



COLLEGE OF ARCHITECTURE, PLANNING
& LANDSCAPE ARCHITECTURE

School of Landscape Architecture & Planning

School of Landscape Architecture and Planning Electives - Spring 2022

Undergraduate - Gen Ed

LAR 150B1 American Design on the Land (Gen Ed Tier I Individuals and Societies) (3) Fully Online, Chorover This course is broad exploration of individuals from diverse backgrounds who have helped shape the American landscape. Examination of original writings, and built environments including cities, parks, gardens, vernacular expressions, and preserves of wild, scenic, and cultural landscapes will provide the framework for discussion about landscape design as a comprehensive art form and dialog between man and nature.

PLG 202 Cities of the World: An International City Planning Perspective (Gen Ed Tier II - Individuals and Societies) (3) Fully Online, Wong More than half of humanity lives in cities. This course surveys international cities to help students understand the world's urban systems, global variations in urban environments, and the diversity in organization and functioning of cities. Using a case study methodology, the class compares and contrasts contemporary paths of urban development. Students gain an introduction to a variety of urban forms and approaches to sustaining the urban environment worldwide.
The class examines the interplay between human activities and land, water, and energy policies that shape the use of urban resources to produce the built environment. Students will be introduced to the tasks and methods of urban planning and consider what determines variations in urban design, land use, transportation, energy use, water consumption, infrastructure plans, economic development, and urban social functions. Students will learn about improving the quality of urban environments by comparing contemporary cities, both industrialized and developing cities.

PLG 211 Equitable Cities: Gender, Sexuality & Race (New General Education Program Offering*) (3) Fully Online, Iroz-Elardo This course engages planning for equitable cities by engaging the historical and contemporary role of urban planning in shaping our cities' built and social environments and the different ways more vulnerable populations experience the city. Thematically, we begin with an introduction to how gender has historically been conceptualized in urban planning; dive into gendered concerns within urban spaces; introduce the concept of intersectionality to understand challenges of those who hold multiple identities; engage the historical and contemporary role of LGBTQ enclaves in community transformation; and end with a unit about regulating sex work in urban spaces.

PLG 256 Sustainable Cities and Societies (New General Education Program Offering*) (3) TuTh 3:30pm - 4:45pm, Modern Lang Rm 350, Stoker Urbanization and cities within the sustainability framework. Global urbanization, social justice, environmental equity, growth management, "the new urbanism." International cases. Web based projects.

Undergraduate

SBE 202 Professional Communication and Presentation (3) TuTh 9:30am - 10:45am Architecture Rm 200 - Dinsmore, Iuliano Iori Fully Online, Iuliano This course explores effective oral communication within the professions of the built environment with the intent of increasing student understanding of and competency in oral communication in preparation for entry into the world of practice.

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SBE 222	History of The Built Environment II (3) Fully Online, Zuniga Teran The study of the history of the built environment provides a general understanding on how human societies have adapted the form of the built environment to their unique cultural, political, economic, and environmental challenges across time. This is the second course out of two courses and they are organized in modules that correspond to different climatic zones. These are: 1. Hot and arid, 2. Hot and humid, 3. Cold and arid, 4. Cold and humid, 5. Temperate and arid, 6. Temperate and humid. This second course includes the last three climate zones (cold and humid, temperate and arid, and temperate and humid).
LAR 241	History and Theory of Landscape Architecture (2) F 10:00am - 12:20pm Saguario Hall Rm 225, Macmillan Johnson This 3-credit course examines landscape architecture from an historic and contemporary perspective as reflected in theory and practice. Through case reviews of built works including significant estates, gardens, urban designs, park systems, corporate landscapes, restored natural sites, heritage sites, waterfront projects, resorts, et al., we will explore the evolution of design ideology and application of theory in the practice of landscape architecture.
RED 301	Introduction to Real Estate (3) W 4:00pm - 6:30pm Architecture Rm 103, Marian This is an introductory course that provides students interested in the property market introduction and exposure to its people, vocabulary, economic forces, regulatory and environmental frameworks, capital markets, and transaction processes. Completion of the course will prepare students well to take state real estate sales licensing courses if they choose to pursue such a pathway.
SBE 301	Introduction to Design Thinking (4) WF 11am - 1:30pm Rm TBD & Flex In-Person, Wong Iori Fully Online, Cederberg This course introduces students to the essential methods of visual communication and ordering systems through a series of interrelated exercises. Techniques such as investigative sketching, freehand drawing, and digital design communication are considered in relation to their potential to reveal the world around us with a heightened sense of awareness. Issues such as place, material, structure and enclosure will be explored empirically and conceptually at a variety of scales and applications. Importantly, this is an interdisciplinary based studio -- students enrolled in this course will have the ability to engage in a variety of different design strategies.

Undergraduate and Graduate

PLG 408/508	Climate Action Planning (3) Tu 10am - 12:30pm Education Rm 432, Keith Cities are on the front-lines of climate change as the built environment is impacted by increasing sea level rise, floods, drought, wildfires and urban heat. This course explores the challenges and opportunities of planning and designing the built environment for climate adaptation and resilience. Urban resilience is the capacity of cities and their interconnected systems to survive, adapt, and thrive no matter what chronic stresses and acute shocks they experience. Students will learn a range of climate impacts on the built environment, examine different planning and design strategies to increase urban resilience, and explore real world case studies of cities planning for urban resilience. Urban resilience will be considered through a variety of planning and design scales -- buildings, landscapes, neighborhoods, cities, and regions. This course emphasizes inclusive planning processes that engage the most vulnerable populations to climate impacts. Guest lectures from researchers and practitioners will also be featured to share their professional experiences in connecting climate science to planning and design efforts.
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RED 401/501	Intro to Real Estate Finance (3) Fully Online 7W1, Bidolli The focus of this course is the analysis of capital formation in commercial real estate and examination of the tools real estate investors use to make investment decisions. The course includes sections on capital sources, investor concerns and hurdles, data sources, investment fundamentals and tools, discounted cash flow modeling, and pre-tax equity distributions for a range of partnerships.
RED 401/501	Intro to Real Estate Finance (3) Tu 9:00am-11:30am Architecture Rm A304X, Marian The focus of this course is the analysis of capital formation in commercial real estate and examination of the tools real estate investors use to make investment decisions. The course includes sections on capital sources, investor concerns and hurdles, data sources, investment fundamentals and tools, discounted cash flow modeling, and pre-tax equity distributions for a range of partnerships.
RED 421/521	Placemaking and Urban Form (3) Fully Online 7W2, Zuniga Teran This course will introduce students to the fundamental concepts of urban design and urban form and the role these play in placemaking in cities, towns and suburbs. The course will cover the work of urban design theorists, variables that impact a community's sense of place, challenges and opportunities in modern city design, and methods to design more livable and sustainable cities.
LAR 423/523	Landscape Ecology (3) TuTh 9:30am - 10:45am Architecture Rm A304X & Flex In-Person, Livingston The emphasis of this course is the understanding and subsequent use of principles of landscape ecology. This will be accomplished through the study of how spatial heterogeneity in landscapes influences various ecological processes in natural and created landscapes.
LAR 430/530	Intro to Digital Media (2) W 9:30am - 11:30pm Architecture Rm A304Z, Mueller This two-credit studio exposes students to basic and advanced elements of media design communication in landscape architecture and planning. Through tutorials and exercises, using several industry-standard computer applications, we will work to increase our knowledge and skill in computer graphic conventions and techniques.
PLG 469/569	Transportation and Land Use (3) M 10:00am - 12:30pm Architecture Rm A304Z, Currans Transportation and Land Use (T&LU) is an elective course to satisfy the Transportation Concentration requirements for the Masters in Planning program within the College of Architecture, Planning and Landscape Architecture (CAPLA). The objective of this course is to introduce planning students, and those from other majors and programs, to concepts and methods used in the arena where transportation planning and land use development intersect. This course will discuss various theories related to linking transportation investments, land use, and travel behavior, and will consider policy approaches used to address urban planning issues such as congestion, automobile dependence, and planning for infrastructure investments.
PLG 472/572	Environmental Land Use Planning (3) Th 1:30pm - 4:30pm Architecture Rm 205, Li This course focuses on the complex linkages between human and natural systems. Environmental planning utilizes methodologies which are systematic, iterative, and transparent and relies on integrating a wide spectrum of contemporary environmental issues in order to achieve more sustainable land use outcomes. As an interdisciplinary course, it draws from the fields of planning, geography, design, land use law, public policy, economics, natural science, and engineering among others. This course aims to equip students with a broad knowledge base which focuses on landscape components and processes. Further, students will develop the necessary land use analysis and management skills in order to help guide land use decision making, engage stakeholders, and minimize/mitigate conflict between natural and built systems in an effort to produce more sustainable land use patterns and plans.

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PLG 476/576	The Land Development Process (3) Fully Online - 7W1, Bidolli A case-oriented approach to site selection, rezoning, financing, architectural design, economic feasibility, and other facets of the land development process.
PLG 476	The Land Development Process (3) TuTh 12:30pm - 1:45pm Harvill Rm 452, Pivo A case-oriented approach to site selection, rezoning, financing, architectural design, economic feasibility, and other facets of the land development process.
PLG 576	The Land Development Process (3) TuTh 2:00pm-3:15pm Harvill Rm 452, Pivo A case-oriented approach to site selection, rezoning, financing, architectural design, economic feasibility, and other facets of the land development process.
PLG 458/558	Geodesign Studio (3) Tu 1:00pm - 3:45pm Architecture Rm 205 & Th 9:00am-11:45am, Li Geodesign is a rapidly evolving approach which integrates geographic science into the design process. Although there are many different definitions about what is Geodesign, there exists a consensus about the importance of geographic information and geospatial technologies in design. To a large extent, the recent and enthusiastic emergence of Geodesign is in part a product of ongoing innovations in geographic information and geospatial technologies.
PLG 464/564	Preservation Planning Issues (3) Fully Online - 7W2, Erickson Course reviews preservation policy and jurisdictional issues at national, state, and local levels in relationship to emerging preservation and development trends. Students will become familiar with available preservation planning tools and their application.
<i>Graduate</i>	
LAR 541	History and Theory of Landscape Architecture (2) F 10am - 12pm Saguaro Hall Rm 225, Macmillan Johnson This 2-credit course examines landscape architecture from an historic and contemporary perspective as reflected in theory and practice. Through case reviews of built works including significant estates, gardens, urban designs, park systems, corporate landscapes, restored natural sites, heritage sites, waterfront projects, resorts, etc., We will explore the evolution of design ideology and application of theory in the practice of landscape architecture.
PLG/RED 560	Land Use Planning Law (3) M 5:30pm - 8pm Live Online, Kafka Review of the principal legal devices available to implement planning decisions on community design (official map, subdivision control), the use of land (nuisance, covenants and zoning) and housing needs (including urban renewal). Special attention will be paid to the significance and legal effect of a comprehensive plan and to the social and economic effects of planning decisions.
PLG 565	Cultural Landscapes (3) Fully Online - 7W1, Pollock-Ellwand Cultural landscapes are a heritage resource combining natural and cultural environments, from the local to the global. It encompasses a wide-ranging conservation field that includes protection of smaller, well-defined sites with tangible historic elements, to vast landscapes with intangible associations that embody a sense of place and identities of a people. This course provides the vocabulary and approaches to the protection of cultural landscapes. Students will be asked to consider the varied challenges and opportunities such landscapes present.
RED 605	Advanced Real Estate Finance: Software & Technology (3) W 9am - 11:30am Architecture Rm 200, Marian Iorl Fully Online, Bidolli 7W2 This course is designed to advance students' knowledge of the industry leading data and software required to succeed in real estate development and finance. Drawing on tools from CoStar, Real Capital Analytics, ARGUS, and Site To Do Business, the class illustrates use of the programs in the context of solving real estate development and finance problems.