ARCHITECTURE (ARCH)

* ARCH 006a, Architectures of Urbanism: Thinking, Seeing, Writing the Just City  Michael Schlabs
What is architecture, and how is it conceived, relative to notions of the urban – to the broader, deeper, messier web of ideas, forms, and fantasies constituting “the city”? Can architecture play a role in defining the city, as such, or does the city’s political and social construction place it outside the scope of specifically architectural concerns? Likewise, what role can the city play in establishing, interrogating, and extrapolating the limits of architecture, whether as a practice, a discourse, or a physical manifestation of human endeavor in the material environment? This course addresses these and other, related questions, seeking to position art and architecture in their broader urban, social, cultural, political, intellectual, and aesthetic contexts. It explores issues of social justice as they relate to the material spaces of the modern city, and the manner in which those spaces are identified, codified, and made operative in service of aesthetic, social, and political experience. Enrollment limited to first-year students. Preregistration required; see under First-Year Seminar Program. Prerequisite: general knowledge of 20th-century history. HU

ARCH 150a, Introduction to Architecture  Alexander Purves and Trattie Davies
Lectures and readings in the language of architecture. Architectural vocabulary, elements, functions, and ideals. Notebooks and projects required. Not open to freshmen. Required for all Architecture majors. HU

* ARCH 161a, Introduction to Structures  Eileen Hatfield
Basic principles governing the behavior of building structures. Developments in structural form combined with the study of force systems, laws of statics, and mechanics of materials and members and their application to a variety of structural systems. Prerequisites: trigonometry and some knowledge of calculus. Enrollment limited to 20. QR, SC

* ARCH 250a, Methods and Form in Architecture I  Trattie Davies
Analysis of architectural design of specific places and structures. Analysis is governed by principles of form in landscape, program, ornament, and space, and includes design methods and techniques. Readings and studio exercises required. Enrollment limited to 25. Open only to Architecture majors. ½ Course cr

ARCH 260a / HSAR 326a, History of Architecture to 1750  Kyle Dugdale
Introduction to the history of architecture from antiquity to the dawn of the Enlightenment, focusing on narratives that continue to inform the present. The course begins in Africa and Mesopotamia, follows routes from the Mediterranean into Asia and back to Rome, Byzantium, and the Middle East, and then circulates back to mediaeval Europe, before juxtaposing the indigenous structures of Africa and America with the increasingly global fabrications of the Renaissance and Baroque. Emphasis on challenging preconceptions, developing visual intelligence, and learning to read architecture as a story that can both register and transcend place and time, embodying ideas within material structures that survive across the centuries in often unexpected ways. HU 0 Course cr

ARCH 280a / AMST 197a / HSAR 219a / URBN 280a, American Architecture and Urbanism  Elihu Rubin
Introduction to the study of buildings, architects, architectural styles, and urban landscapes, viewed in their economic, political, social, and cultural contexts, from precolonial times to the present. Topics include: public and private investment in the built environment; the history of housing in America; the organization of architectural practice; race, gender, ethnicity and the right to the city; the social and political nature of city building; and the transnational nature of American architecture. HU

* ARCH 327a / URBN 327a, Difference and the City  Justin Moore
Four hundred and odd years after colonialism and racial capitalism brought twenty and odd people from Africa to the dispossessed indigenous land that would become the United States, the structures and systems that generate inequality and white supremacy persist. Our cities and their socioeconomic and built environments continue to exemplify difference. From housing and health to mobility and monuments, cities small and large, north and south, continue to demonstrate intractable disparities. The disparate impacts made apparent by the COVID-19 pandemic and the reinvigorated and global Black Lives Matter movement demanding change are remarkable. Change, of course, is another essential indicator of difference in urban environments, exemplified by the phenomena of disinvestment or gentrification. This course explores how issues like climate change and growing income inequality intersect with politics, culture, gender equality, immigration and migration, technology, and other considerations and forms of disruption.

ARCH 345a / URBN 345a, Civic Art: Introduction to Urban Design  Alan Plattus
Introduction to the history, analysis, and design of the urban landscape. Principles, processes, and contemporary theories of urban design; relationships between individual buildings, groups of buildings, and their larger physical and cultural contexts. Case studies from New Haven and other world cities. HU

* ARCH 360a / URBN 360a, Urban Lab: An Urban World  Joyce Hsiang
Understanding the urban environment through methods of research, spatial analysis, and diverse means of representation that address historical, social, political, and environmental issues that consider design at the scale of the entire world. Through timelines, maps, diagrams, collages and film, students frame a unique spatial problem and speculate on urbanization at the global scale. Prerequisites: For non-majors: permission of the instructor is required. For ARCH majors: ARCH 150, 200, and 280. HU ½ Course cr

ARCH 363a / URBN 363a, Urban Lab: Stories and Counterstories  Anne Barrett
How do our constructed environments embody, maintain, and/or intensify dominant power structures and embedded biases, and how might we uncover fuller and more heterogeneous—if possibly discordant or uneasy—understandings of place? This is a multidisciplinary
design-research seminar in which students learn and utilize visual methods of research and analysis to interrogate, exhume, examine, record, represent, and speculatively re-frame the social, political, architectural, ecological, economic, infrastructural, and material stories of place. We consider urban, suburban, and rural environments at multiple scales, from street names to planning resolutions, as we explore both visible and invisible spatial characteristics. Students select and work on their own research site, and respond to assignments organized around four conceptual themes/representational techniques (Monuments/Mappings; Spaces/Collage; Characters/Diagramming; Boundaries/Section). Work evolves cumulatively over the semester to produce the final project: a “visual anthology” of student sites.

1½ Course cr

* ARCH 380a / HSAR 437a / MMES 382a, The Global Museum  Kishwar Rizvi
When the Carters (Jay-Z and Beyoncé) chose the Louvre Paris as the backdrop to their 2018 hit single, they were tapping into the cultural capital of the museum. Like its counterparts across the world, the Louvre has evolved from a princely collection to a national symbol and, today, to a global brand, with a franchise in Abu Dhabi which opened in 2017. This seminar analyzes how museums are utilized for a variety purposes, from the local to the transnational, and the relationship between their architectural design and their economic, social and urban impact. The class meets with curators and designers and takes a field trip to the Smithsonian museums in Washington, DC.

WR, HU

* ARCH 392b / ENGL 478b, Writing about Place  Cynthia Zarin
An exploration of reading and writing about place. Definitions of home; different meanings and intent of travel. Readings include exemplary contemporary essays from the eighteenth century to the present. Workshop for assigned student essays.

WR, HU

* ARCH 450a, Senior Studio  Turner Brooks
Advanced problems with emphasis on architectural implications of contemporary cultural issues. The complex relationship among space, materials, and program. Emphasis on the development of representations—drawings and models—that effectively communicate architectural ideas. To be taken before ARCH 494. Enrollment limited to Architecture majors. 1½ Course cr

* ARCH 471a, Individual Tutorial  Michael Schlabs
Special courses may be established with individual members of the department only. The following conditions apply: (1) a prospectus describing the nature of the studio program and the readings to be covered must be approved by both the instructor and the director of undergraduate studies; (2) regular meetings must take place between student and instructor; (3) midterm and final reviews are required. For juniors and seniors with DUS approval; meetings by appointment with DUS.

* ARCH 472a, Individual Tutorial Lab  Michael Schlabs
RP ½ Course cr

* ARCH 490a / URBN 490a, Senior Research Colloquium  Marta Caldeira
Research and writing colloquium for seniors in the Urban Studies and History, Theory, and Criticism tracks. Under guidance of the instructor and members of the Architecture faculty, students define their research proposals, shape a bibliography, improve research skills, and seek criticism of individual research agendas. Requirements include proposal drafts, comparative case study analyses, presentations to faculty, and the formation of a visual argument. Guest speakers and class trips to exhibitions, lectures, and special collections encourage use of Yale’s resources.