

Courses pre-approved for Architectural Studies Minor program credit 2021-2022

* Architecture Studio courses

Autumn Quarter 2021

1) Art History Department courses

ARCH 17002 Drawing and the Making of Architecture (two sections) *

This course focuses on the practice of drawing in the making of architecture. It explores the act of tracing lines on a surface as the foundation of design, a word that evokes through its own origins the very moment of architectural invention. As the most direct expression of the architect's ideas and an operative form of 'non-verbal thinking,' the physical response of the hand to media contributes crucially to the creative process. This studio course will offer an unmediated encounter with drawing techniques: we will test different supports-from parchment to screen, and especially paper-and different tools-natural chalks, antique and modern inks, industrial pencils, as well as keyboards and tablets-in order to understand the interaction, throughout history, between materials and design practice. Parallel to this, we will discuss a wide range of readings critically, thus reconstructing the evolving theory of representation in architectural writings and the relevance of graphic expression to both theorists and practitioners. Ultimately, the course will allow students to penetrate norms and conventions of technical drawing and to understand a primary tool in the production of architecture from the point of view of its makers.

Instructor(s): Dario Donetti

Note(s): Students must attend first class to confirm enrollment. If a student is not yet enrolled in this course, s/he must fill out the online consent form and attend the first class. This course meets the general education requirement in the arts. This course may be taken for Architectural Studies minor credit or Arts Music Drama Core credit but not both.

Equivalent Course(s): ARTH 17002

ARCH 18606 Structuring China's Built Environment

This course asks a basic question: Of what does China's built environment in history consist? Unlike other genres of art in China, a history of China's built environment still waits to be written, concerning both the physical structure and spatial sensibility shaped by it. To this end, students will be introduced to a variety of materials related to our topic, ranging from urban planning, buildings, tombs, gardens, and furniture. The course aims to explore each of the built environments-its principles, tradition, and history-based on existing examples and textual sources, and to propose ways and concepts in which the materials discussed throughout the quarter can be analyzed and understood as a broader historical narrative of China's built environment. This course is part of the College Course Cluster, Urban Design.

Instructor(s): Wei-Cheng Lin

Note(s): Students must attend 1st class to confirm enrollment. If a student is not yet enrolled in this course, s/he must fill out the online consent form & attend the first class. This course meets the Gen Edu. Reqmt. in the dramatic, musical, and visual art.

Equivalent Course(s): ARTH 18606, EALC 18606

ARCH 20000 Understanding the Built Environment

This course aims to equip students with the basic skills and knowledge needed to analyze the built environment. Through weekly seminars that are paired with practical labs on architectural writing and drawings, class visits to buildings and exhibitions, or meetings with practitioners, it explores a variety of themes from the material design of the building itself to its urban, social, cultural, and historical significance. These themes include how building designs accommodate their uses and users; how they resist physical forces like gravity, wind, earthquake; the potential of traditional and new materials; cultural questions of style and symbolism; contextual relationships to site and surroundings; technological infrastructure in architecture, such as climate control, power, and computation; and buildings as historical objects that change over time. Students practice their skills in an analytic project on a local building or urban site of their choice. This foundational course for the undergraduate Architectural Studies minor program is offered annually, and is open to minors, prospective minors, and other interested students, including graduate students.

Instructor(s): Katherine Fischer Taylor

Note(s): Some sessions will take place off-campus at sites around the city. Students must have enough time in their schedules to get to those meetings on time.

Equivalent Course(s): ARTH 20700, ARTH 30700

ARCH 24194 Projections in the Vivosphere*

This studio course invites students to devise new techniques for imaging the vivosphere: the fragile and reactive film of interactions that sustain human and non-human life around the surface of the earth. This critical zone is both a space of inquiry and topic of concern, crossing geophysical and disciplinary boundaries. Although more than the sum of representations, new techniques of imaging are urgently required for the shape and behavior of this frontier to fully enter our collective imagination and policy conversations. Seminar discussions and hands-on workshops will immerse students in historic and contemporary techniques of drawing as platforms for inquiry and political influence. While students will develop the ability to manipulate the projective geometries that underpin orthographic, perspectival, isometric, anamorphic and cartographic systems of projection, the vivosphere defies these prevailing modes of description. Research in this critical zone struggles to represent its shape, picture interactions across scale, and overcome the dissonance between planetary representations and lived experience, static geometry and dynamic cycles. Students will be invited to devise and attempt novel techniques to overcome these limitations.

Instructor(s): Andrew Schachman

Note(s): Students must attend first class to confirm enrollment.

Equivalent Course(s): ARTH 24194

ARCH 24270 Children & Architecture*

Many who pursue architecture do so initially out of a childlike fascination with buildings, places and worlds. Curiosity and limited understanding naturally provide children with an exploratory relationship to the built environments they traverse, and children also often show a heightened sense of wonder -- heightened emotions of all kinds -- as that relationship plays out. (This can be positive and formative, or scary and traumatic.) And yet, many of the adults who make choices about the worlds we inhabit think mostly of adults, and as adults, in doing so. This architecture studio course investigates the built world through a child's eyes, across different moments in history, including our own. Readings and seminar discussions will range from playgrounds to blocks, preschools to family relations, swimming pools and sandcastles to the very construction of childhood as an idea. We will explore Chicago, and meet with builders of all ages, likely culminating in designing (and potentially building) a real playground space. While previous experience with architectural skills is not necessary to excel in this course, childlike curiosity is required.

Instructor(s): Luke Joyner

Prerequisite(s): As with most architecture studio courses offered, consent is required to enroll, for fit, not prior experience. Interested students should email the instructor (Luke Joyner, lukejoy@uchicago.edu) to briefly explain their interest and any previous experience you might have with the course topics. Students must attend first class to confirm enrollment. / Please also note that architecture studio courses comprise one 80-minute meeting and one 170-minute meeting per week.

Equivalent Course(s): ARTH 24270

2) Courses in other departments

CLAS 34521 Politics and Political Space in Ancient Rome

Aristotle called human beings "political animals," suggesting an inherent connection between politics and the human propensity to live in cities. Using the city of Rome as its focus, this course aims to deepen our understanding of how urban spaces are not just backdrops to history but fundamentally shape political power. Focusing on the late Republic and early empire, in the first half of the class we will debate how the Roman forum, Campus Martius, and imperial fora altered the possibilities for political activity-from large public assemblies to restricted, autocratic displays focused on the emperor. We will also explore how "private" or seemingly "apolitical" spaces, such as houses and theaters, were used for the demonstration and negotiation of political and social power. This course will encourage students to use a variety of methodologies and source materials, from literary sources to digital archaeology, to

construct arguments about the relationships between politics and space. We will also discuss how the lessons of Rome can be applied to battles over the landscapes of modern US cities.

Instructor(s): Timothy Clark

Equivalent Course(s): ARCH 29450, CLCV 24521

ENGL 23302 Gothic Fiction and Architecture

In this course we study the aesthetics and politics of gothic fiction and architecture. Many of us associate Gothic fiction with fearful tales of mystery and suspense. But the rise of a Gothic aesthetic in the eighteenth and nineteenth century was a political movement: British writers, architects, and architects embraced Gothic medievalism to express their opposition to capitalism and industrialization. We will study gothic fiction since the eighteenth century, paying particular attention to how this fiction was used to comment on a rapidly developing society. Our study of gothic fiction will draw us into the real spaces of London, where we will tour renowned Gothic Revival buildings such as the Houses of Parliament, St. Pancras railway station, and possibly a crypt or two. Readings may include Horace Walpole, *The Castle of Otranto*; Jane Austen, *Northanger Abbey*; Bram Stoker, *Dracula*; Oscar Wilde, *The Picture of Dorian Gray*; and Henry James, *The Turn of the Screw*. (This course fulfills the Creative Writing Fiction literary genre requirement and the English 1650-1830 and 1830-1940 requirements.)

Instructor(s): Benjamin Morgan

Note(s): This is a part of the 2021 London: British Literature and Culture study abroad program.

Equivalent Course(s): ARCH 23302

ENGL 23304 The Stage and the City: Performance and Daily Life in Renaissance London

Between the years 1500 and 1660, London developed into an urban superpower. By 1660, London was boasting a population of 350,000, which was nearly six times its population in the early sixteenth century (~60,000). This course asks what it was like to live in London as it evolved into something equal parts new, exciting, and frightening. We will be considering this question through three city comedies set in London and written between 1609 and 1640. City comedies are particularly good at detailing the perils, thrills, and novel sensoria of an expanding metropolis. We will use these plays as a testing ground to articulate for ourselves what central issues have been raised by London-living over the centuries. What was it like to go to an early iteration of a shopping mall? How were categories of disability, race, gender, and sexuality negotiated through this dense and diverse population? How have city dwellers dealt with plague or famine? Students will be asked to use the issues drawn from this historical context to formulate their own research project about any period of London's history. Throughout the course, the class will take field trips to London neighborhoods, an archive, a theatre performance, and several museums. By engaging with the resources and experiences available in 21st-century London, students will use their imagination and research skills to travel back in time and discover the various "Londons" that have emerged over this city's history.

Instructor(s): Sarah-Gray Lesley

Prerequisite(s): This is a part of the 2021 London: British Literature and Culture study abroad

program.

Equivalent Course(s): ARCH 23304

GEOG 26100 Roots of the Modern American City

This course traces the economic, social, and physical development of the city in North America from pre-European times to the mid-twentieth century. We emphasize evolving regional urban systems, the changing spatial organization of people and land use in urban areas, and the developing distinctiveness of American urban landscapes. All-day Illinois field trip required. This course is part of the College Course Cluster, Urban Design.

Instructor(s): Michael Conzen

Equivalent Course(s): ARCH 26100

GEOG 28202 Geographic Information Science I

This course introduces students to a wide range of geospatial technologies and techniques in order to explain the basic theory and application of geographic information systems (GIS). To do this, students will use open source or free software such as QGIS and Google Earth Pro to complete GIS lab exercises that cover a range of topics, including an introduction to different types of geospatial data, geographic measurement, GIS, principles of cartography, remote sensing, basic GIS mapping and spatial analysis techniques, remote sensing, and specific geospatial applications such as 3D modeling and geodesign. By providing a general overview of geospatial technologies, this course provides students with a broad foundational knowledge of the field of GIScience that prepares them for more specialized concepts and applications covered in future GIS courses.

Instructor(s): TBD

Equivalent Course(s): ARCH 28202, GEOG 38202

GRMN 23921 Literary Scenes of Dwelling

In this course, we will examine literary scenes of dwelling—such as the labyrinthine home of Kafka's "The Burrow" or the house of the Man without Qualities in Musil's novel. We will explore the function of spatial structures beyond their role as passive backdrops. What is their narrative function in a text? To what extent can we rethink dwelling understood in terms of spatial location into dwelling as a mode of action? What does it mean to inhabit a space? How can we conceptualize the role of the guest or the neighbor in inhabiting? How is the relationship between house and nature, home and environment articulated in literary dwellings? What is the relation between large-scale habitation (in a city, the universe) and small-scale habitation (in a room, in our body)? These and other questions will guide our readings of Hoffmann, Freud, Hofmannsthal, Benjamin, Heidegger, Meyrink, Simmel, Ebeling, Scheerbarth, and others. MAPH students welcome. Conducted in English, with LxC option for interested students.

Instructor(s): Margareta Ingrid Christian

Equivalent Course(s): ARCH 23921, GRMN 33921

NEHC 20692 Armenian History through Art and Culture

Who are the Armenians and where do they come from? What is the cultural contribution of Armenians to their neighbors and overall world heritage? This crash-course will try to answer these and many other similar questions while surveying Armenian history and elements of culture (mythology, religion, manuscript illumination, art, architecture, etc.). It also will discuss transformations of Armenian identity and symbols of 'Armenianness' through time, based on such elements of national identity as language, religion, art, or shared history. Due to the greatest artistic quality and the transcultural nature of its monuments and artifacts, Armenia has much to offer in the field of Art History, especially when we think about global transculturation and appropriation among cultures as a result of peoples' movements and contacts. The course is recommended for students with interest in Armenian Studies or related fields, in Area or Civilizations Studies, Art and Cultural Studies, etc.

Instructor(s): Hripsime Haroutunian

Equivalent Course(s): ARCH 20692, ARTH 20692, HIST 25711, NEHC 30692

SOCI 20521 Sociology of Urban Planning: Cities, Territories, Environments

This course provides a high-intensity introduction to the sociology of urban planning practice under modern capitalism. Building upon urban sociology, planning theory and history as well as urban social science and environmental studies, we explore the emergence, development and continual transformation of urban planning in relation to changing configurations of capitalist urbanization, modern state power, sociopolitical insurgency and environmental crisis. Following an initial exploration of divergent conceptualizations of “planning” and “urbanization,” we investigate the changing sites and targets of planning; struggles regarding the instruments, goals and constituencies of planning; the contradictory connections between planning and diverse configurations of power in modern society (including class, race, gender and sexuality); and the possibility that new forms of planning might help produce more socially just and environmentally sane forms of urbanization in the future.

Instructor(s): Neil Brenner

Equivalent Course(s): ARCH 20521, ENST 20521, GEOG 20521, SOCI 30521

ENST 26001 Urban Design Practicum: Revitalizing South/West Retail Corridors

This course is a hands-on, applied learning experience in which students will translate principles of good urban design to two retail corridors on the South Side. We will be working alongside the National Main Street Center, which is headquartered in Chicago, and in support of Chicago's INVEST South/West community improvement initiative. Our specific task will be to produce a set of design guidelines for selected retail corridors. There are no pre-requisites, but students with interest or ability in graphic design and/or 3D modeling are especially encouraged to register.

Instructor(s): Emily Talen

Equivalent Course(s): ARCH 26001, CHST 26001

Winter Quarter 2022

1) Art History Department courses

ARCH 24205 Skills & Processes for Architecture and Urban Design*

This studio course seeks to acquaint students with a range of skills and methods in design, including manual, digital and hybrid methods. Students will test out several design processes through a series of problem sets and micro-projects, and develop their own personal tools and ways as they go. An emphasis will be put on free play and experimentation, followed by rounds of revision and refinement. We will also consider how historical research, precedent, context and constraint can help meaningfully inform design process, without overly paralyzing it. This is an excellent course to take if you are interested in other studio design courses (such as courses listed ARCH 2419X and ARCH 24267), but want to build up your skills before undertaking a major, quarter-long project.

Instructor(s): Luke Joyner

Prerequisite(s): Consent is required to enroll in this class, for fit, not prior experience. Interested students should email the instructor (Luke Joyner, lukejoy@uchicago.edu) to briefly explain their interest and any previous experience with the course topics, though none is required. Priority will be given to 1st-3rd year undergraduates who have taken zero or one UAD studio courses, but intend to take more. Students must attend first class to confirm enrollment.

Equivalent Course(s): ARTH 24205, ARTV 20021,

ARCH 24210 Complex Curves/Plastic Shapes*

Complex forms are ever more prevalent in architecture, in large part due to sophisticated software easing their design and fabrication. This course is a formal investigation of these curved forms and plastic shapes, and aims to develop critical understanding of formal issues underlying their use, construction and intention. The format is that of a combined workshop/seminar: in workshop mode, weekly drawing exercises will be done with increasing levels of geometric complexity. This work will be accompanied by discussion of formal issues, including positive and negative space, boundaries, interiority, and distinction between curved surfaces and volumes. Readings and presentations will provide theoretical and historical background. The underlying basis for our investigation are a number of sculptures done in the mid-20th century by Albers, Moholy-Nagy, Gabo, Hepworth, Kobra, and Vantongerloo. Seen as a whole, their work provides methodologies for the construction of complex curved form, and a broad range of positions on materiality and fabrication. The discipline learned from both their and your work is applicable at a variety of scales from the intimate to the architectural, as well as to orthogonal constructions. The exercises build on each other so steady participation is needed. Familiarity with digital software is preferred, although analog methods of drawing and making can work. Some experience with design is recommended.

Instructor(s): Geoffrey Goldberg

Prerequisite(s): Consent is required to enroll in this class. Interested students should email the instructor, Geoffrey Goldberg (geoffreyg@me.com) to briefly explain their interest, and if

possible, outline any previous design experience, whether manual or digital. While previous knowledge is not required, both the making and studying of complex shapes is central to the course.

Equivalent Course(s): ARTH 24210, ARTV 20020

ARCH 24267 Architecture of Memory*

This architecture studio course asks students to design a memorial. By imagining spaces that evoke emotion and incite action, and examining relationships and meaning between architecture and place, students will explore concepts for spaces created for the purpose of holding, preserving or honoring aspects of culture and history. The South Side of Chicago will be the primary focus. Students will reflect on readings about the South Side and 2020 events. Guest presentations and Arts + Public Life media and archives will be key resources. To form a basis for understanding and analyzing space and form, students will research and critique precedents. The class will visit spaces around the city either in-person or via virtual tours. As a beginning point for inquiry about space and emotions, students will reflect on readings about phenomenology in architecture. Seminars and discussions about architecture practice today will also be presented. Students will generate an analog portfolio of drawings and models throughout the quarter. For final design projects, students will choose real sites and will create a design for a memorial for an aspect of social history of the South Side of Chicago.

Instructor(s): Nootan Bharani

Prerequisite(s): Consent is required to enroll in this course. Interested students should email the instructor (Nootan Bharani, nbharani@uchicago.edu) to briefly explain their interest and any previous experience with the course topics, however no previous experience is necessary. Students are required to attend the first class session to enroll in the course.

Equivalent Course(s): ARTH 24267, ARTH 34267, ARCH 34267, ARTV 24267, ARTV 34267, CHST 24267, ENST 24267,

ARCH 29600 Junior Seminar: Doing Art History

The aim of this seminar is to deepen an understanding of art history as a discipline and of the range of analytic strategies art history affords to students beginning to plan their honors papers or, in the case of students who are minoring in art history, writing research papers in art history courses. Students read essays that have shaped and represent the discipline, and test their wider applicability and limitations. Through this process, they develop a keener sense of the kinds of questions that most interest them in the history and criticism of art and visual culture. Students develop a formal topic proposal in a brief essay, and write a final paper analyzing one or two works of relevant, significant scholarship for their topics.

Instructor(s): Megan Sullivan

Note(s): Required of third-year students who are majoring in art history. Consent is required for registration. This course does not meet the general education requirement in the arts.

Equivalent Course(s): ARTH 29600

2) Courses in other departments

GEOG 23500 Urban Geography

This course examines the spatial organization and current restructuring of modern cities in light of the economic, social, cultural, and political forces that shape them. It explores the systematic interactions between social process and physical system. We cover basic concepts of urbanism and urbanization, systems of cities urban growth, migration, centralization and decentralization, land-use dynamics, physical geography, urban morphology, and planning. Field trip in Chicago region required. This course is part of the College Course Cluster, Urban Design.

Instructor(s): Michael Conzen

Note(s): This course offered in even years.

Equivalent Course(s): ARCH 24660, ENST 24660, GEOG 33500

GEOG 28402 Geographic Information Science II

This course investigates the theory and practice of infrastructure and computational approaches in spatial analysis and GIScience. Geocomputation is introduced as a multidisciplinary systems paradigm necessary for solving complex spatial problems and facilitating new understandings. Students will learn about the elements of spatial algorithms and data structures, geospatial topologies, spatial data queries, and the basics of geodatabase architecture and design.

Instructor(s): Marynia Kolak

Prerequisite(s): GEOG 28202 /GEOG 38202. Students must receive a grade of C or higher in GEOG 28202/GEOG 38202 in order to register for this course.

Equivalent Course(s): ARCH 28402, GEOG 38402

HIST 22610 Paris and the French Revolution

The French Revolution is one of the defining moments of modern world history. This course will explore the mix of social, political, and cultural factors which caused its outbreak in 1789 and go on to consider the overthrow of the Bourbon monarchy in 1792, the drift towards state-driven Terror in 1793-94, and the ensuing failure to achieve political stability down to the advent of Napoleon Bonaparte in 1799. We will view these epochal changes through the prism of France's capital city. Paris shaped the revolution in many ways, but the revolution also reshaped Paris. The urbane city of European enlightenment acquired new identities as democratic hub from 1789 and as site of popular democracy after 1793-94. In addition, the revolution generated new ways of thinking about urban living and remodelling the city for the modern age. A wide range of primary sources will be used, including visual sources (notably paintings, political cartoons and caricatures, and maps).

Instructor(s): Colin Jones

Prerequisite(s): Students taking FREN 22619/32619 must read French texts in French.

Equivalent Course(s): ARCH 22610, ENST 22610, FREN 22619, FREN 32619, HIST 22610, HIST 32610,

HIST 24706 Edo/Tokyo: Society and the City in Japan

This course explores the history of one of the world's largest cities from its origins as the castle town of the Tokugawa shoguns in the early seventeenth century, to its transformation into a national capital and imperial center, and concludes in the postwar era as Tokyo emerged from the ashes of World War II to become a center of global capital and culture. Our focus will be on the complex and evolving interactions between the natural and built environments of the city and politics, culture, and social relations.

Instructor(s): Susan Burns

Equivalent Course(s): ARCH 24706, CRES 24706, CRES 34706, EALC 24706, EALC 34706, ENST 24706, HIST 24706, HIST 34706,

HIST 26511 Cities from Scratch: The History of Urban Latin America

Latin America is one of the world's most urbanized regions and its urban heritage long predates European conquest. Yet the region's urban experience has generally been understood through North Atlantic models, which often treat Latin American cities as disjunctive, distorted knockoffs of idealized US or European cities. This class interrogates and expands those North Atlantic visions by emphasizing the history of vital urban issues such as informality, inequality, intimacy, race, gender, violence, plural regulatory regimes, the urban environment, and rights to the city. Interdisciplinary course materials include anthropology, sociology, history, fiction, film, photography, and journalism produced from the late nineteenth to the early twenty-first centuries.

Instructor(s): Brodwyn Fischer

Prerequisite(s): Some coursework in Latin American studies, urban studies, and/or history

Equivalent Course(s): ARCH 26511, ENST 26511, HIST 26511, HIST 36511, LACS 26510, LACS 36510

REES 27019 Holocaust Object

In this course, we explore various ontological and representational modes of the Holocaust material object world as it was represented during World War II. Then, we interrogate the post-Holocaust artifacts and material remnants, as they are displayed, curated, controlled, and narrated in the memorial sites and museums of former ghettos and extermination and concentration camps. These sites which-once the locations of genocide-are now places of remembrance, the (post)human, and material remnants also serve educational purposes. Therefore, we study the ways in which this material world, ranging from infrastructure to detritus, has been subjected to two, often conflicting, tasks of representation and preservation, which we view through a prism of authenticity. In order to study representation, we critically engage a textual and visual reading of museum narrations and fiction writings; to tackle the demands of preservation, we apply a neo-materialist approach. Of special interest are

survivors' testimonies as appended to the artifacts they donated. The course will also equip you with salient critical tools for future creative research in Holocaust studies.

Instructor(s): Bozena Shallcross

Equivalent Course(s): ARCH 27019, ANTH 23910, ANTH 35035, HIST 23413, HIST 33413, JWSC 29500, REES 37019

NEHC 20085 BIG: Monumental Buildings and Sculptures in the Past and Present

Why are so many societies - including our own - obsessed with building monumental things like pyramids and palaces? What do we learn about cultures past and present from the monuments they built? This course explores famous monuments from around the world to answer these questions through the lens of archaeology, architecture, and art history.

Instructor(s): James Osborne

Equivalent Course(s): ARCH 20085, KNOW 26000, SIGN 26000

Spring Quarter 2022

1) Art History Department courses

ARCH 17410 Frank Lloyd Wright in Chicago and Beyond

This course looks at Wright's work from multiple angles, examining his architecture and urbanism and his relationship to the built environment and socio-cultural context of his lifetime. We'll take advantage of the celebrated Robie House on campus and of Wright's other early work in greater Chicago; we'll also think about his later "Usonian" houses for middle-income clients and the contextual framework he imagined for his work ("Broadacre City"), as well as his Wisconsin headquarters (Taliesin), and spectacular works like the Johnson Wax Factory, Fallingwater, and the Guggenheim Museum. By examining one architect's work in context, students will gain experience analyzing buildings and their siting, and interpreting them in light of their complex ingredients and circumstances. In so doing, the course introduces students to thinking about architecture and urbanism in broad terms. To this end, the first half of the course is organized around a series of themes important to architecture in general (e.g., "expressing function") and the second half examines the question of consistency and change in an individual architect's career, including changes in design technique (e.g., ways of designing sequences of spaces and vistas) and the problem of legacy (e.g., what to do with old buildings, especially famous ones, that no longer work as originally intended).

Instructor(s): Katherine Fischer Taylor

Note(s): Students must attend first class to confirm enrollment. This course meets the general education requirement in the arts.

Equivalent Course(s): ARTH 17410, AMER 17410, FNDL 20502,

ARCH 17550 Renaissance Facades: Architecture in the Age of Representation

The art of the Italian Renaissance is one that engaged at large with questions of representation, in both practice and theory, with long-lasting consequences for the visual culture of the Western world. If such an assumption might be especially evident in the figural arts, it is nevertheless valid for the more abstract language of architecture. Indeed, the Italian architecture of the fifteenth and sixteenth century formulated the vocabulary and rules of a new idiom, that of classicism, which would have soon become predominant in all Europe, and subsequently migrated to the New World. How to decipher such a popular albeit cryptic language? What are the principles that regulate this method of composition? And what are the cultural conflicts and political messages that lie behind the apparent normativity of this style? This course will answer such questions by examining a careful selection of buildings of Renaissance Italy and driving attention to their façades, analyzed in the relationship with the city and the beholder. Classes will focus on phenomena of innovation and resistance, identity and universality, transition and conservation, relying on the architectural theory of the time, as well as on critical interpretations by the most influential historians of early modern architecture. Ultimately, the course will refine a sense of visual literacy: students will learn to discern classical architecture's underlying grammar and to understand it in all its cultural implications.

Instructor(s): Dario Donetti

Prerequisite(s): Students must attend 1st class to confirm enrollment. If a student is not yet enrolled in this course, s/he must fill out the online consent form & attend the first class. This course meets the Gen Edu. Reqmt. in the dramatic, musical, and visual art.

Equivalent Course(s): ARTH 17550

ARCH 24192 Imagining Pittsburgh's Common Buildings*

This class is an architectural studio based in the common residential buildings of Pittsburgh and the city's built environment. (It has been offered for Chicago in other academic years, and may be again in the future.) While design projects and architectural skills will be the focus of the class, it will also incorporate readings, a small amount of writing, some social and geographical history, two required visits to Pittsburgh, and some additional explorations around Chicago. The studio will: (1) give students interested in pursuing architecture or the study of cities experience with a studio class and some skills related to architectural thinking, (2) acquaint students intimately with the common residential buildings and built fabric of a different place, while also comparing that place to our own, and (3) situate all this within a context of social thought about residential architecture, common buildings, housing, and the city.

Instructor(s): Luke Joyner

Prerequisite(s): Consent is required to enroll in this class, for fit and commitment, not prior experience. Interested students should email the instructor (Luke Joyner, lukejjoy@uchicago.edu) to briefly explain their interest and any previous experience you might have with the course topics.

Note(s): Students must attend first class to confirm enrollment.

Equivalent Course(s): ARTH 24192

ARCH 24196 Second Nature: New Models for the Chicago Park District*

The Chicago Park District seems to preserve "first nature" within the metropolitan field. But the motive for establishing this sovereign territory was hardly natural. Today, cultural change raises questions about the significance and operation of this immense network of civic spaces. What opportunities emerge as we rethink them? While this design studio focuses on the development of new model parks for Chicago, it can support students coming from a broad range of disciplines. Texts, seminar discussions, and field trips will complement and nourish the development of architectural proposals.

Instructor(s): Andrew Schachman

Note(s): Students must attend first class to confirm enrollment.

Equivalent Course(s): ARTH 24196, ARTV 20206, ENST 24196, GEOG 24196

ARTH 27800/ 37800 The Material Science of Art (Suzanne Deal Booth Conservation Seminar)

This course will introduce students to the methods, theories, and strategies of scientific approaches to studying art objects and consider the meaning of different materials and surfaces across artistic media. It will showcase new scholarship generated in the field of conservation science and object-based art history that draws its strength from the collaborative work among scientists, conservators, art historians, and theorists. Conservation science draws on the applied sciences and engineering to understand how to preserve the world's cultural heritage and forge connections between making and meaning. The course will explore scientific examinations to investigate the production and use of art objects. Focusing on material studies of paintings and sculptures, pigments as well as their binding media, students will learn about the material make-up of art objects by employing visual analysis alongside practical studies using scientific analysis and imaging on campus and at the Art Institute of Chicago. Readings will be drawn from a variety of disciplines, including material science and chemistry, art history, visual and material culture, anthropology, and philosophy.

Instructor(s): Maria Kokkori

Note(s): Permission of instructor required for registration. This course will be registered only with instructor consent. Consent requests must include why the student is interested in taking the course, any previous experience they have with the course topics, and how they envision contributing toward the conservation initiative's goal of diversifying the field of conservation and conservation science.

Equivalent Course(s): ARCH 27800

ARTH 26703: Interiority, Modernity, Domesticity, Decoration

The domestic interior emerged with modernity itself. "Interiorization," Walter Benjamin claimed, was a defining characteristic of nineteenth-century culture, and the interior came to be understood as the physical space of the home in addition to an image of mental life. While often figured as refuge from modernity's more spectacular developments, this seminar establishes the interior as a complex historical construct, a tool, with which to read the shifting texture of the world outside its walls. At the same time, we will examine how artists, writers, and designers employed the interior as a platform upon which to experiment with new tactics of

representation, often borrowing from one another's toolbox, in attempts to represent that world and imagine possible futures. Case studies will consider paintings, decorative schemes, prints, décor samples, and architectural media—many from local collections and environments—alongside literary and critical writings. We will interrogate these objects to pursue the interior's entanglement with the following themes: subjectivity, the senses, and the built environment; privacy, publicity, and revolution; space, text, and image; art, decoration, and fashion; craft, race, and globalization; modernism, gender, and domesticity. Students need not be specialists to register but should be invested in working together to activate the overlooked interface between intimate, "feminine," or private aesthetic experience and broad historical change.

Instructor(s): Alexandra Fraser

Equivalent Course(s): ARTH 36703, MAPH 36703, GNSE 26703, GNSE 36703, ARCH 2XXXX

2) Courses in other departments

PHSC 11800 Physics and Contemporary Architecture

Architectural structures form the built environment around us and in many ways create the backbone of our civilization. They push the limits of form and function on the largest human scales, often leading to iconic masterpieces that symbolize the aesthetics as well as the technical achievements of a period. Many architectural advances have been made possible by breakthroughs in the science of materials, which then led to innovation in construction and fabrication techniques. This course will introduce the physics principles that have enabled some of the most innovative architecture of our time. This course will take key ideas and tools from physics and demonstrate their power and relevance in a broader context familiar from everyday experience. The course will challenge students to recognize physics concepts in the built structures that make up the urban environment we live in. Chicago is a most appropriate place for this study; it was the birthplace of the first skyscraper, and ever since it has played an internationally celebrated role in pushing the limits of the architectural state of the art. A long succession of renowned Chicago architects and structural engineers has turned this city into a premier laboratory for architectural innovation. Against this backdrop, the course will show how science, and physics in particular, delivers the conceptual foundations that drive current directions in architecture and open up new opportunities.

Instructor(s): Heinrich Jaeger

Equivalent Course(s): ARCH 11800

ENGL 26270 Urban Fiction / American Space, 1890-2010

This course situates the depiction of urban environments in narrative prose fiction (by Abraham Cahan, Upton Sinclair, John Dos Passos, Richard Wright, Ann Petry, Sandra Cisneros, and Don DeLillo) within a broader discourse of urbanization (e.g., work by Jacob Riis, W.E.B. Dubois, Jane Addams, Saskia Sassen). (Fiction, 1830-1940)

Instructor(s): Bill Brown

Equivalent Course(s): ARCH 26270

ENGL 34220 New York, Capital of the Twentieth Century

From the late 1950s New York became a world center for innovative poetry, painting, jazz and dance. This course explores the networks that linked uptown and downtown, black and white, queer and straight and other scenes, with the tensions both productive and destructive these created (20th/21st).

Instructor(s): John Wilkinson

Equivalent Course(s): ARCH 34220

GEOG 28602 Geographic Information Science III

This advanced course extends and connects both foundational and functional GIScience concepts. Students will be introduced to advanced programming and scripting languages necessary for spatial analysis and GIScience applications. Additional topics include customization, enterprise GIS, web GIS, and advanced visualization and analytic techniques.

Instructor(s): Marynia Kolak

Prerequisite(s): GEOG 38202 and GEOG 38402. Students must receive a grade of C or higher in GEOG 28402/GEOG 38402 in order to register for this course.

Equivalent Course(s): ARCH 28602, GEOG 38602

GEOG 28702 Introduction to GIS and Spatial Analysis

This course provides an introduction and overview of how spatial thinking is translated into specific methods to handle geographic information and the statistical analysis of such information. This is not a course to learn a specific GIS software program, but the goal is to learn how to think about spatial aspects of research questions, as they pertain to how the data are collected, organized and transformed, and how these spatial aspects affect statistical methods. The focus is on research questions relevant in the social sciences, which inspires the selection of the particular methods that are covered. Examples include spatial data integration (spatial join), transformations between different spatial scales (overlay), the computation of "spatial" variables (distance, buffer, shortest path), geovisualization, visual analytics, and the assessment of spatial autocorrelation (the lack of independence among spatial variables). The methods will be illustrated by means of open source software such as QGIS and R.

Instructor(s): Marynia Kolak

Equivalent Course(s): ARCH 28702, ENST 28702, GEOG 38702, SOCI 20283, SOCI 30283

REES 24220 Anxious Spaces

This course explores built (architectural), filmic, and narrative spaces that disturb our bearings, un-situate us, and defy neurotypical cognition. In the sense that "angst" is a mode that can be understood as both stalling and generative, we analyze spaces and representations of spaces such as corridors, attics, basements, canals, viaducts, labyrinths, forests, ruins, etc., spaces that are 'felt' as estranging, foreboding, in short, anxiety-provoking, in order to understand why-despite or because these topoi are hostile-they are produced, reproduced, and craved. We will pay special attention to abject spaces of racial and sexual exclusivity, sites of spoliation, and of

memory and erasure. Among our primary texts are films by Kubrick, Tarkovksy, and Antonioni, and Chytilová, short fiction by Borges, Kafka, Nabokov, and selections from the philosophical/theoretical writings of Bachelard, Deleuze & Guattari, Debord, Foucault, Kracauer, and the edited volume, Mapping Desire, Geographies of Sexuality.

Instructor(s): Malynne Sternstein

Equivalent Course(s): ARCH 24220, GNSE 24220, GNSE 34220, REES 34220

BCSN 21333 (Re)Branding the Balkan City: Contemporary Belgrade/Sarajevo/Zagreb

The course uses an urban studies lens to explore the complex history, infrastructure and transformations of cities, mainly the capitals of today's Serbia, Bosnia and Hercegovina, and Croatia. There is a particular need to survey this region and feed the newfound interest in it, mainly because Yugoslav architecture embodied one of the great political experiments of the modern era. Drawing on anthropological theory and ethnography of the city, we consider processes of urban destruction and renewal, practices of branding spaces and identities, urban life as praxis, art and design movements, film, music, food, architectural histories and styles, metropolitan citizenship, and the broader politics of space. The course is complemented by cultural and historical media, guest speakers, and virtual tours. One of them is a tour through the 2018 show at MoMA "Toward a Concrete Utopia: Architecture in Yugoslavia 1948-1980" a project curated with the goal to find a place for Yugoslav Modernism in the architectural canon. Classes are held in English. No knowledge of South Slavic languages is required.

Instructor(s): Nada Petkovic

Equivalent Course(s): ARCH 21300, REES 21300, GLST 21300, HIST 24008

ENST 23517 Introduction to Critical Spatial Media: Visualizing Urban, Environmental, and Planetary Change

This course introduces critical theories and techniques for visualizing interconnected transformations of urban, environmental, and planetary systems amidst the pressures of climate change, urbanization, and global economies of capitalism. Weekly lectures will introduce major themes and theoretical debates, paired with hands-on lab tutorials exploring a selection of methods in conventional and experimental geographic visualization. Thematically, the course will be organized around critical interpretations of the Anthropocene, a concept designating the epoch in which anthropogenic activities are recognized as the dominant force of planetary climatic and ecological change. We will present these interpretations through modules structured around different conceptual paradigms and alternative epochal designations (e.g. the Urbanocene, the Capitalocene, the Plantationocene). Through weekly lab exercises and a final, synthetic project, the course will move from critically analyzing prevalent theoretical frameworks, geospatial data, and associated visualization techniques to creatively visualizing critical alternatives. Students will learn how to construct visual narratives through a variety of spatial media (e.g. maps, diagrams, visual timelines), scales (e.g. bodies, neighborhoods, landscapes, the planetary), and techniques/platforms (e.g. GIS, web mapping, basic programming language tools, and vector/raster visualization programs).

Instructor(s): Alexander Arroyo, Grga Basic
Equivalent Course(s): ARCH 23517

ENST 26008 Historic Preservation Studio

This course is an introduction to the preservation of the built environment. What are the benefits of preserving historic resources? Students will conduct studies of historic buildings in Chicago, exploring their cultural significance and impact on neighborhoods, and applying preservation tools and methods to formulate policies to advance preservation goals. We will also debate preservation's role in addressing climate change and its role in advancing social goals, such as maintaining neighborhood diversity. Through readings, archival research, mapping, field visits, and interaction with professionals in the field, we will consider the possibilities of leveraging historic preservation to advance social, economic, and environmental goals.

Instructor: Emily Talen
Equivalent Course(s): CHST 26008, ARCH 26008

ENST 20160 Cities on Screen

How do the movies shape our collective imagination about cities? Why do we so often turn to them for visions of disaster and dystopia, on the one hand, or a futuristic utopia on the other? How has film responded to cities in the past, and how can it help investigate our present urban condition? How can film be understood as a tool for exploring what a city is? In this seminar, we will watch and discuss feature films in which the built environment or urban issues play important roles. Students will improve their film literacy -- learning not just what a film does but how it does it -- and understand applications for film in the analysis of social, spatial, temporal, and immersive phenomena, as well as how it can help inspire and communicate design more effectively.

Instructor: Evan Carver
Equivalent Course(s): ARCH 20160

ENST 20150 Sustainable Urban Development

The course covers concepts and methods of sustainable urbanism, livable cities, resiliency, and smart growth principles from a social, environmental and economic perspective. In this course we examine how the development in and of cities - in the US and around the world - can be sustainable, especially given predictions of a future characterized by increasing environmental and social volatility. We begin by critiquing definitions of sustainability. The fundamental orientation of the course will be understanding cities as complex socio-natural systems, and so we will look at approaches to sustainability grouped around several of the most important component systems: climate, energy, transportation, and water. With the understanding that sustainability has no meaning if it excludes human life, perspectives from both the social sciences and humanities are woven throughout: stewardship and environmental ethics are as important as technological solutions and policy measures.

Instructor: Evan Carver

Equivalent Course(s): ARCH 20150, GLST 2-150, PBPL 20150

PBPL 28925 Health Impacts of Transportation Policies

Governments invest in transport infrastructure because it encourages economic growth and mobility of people and goods, which have direct and indirect benefits to health. Yet, an excessive reliance on motorized modes of transport harms population health, the environment, and social well-being. The impact on population health is substantial: Globally, road traffic crashes kill over 1.3 million annually. Air pollution, to which transport is an important contributor, kills another 3.2 million people. Motorized modes of transport are also an important contributor to sedentary lifestyles. Physical inactivity is estimated to cause 3.2 million deaths every year, globally. This course will introduce students to thinking about transportation as a technological system that affects human health and well-being through intended and unintended mechanisms. The course will examine the complex relationship between transportation, land use, urban form, and geography, and explore how decisions in other sectors affect transportation systems, and how these in turn affect human health. Students will learn to recognize how the system level properties of a range of transportation systems (such as limited-access highways, urban mass transit, inter-city rail) affect human health.

Instructor: Kavi Bhalla

Equivalent Course(s): ARCH 28925, ENST 28925, HLTH 28925

CMST 21801 Chicago Film History

This course will screen and discuss films made mostly by Chicagoans, concentrating on the period after WWII, until 1980 when Hollywood began using Chicago as a location. By examining various genres, including those not normally interrogated by academics, such as educational and industrial films, we will consider whether there is a Chicago style of filmmaking. Technological advances that enabled both film and video to escape the restrictions of the studio and go hand-held, into city streets and homes, will be discussed. If there is a Chicago style of filmmaking, one must look at the landscape of the city-the design, the politics, the cultures and labor of its people and how they live their lives. The protagonists and villains of Chicago stories are the politicians and community organizers, our locations are the neighborhoods, and the set designers are Mies Van Der Rohe and the Chicago Housing Authority.

Instructor: Judy Hoffman

Equivalent Course(s): ARCH 26750, HMRT 25104, ARTV 26750, MADD 18801

SOCI 20252 Urban Innovation: Cultural Place Making and Scenescapes

Activists from Balzac, Jane Jacobs, and others today seek to change the world using the arts. Ignored by most social science theories, these new cultural initiatives and policies are increasing globally. Urban planning and architecture policies, walking and parades, posters and demonstrations, new coffee shops and storefront churches reinforce selective development of

specific cities and neighborhoods. These transform our everyday social environments into new types of scenes. They factor into crucial decisions, about where to work, to open a business, to found a political activist group, to live, what political causes to support, and more. The course reviews new case studies and comparative analyses from China to Chicago to Poland that detail these processes. Students are encouraged to explore one type of project.

Instructor: Terry Clark

Equivalent Course(s): ARCH 20525, ENST 20252

ARTV 20501 The Cosmopolitan Form

Taught in conjunction with the exhibition *The Metropol Drama*, scheduled to open at the Smart Museum of Art, this class will investigate the conception and place of the cosmopolitan in the monetary and aesthetic economies of the 19th and 20th century. The class will engage with the city of Paris both as case study and antecedent of our conception of cosmopolitan with site visits and meetings with artists, curators and others. In the 19th century, Paris was the origin point for a set of specific cultural currents that combined together to make something new, perverse and alive - before their subsequent fraying at the end of the twentieth century. The class readings will circle around works by Honore de Balzac, who wrote in *The Human Comedy* at length about the new invention of the "modern" bureaucracy and Guy Debord, whose mid 20th century writings as part of Situationist International understood the performance of city life in radically different ways. These will be joined by discussions on texts economic, philosophical and sociological from thinkers such as William Davies, Harald Szeemann, Dave Hickey and Richard Sennett.

Instructor: Geof Oppenheimer

Equivalent Course(s): ARCH 20501

SALC 26075 South Asian Sensoriums

What is a 'sense'? How do we attune, coordinate, and interpret our senses and the information that we receive through them? How do we structure and shape the world around us for and through the senses? We will address these questions by diving into the multi-sensory worlds of South Asia-a region that includes the present states of India, Pakistan, Afghanistan, Bangladesh, Nepal, Tibet, Bhutan, and Sri Lanka-and learning how peoples of the region have theorized and employed the senses to understand and shape their aesthetic, social, and religious worlds. We will taste spices, smell fragrances, listen to music and street sounds, 'visit' temples, mosques, and museums, read literary, philosophical, and religious texts, and view works of visual and sculptural art in order to better understand which aspects of sensory experience are indeed 'universal' and which are conditioned by history and culture.

Instructor: Tyler Williams

Equivalent Course(s): ARCH 26075, SIGN 26075