of urbanization, postcolonial urbanism, the "politics of sexuality and intimacy" in global cities, urban infrastructures, urban governance, and "new urban frontiers." While many of these issues are long-standing topics of debate in various disciplines and interdisciplinary networks, our interest will be in recent work that addresses new theoretical, methodological, and empirical questions, or else select classics that have had lasting impacts.

Instructor: Kris Olds
Offered: F 9:30am-12:00pm
Requisites: Junior Standing
Credits: 3
URB R PL 520: Community Economic Analysis

Instructor: Steven Deller
Offered: F 9:00am-12:00pm
Requisites: Graduate/professional standing
Credits: 3
This course explores the relationship between urban landscapes and social justice. Landscape architects design public spaces—parks, plazas, urban parklets, and so on—that are sites in which social power is constructed, maintained, and contested. Designed landscapes are created in particular historical contexts and thus express the social relations of power of that time. But landscape meaning continues to change through time, sometimes intentionally and visibly as in the recent BLM protests in Lafayette Square (DC) and at other times in hidden and unacknowledged ways.

Instructor: Sam Dennis
Offered: M/W 4:00pm-5:15pm
Requisites: None
Credits: 3
URB R PL 551: Climate Action Planning, 'Sustainable Transportation'

Instructor: Carey McAndrews
Offered: T 2:15pm-4:45pm
Requisites: Graduate/professional standing
Credits: 3
LAND ARC 561: Housing & 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 1:20pm-2:10pm
        Lab T/R 2:25pm-5:25pm
Requisites: Declared in Landscape Architecture (BLA), LAND ARC 261 & 321
Level: Intermediate
Breadth: Social Science
Credits: 4
LAND ARC 562: Open Space Planning and 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 8:50am-9:40am
          Lab T/R 9:55am-12:55pm
Requisites: LAND ARC 261 & 321 or graduate/professional standing
Level: Advanced
Breadth: Social Science
Credits: 4
LAND ARC 581: Prescribed Fire, 'Ecology and Implementation'

The course provides a background in fire ecology, fire behavior, fire effects, and the prediction of fire behavior for fields of the upper Midwest (wetland, prairie, savanna). The course includes field training with live fire exercises and the efficient use of equipment. Upon successful completion, students will receive a certificate of completion from the National Wildfire Coordinating Group (NWCG).

Instructor: Jeb Barzen
Offered: Lecture T 3:30pm-6:30pm
Requisites: None
Level: Advanced
Credits: 3
URB R PL 590: Contemporary Topics in Urban & Regional Planning, 'Climate Action by Design'

Instructor: Nathan Larson
Offered: T/R 11:00am-12:15pm
Requisites: None
Credits: 3
URB R PL 601: Site Planning

Instructor: Jim LaGro
Offered: W 2:00pm-4:30pm
Requisites: Graduate/professional standing
Credits: 3
URB R PL 617: Community Development

Instructor: Randy Stoecker
Offered: T 2:25pm-5:25pm
Requisites: Graduate/professional standing
Credits: 3
LAND ARC 651: Plant Community Restoration & Management Workshop

This spring our restoration seminar will feature readings, discussions, and presentations on the past, present, and future of restoration ecology in the Midwest. We will begin by discussing excerpts from a recently published book: Ecological Restoration in the Midwest and examining the history and present state of the restorations at the University of Wisconsin Madison Arboretum. We will then follow with sessions organized and led by each participant on additional aspects of the topic.

Instructor: Evelyn Howell
Offered: Lab T/R 8:50am- 11:50am
Requisites: None
Credits: 4
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 M/W 9:55am-10:45am
        Lab W 11:00am-1:00pm (online) OR M 1:20pm-3:20pm
Requisites: LAND ARC 211 or GEOG/CIV ENGR/ENVIR ST 377 or graduate/professional standing
Level: Advanced
Credits: 3
URB R PL 718: Water Resources Management Practicum Planning Seminar II

Instructor: Jessica Conaway & Anita Thompson
Offered: T 7:45am-9:15am
Requisites: Graduate/professional standing
Credits: 2
URB R PL 720: Urban Economics

Instructor: Joseph Walsh
Offered: M/W 11:00am-12:15pm
Requisites: Graduate/professional standing
Credits: 3
Examination of major theories of regional economic development, with special emphasis on the evolution and amelioration of regional economic problems. While broadly defined, these include contemporary issues associated with income growth and distribution, poverty, disaster vulnerability and resiliency, post-industrial transition, multi-functional rural landscapes, and resource dependency. Regional factor markets of land, labor, and capital provide the foundational basis for discussion.

Instructor: Dave Marcouiller
Offered: M/W 12:30pm-1:45pm
Requisites: Graduate/professional standing
Credits: 3
Course Options: 50% Graduate coursework requirement; fulfills Structure and Functions of Cities & Regions Requirement for MS URPL degree
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 T/R 12:30pm-1:45pm
Requisites: Graduate/professional standing
Credits: 3
URB R PL 781: Planning Thought & Practice

Intensive analysis of selected planning subjects that are important for understanding the history and theory of planning practice. The class will approach these subjects through a critical urbanist perspective that embeds the particular subjects of planning in their respective uneven and contested socio-spatial contexts while also emphasizing questions of democratic decision-making, power and representation, and justice in the process and outcomes of planning in order to inform a more reflective practice.

Instructor: Revel Sims
Offered: R 12:45pm-3:15pm
Requisites: Graduate/professional standing
Credits: 3
Course Options: Core course requirement for MS URPL degree; 50% Graduate Coursework Requirement
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 others. 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: Brad Vowels-Katter & Eric Schuchardt
Offered: F 9:00am-11:50am
Requisites: Requisites: Graduate/professional standing
Credits: 3
Course Options: Core course requirement for MS URPL degree; 50% Graduate Coursework Requirement
URB R PL 810: Energy Analysis & Policy Capstone

Instructor: Scott Williams
Offered: W 3:30pm-6:30pm
Requisites: Graduate/professional standing
Credits: 3
URB R PL 830: Land Use Controls

Instructor: Brian Ohm
Offered: T/R 9:30am-10:45am
Requisites: Graduate/professional standing
Credits: 3
An examination for students of planning 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: T/R 9:30am-10:45am
Requisites: Graduate/professional standing
Credits: 3
Course Options: Core course requirement for MS URPL degree; 50% Graduate Coursework Requirement
NOTE: LAW Students register for URB R PL 830
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: M/W 11:00am-12:15pm
Requisites: Graduate/professional standing
Credits: 3
Course Options: 50% Graduate coursework requirement; fulfills Structure and Functions of Cities & Regions Requirement for MS URPL degree
URB R PL 845: Advanced Topics in Public Finance

Instructor: TBA
Offered: M/W 1:00pm-2:15pm
Requisites: Graduate/professional standing
Credits: 1-3
LAND ARC 866: Seminar in Natural Plant Community Restoration & Management, 'Restoration Ecology in the Midwest'

Instructor: Evelyn Howell
Offered: Lecture W 2:30pm-3:45pm
Requisites: None
Credits: 1
Level: Advanced
L&S Credit Type: Counts as LAS credit (L&S)
URB R PL 878: Public Management

Instructor: Tana Johnson
Offered: Lecture R 1:20pm-3:15pm OR R 3:30pm-5:25pm
Requisites: Graduate/professional standing
Credits: 3
URB R PL 955: Practical Research Design & Methods of Empirical Inquiry

Instructor: Alfonso Morales
Offered: M 2:30pm-3:20pm
Requisites: Graduate/professional standing
Credits: 3
URB R PL 990: Research and Thesis
URB R PL 999: Independent Work