

ARCHITECTURE

Contact Us

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The Department of Architecture

Mission

The Architecture major establishes an intellectual context for students to interpret the relation of form, space, program, materials and media to human life and thought. Through the Architecture curriculum, students participate in the ongoing shaping of knowledge about the built environment and learn to see architecture as one among many forms of cultural production. At the same time, the major stresses the necessity of learning disciplinary-specific tools, methods, terms and critiques. Thus, work in the studio, lecture or seminar asks that students treat architecture as a form of research and speculation which complement the liberal arts mission of expansive thinking.

Undergraduate Study in Architecture

Studying Architecture at Barnard College, Columbia College, and General Studies leads to a liberal arts degree – a Bachelor of Arts with a major in Architecture, and Barnard College is the administrative location for all undergraduate architecture studies at Columbia University and its partner institutions. A liberal arts education in architecture holds a unique position in academia and in relation to the discipline. If the goal of a professional education in architecture is to enable students to participate directly in the world as an architect – a liberal arts education asks that students consider the broader and myriad conditions in which architecture is conceived and practiced and, in turn, to understand how architecture inevitably alters those conditions. Students are asked to confront and interpret the complex social, cultural, political, and environmental processes that weave through architectural design and urbanism. The purpose of an undergraduate liberal arts degree in architecture is to educate students to think about the world through architecture.

The Architecture curriculum introduces design at a variety of scales, acknowledging that integrated design thinking is effective for problem solving at any scale and in any discipline. Students will experiment with full-scale installations and devices and make small-scale models of urban conditions from which they extract, interpret and invent new possibilities of inhabitation and use. The curriculum intentionally balances the traditions of handcrafted representation with evolving digital technologies of architectural design and communication.

The Architecture major complements, and makes great use of its University setting. With access to superb libraries, research centers, graduate programs, and abundant intellectual resources, our students have the opportunity to follow their creative instincts to great depth and breadth – and they do. The major depends on New York City as more than a convenient site for many design and research projects and frames the City as one of the key social and architectural, and thus didactic, markers of Modernity. Architecture students study with peers from countries around the world in one of the most diverse cities in the world. A large majority of the Architecture students expand their education by interning in Architecture or a related field during their undergraduate studies. Alumni of the Department are leaders in architecture and design fields around the world. The faculty teaching in the undergraduate program are dedicated teachers who are also at the forefront of practice and research and are similarly drawn to New York City as a nexus of global design thinking.

Students interested in obtaining a professional degree in Architecture continue on to graduate programs after their undergraduate degree, and students from the Barnard Columbia program have enjoyed enormous success in their admissions to the most competitive graduate programs in the country. Students who study Architecture as undergraduates have also pursued graduate degrees in a variety of disciplines including Urban Planning, Law, and Media and Communications.

Student Learning Outcomes

Students in the Architecture Majors who fully engage with the curriculum should be able to complete the following outcomes:

- Apply integrated design thinking to specific problems in and beyond the discipline;
- Visually communicate architectural concepts and research using discipline-specific techniques in multiple media;
- Verbally present independent, group or assigned research, in multiple media formats;
- Organize and concisely write in a variety of formats including reports, case studies, synthetic overviews, etc.;
- Understand and critically interpret major buildings and themes of Architectural history and theory;
- Be intellectually prepared for graduate studies in architecture and related disciplines.

Advising Appointments

Current students as well as prospective students with questions about our courses and programs of study are encouraged to meet with our full-time faculty members. [Faculty advising appointments](#) are open to anyone who is interested in learning more about our department. During the summer break, all current and prospective students are instead invited to submit their questions by email to architecture@barnard.edu.

Full-Time Faculty

Professors of Professional Practice:

[Karen Fairbanks \(Chair\)](#)
[Kadambari Baxi](#)

Assistant Professors:

[Anooradha Iyer Siddiqi](#)
[Ignacio G. Galán](#)
[Ralph Ghoche](#)
[Nick Smith](#)

Adjunct Faculty

Adjunct Professors:

Joeb Moore
Madeline Schwartzman
Suzanne Stephens

Adjunct Assistant Professors:

Daisy Ames
Virginia Black
Diana Cristobal
Lindsay Harkema
Jason Kim
Evangelos Kotsioris
Galen Pardee
Todd Rouhe
Michael Schissel
Fred Tang
Irina Verona

Our Programs of Study

THE MAJOR IN ARCHITECTURE (p. 2)

THE MAJOR IN THE HISTORY AND THEORY OF ARCHITECTURE

THE MINOR IN ARCHITECTURE

The Major in Architecture

The major in architecture is open to Barnard College students, Columbia College students, and General Studies students. The required classes are broken down into four categories: studio, lectures seminars and workshops, senior courses, and the specialization:

Studio Courses

Four studio courses, to be taken one per semester (studio courses have limited enrollment and priority is given to Architecture majors):

ARCH UN2101	ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS
ARCH UN2103	ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS
ARCH UN3201	ADVANCED ARCHITECTURAL DESIGN I
ARCH UN3202	ADVANCED ARCHITECTURAL DESIGN II

Lecture, Seminar, and Workshop Courses *

Five courses following the distribution requirement below:

ARCH UN3117	Modern Architecture in the World
Architectural Elective: History	
Architectural Elective: Society, Environment, and the Global	
Architectural Elective: Design, Media, and Technology	
Architectural Elective	

Senior Courses *

ARCH UN3901	SENIOR SEMINAR
Elective Architecture seminar (another Senior Seminar in the Department, Advanced Architectural Research and Design, or Independent Research)	

Specialization Courses

All majors are asked to complement their work with a thematic unit (three courses) called the "specialization." Each student develops a specific specialization that broadens their architectural studies in one of the following areas or combination of areas: History, Society, Environment, Global, Design, Media, and Technology. Courses may be taken from across various departments. All majors, in consultation with their advisers, will develop a short (100 word) description of their specialization and advisers will approve their course selections. Students can request and develop other areas of specialization with adviser approval.

Graduation Requirements

The major also requires that students submit a portfolio and a writing sample before graduation. The design portfolio includes representative work from all design studios and the writing sample is a paper or essay from a senior level architecture or architecture-related course. Final submissions are archived in the department, the portfolios are displayed at the end of the year show, and both are used to award graduation honors.

- * These are courses offered by the architecture department or other applicable departments offered within the University. Students should consult the program office for a list of applicable courses each semester.

The Major in the History and Theory of Architecture

The History and Theory of Architecture major stresses research and writing in Architectural History. This program of study is only open to Barnard College students; Columbia College and General Studies students that are interested in majoring in architectural history should contact the Department of Art History and Archaeology at Columbia University. The History and Theory of Architecture major requires a total of 14 courses, distributed as follows:

Studio Courses

1-2 studio courses, to be taken one per semester:

ARCH UN1020	Introduction To Architectural Design and Visual Culture
ARCH UN2101	ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS
ARCH UN2103	ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS

Lecture, Seminar, and Workshop Courses

7-8 lecture, seminar, and workshop courses:

ARCH UN3117	Modern Architecture in the World
Architectural Elective: History	
Architectural Elective: Society, Environment, and the Global	
Architectural Elective: Design, Media, and Technology	

3 to 4 Architectural Electives - any lecture, seminar, or workshop offered by the Architecture Department or an approved course from a related department

*Note: Studios, Lectures, Seminars, and Workshops must total to 9 courses

Specialization

3 courses for the specialization:

Each student develops a specialization that broadens the reach of their architectural studies and supports their thesis. All majors, in consultation with their advisers, will develop a short (100 word) description of their specialization and advisers will approve their course selections.

Senior Courses

2 courses for the senior course requirement:

ARCH UN3901 SENIOR SEMINAR

ARCH V3998

All senior History and Theory of Architecture majors are required to enroll in one semester of Senior Seminar and to write a thesis which can be done through enrolling in Independent Study (ARCH UN3997 or ARCH UN3998). Please consult with your major adviser for planning your thesis.

The Minor in Architecture

The minor in architecture is only open to Barnard College students and SEAS students at Columbia University. The minor in architecture requires a total of five courses, distributed as follows:

Studio Courses

1-3 of the following courses:

ARCH UN1020 Introduction To Architectural Design and Visual Culture

Three history/theory courses

ARCH UN2101 ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS

ARCH UN2103 ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS

Lecture, Seminar, and Workshop Courses

ARCH UN3117 is required along with 1-3 Architectural Electives - any lecture, seminar, or workshop offered by the Architecture Department or an approved course from a related department.

ARCH UN3117 Modern Architecture in the World

Academic Year 2021-2022 Courses

Most architecture courses have a restriction on online enrollment (meaning that you will automatically appear on the wait list when you try to register online) and require an application in order to be admitted. Links to our 2021-2022 applications are available on our [website](#). For a complete list of courses across the university that have been approved to fulfill various architecture major and minor requirements, please refer to our program planning list. You are welcome contact us with any questions you may have: architecture@barnard.edu.

ARCH UN1010 Design Futures: New York City. 3 points.

How does design operate in our lives? What is our design culture? In this course, we explore the many scales of design in contemporary culture – from graphic design to architecture to urban design to global, interactive, and digital design. The format of this course moves between lectures, discussions, collaborative design work and field trips in order to engage in the topic through texts and experiences.

Fall 2021: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/00600	F 1:10pm - 4:25pm 501 Diana Center	Hua Tang	3	21/20
ARCH 1010	002/00601	F 1:10pm - 4:25pm 502 Diana Center	Virginia Black	3	20/20

Spring 2022: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/00583	F 1:10pm - 4:25pm Room TBA	Richard Rouhe	3	0/20
ARCH 1010	002/00584	F 1:10pm - 4:25pm Room TBA		3	0/20

ARCH UN1020 Introduction To Architectural Design and Visual Culture. 3 points.

Introductory design studio to introduce students to architectural design through readings and studio design projects. Intended to develop analytic skills to critique existing media and spaces. Process of analysis used as a generative tool for the students' own design work. Must apply for placement in course. Priority to upperclass students. Class capped at 16.

Fall 2021: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/00603	M W 1:10pm - 3:00pm 116 Lewisohn Hall	Richard Rouhe	3	13/16

Spring 2022: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/00585	M W 1:10pm - 3:00pm Room TBA	Madeline Schwartzman	3	0/16

Fall 2021 Courses

ARCH UN2101 ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS. 4 points.

This architectural design studio explores material assemblies, techniques of fabrication, and systems of organization. These explorations will be understood as catalysts for architectural analysis and design experimentation.

Both designed objects and the very act of making are always embedded within a culture, as they reflect changing material preferences, diverse approaches to durability and obsolescence, varied understandings of comfort, different concerns with economy and ecology. They depend on multiple resources and mobilize varied technological innovations. Consequently, we will consider that making always involves making a society, for it constitutes a response to its values and a position regarding its technical and material resources. Within this understanding, this studio will consider different cultures of making through a number of exercises rehearse design operations at different scales—from objects to infrastructures.

Fall 2021: ARCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2101	001/00613	T Th 9:00am - 11:50am 404 Diana Center	Diana Cristobal Olave	4	15/16
ARCH 2101	002/00614	M W 9:00am - 11:50am 404 Diana Center	Richard Rouhe	4	16/16

Spring 2022: ARCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2101	001/00586	M W 9:00am - 11:50am Room TBA		4	0/16

ARCH UN2103 ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS. 4 points.

This architectural design studio course explores modes of visualization, technologies of mediation and environmental transformations. These explorations will be used as catalysts for architectural analysis and design experimentation.

Introducing design methodologies that allow us to see and to shape environmental interactions in new ways, the studio will focus on how architecture may operate as a mediator – an intermediary that negotiates, alters or redirects multiple forces in our world: physical, cultural, social, technological, political etc. The semester will progress through three projects that examine unique atmospheric, spatial and urban conditions with the aid of multimedia visual techniques; and that employ design to develop creative interventions at the scales of an interface, space and city.

Fall 2021: ARCH UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2103	001/00615	M W 10:00am - 12:50pm 404 Diana Center	Madeline Schwartzman	4	14/16

Spring 2022: ARCH UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2103	001/00587	M W 9:00am - 11:50am Room TBA	Jason Kim	4	0/16
ARCH 2103	002/00588	T Th 9:00am - 11:50am Room TBA	Lindsay Harkema	4	0/16

ARCH UN3201 ADVANCED ARCHITECTURAL DESIGN I. 4 points.

Prerequisites: ARCH V3101 and ARCH V3103. Open to architecture majors or with permission of instructor.

Prerequisites: ARCH UN2101 and ARCH UN2103. Advanced Architectural Design I explores the role of architecture and design in relationship to climate, community, and the environment through a series of design projects requiring drawings and models. Field trips, lectures, and discussions are organized in relation to studio exercises. A portfolio of design work from the prerequisite courses ARCH UN2101 and ARCH UN2103 will be reviewed the first week of classes.

Fall 2021: ARCH UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3201	001/00616	M W 9:00am - 11:50am 116 Lewisohn Hall	Galen Pardee, Kadambari Baxi, Joeb Moore	4	28/45

ARCH UN3211 ADVANCED ARCHITECTURAL RESEARCH AND DESIGN. 4 points.

Prerequisites: A design portfolio and application is required for this course. The class list will be announced before classes start.

Application required: A design portfolio and application is required for this course. The class list will be announced before classes start. Advanced Architectural Research and Design is an opportunity for students to consider international locations and address contemporary global concerns, incorporating critical questions, research methods, and design strategies that are characteristic of an architect's operations at this scale.

Fall 2021: ARCH UN3211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3211	001/00617	M W 9:00am - 11:50am 404 Diana Center	Ignacio Gonzalez Galan	4	10/10

ARCH UN3502 URBANIZING CHINA. 4 points.

This course investigates the dramatic urban transformation that has taken place in mainland China over the last four decades. The speed and scale of this transformation have produced emergent new lifeways, settlement patterns, and land uses that increasingly blur the distinction between urban and rural areas. At the same time, Chinese society is still characterized by rigid, administrative divisions between the nation's urban and rural sectors, with profound consequences for people's lives and livelihoods. The course therefore examines the intersection between the rapid transformation of China's built environment and the glacial transformation of its administrative categories. We will take an interdisciplinary approach to this investigation, using perspectives from architecture, history, geography, political science, anthropology, urban planning, and cultural studies, among other disciplines.

The course is divided into two parts: Over the first five weeks, we will consider the historical context of China's urbanization and its urban-rural relations, including the imperial, colonial, and socialist periods, as well as the current period of reform. In the remainder of the semester, we will turn our focus to contemporary processes of urbanization, with a particular emphasis on the complex interrelationship between urban and rural China. This portion of the semester is organized into three two-week units on land and planning, housing and demolition, and citizenship and personhood.

Fall 2021: ARCH UN3502

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3502	002/00621	M W 2:40pm - 3:55pm 530 Altschul Hall	Nick Smith	4	27/30

ARCH UN3901 SENIOR SEMINAR. 4.00 points.

Readings, individual class presentations, and written reports

Fall 2021: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/00622	Th 12:10pm - 2:00pm LI001 Milstein Center	Suzanne Stephens	4.00	16/16

Spring 2022: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/00592	W 4:10pm - 6:00pm Room TBA	Ralph Ghoche	4.00	0/16
ARCH 3901	002/00593	M 2:10pm - 4:00pm Room TBA	Ignacio Gonzalez Galan	4.00	0/16

ARCH UN3997 Independent Study. 2-4 points.

Prerequisites: Permission of the program director in term prior to that of independent study. Independent study form available at departmental office.

Fall 2021: ARCH UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3997	001/00623		Kadambari Baxi	2-4	0/3
ARCH 3997	002/00624		Karen Fairbanks	2-4	0/3
ARCH 3997	003/00625		Ignacio Gonzalez Galan	2-4	3/3
ARCH 3997	004/00626		Ralph Ghoche	2-4	0/3
ARCH 3997	005/00627		Nick Smith	2-4	0/3
ARCH 3997	006/00792		Kadambari Baxi	2-4	0/5

ARCH GU4140 MEDITERRANEAN CONFRONTATIONS: ARCHITECTURE, COLONIALISM, # NATIONAL IDENTITY IN NORTH AFRICA. 4.00 points.

This seminar examines architecture and urban planning in North Africa from Napoleon's invasion of Egypt in 1798, through the French conquest of Algeria in 1830, the establishment of French protectorates in Tunisia (1881) and Morocco (1912), and the Italian colonization of Libya (1911), to the period of decolonization and post-independence, concluding with present-day struggles over national identity and governance. This course will be paired with seminar taught by Mary McLeod at the Graduate School of Architecture, Planning and Preservation at Columbia University. A central concern of the course will be the role of modernization in both colonial and postcolonial societies—a process, while integrally connected to European power, dominance, and violence, is often complex and ambiguous. In fact, modernization sometimes precedes European control as was the case in nineteenth-century Egypt, and, in other instance post-independence, it becomes a means to establish national identity and separation from European powers, as in the case of Egypt under Nasser or Algeria under Ben Bella or Boumediene (note, for example, the public commissions of the Brazilian modern architect Oscar Niemeyer in Algiers and Constantine, in which a modern architecture is seen as a distinct break with the Arabesque/ Neo-Mauresque forms of French colonialism). Nor should European influences in North Africa, however dominant and pervasive, be seen as only related to its political and economic control; multi-ethnic populations, trade and commerce, different places of architectural training, and cross-national infrastructures, such as railroad routes, all contributed and continue to contribute to making exchanges between European and Muslim culture diverse and multi-directional, if uneven in their power and influence. Among the many issues the course plans to address, as it considers connections between architecture and its political and social context, are: modernization under the Ottoman empire, differences among English, French, and Italian colonization, the role of the Catholic church in the destruction of Muslim religious structures and urban transformation, stylistic hybridity, association versus assimilation, Lyautey's vision of cultural difference and urban segregation, colonial cities as "laboratories" of modernization, Mediterraneanism and visions of integration, debates about historic and urban preservation, modernism as form of national identity, and contemporary efforts to reclaim vernacular traditions

Fall 2021: ARCH GU4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 4140	001/00677	W 4:10pm - 6:00pm 300 S Buell Hall	Ralph Ghoche	4.00	8/16

ARCH GU4150 ARCHITECTURE AND MIGRATION IN NEW YORK. 4.00 points.

This course explores the role that migrant communities have historically played in the construction of New York as well as the spatial negotiations, frictions, and conflicts derived from their settlement in the city. Architecture and urban strategies have historically participated in the definition of frameworks of belonging for migrant communities. However, they have also been used as tools for the exclusion of minority communities, as an alibi in xenophobic arguments, and as mediators of assimilationist policies. We will discuss the manifold relations of architecture and migration. Migrant individuals and communities are responsible for the design, transformation, and resignification of different structures and enclaves. We will regard both the spatial, material, and aesthetic properties of these transformations as well as the social and cultural struggles, exchanges, and dislocations that they mediate. We will also discuss the inextricable connection between New York City and migration. The city historically served as the major port of entry for migrants into the US and continues to be a major attractor for transient populations. We will regard New York simultaneously as a city characterized by its ethnic diversity, and one in which immigrants continue to struggle to secure housing, assert their presence in public space, guarantee their access to resources, and defend their rights

Fall 2021: ARCH GU4150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 4150	001/00678	T 4:10pm - 6:00pm 119 Milstein Center	Ignacio Gonzalez Galan	4.00	11/16

Spring 2022 Courses

The course schedule listed below may be subject to change. Please revisit this page and the online Directory of Classes in November 2021 to confirm our spring 2022 course information. You are also welcome contact us with any questions you may have: architecture@barnard.edu.

ARCH UN1010 Design Futures: New York City. 3 points.

How does design operate in our lives? What is our design culture? In this course, we explore the many scales of design in contemporary culture – from graphic design to architecture to urban design to global, interactive, and digital design. The format of this course moves between lectures, discussions, collaborative design work and field trips in order to engage in the topic through texts and experiences.

Fall 2021: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/00600	F 1:10pm - 4:25pm 501 Diana Center	Hua Tang	3	21/20
ARCH 1010	002/00601	F 1:10pm - 4:25pm 502 Diana Center	Virginia Black	3	20/20

Spring 2022: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/00583	F 1:10pm - 4:25pm Room TBA	Richard Rouhe	3	0/20
ARCH 1010	002/00584	F 1:10pm - 4:25pm Room TBA		3	0/20

ARCH UN2101 ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS. 4 points.

This architectural design studio explores material assemblies, techniques of fabrication, and systems of organization. These explorations will be understood as catalysts for architectural analysis and design experimentation.

Both designed objects and the very act of making are always embedded within a culture, as they reflect changing material preferences, diverse approaches to durability and obsolescence, varied understandings of comfort, different concerns with economy and ecology. They depend on multiple resources and mobilize varied technological innovations. Consequently, we will consider that making always involves making a society, for it constitutes a response to its values and a position regarding its technical and material resources. Within this understanding, this studio will consider different cultures of making through a number of exercises rehearse design operations at different scales—from objects to infrastructures.

Fall 2021: ARCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2101	001/00613	T Th 9:00am - 11:50am 404 Diana Center	Diana Cristobal Olave	4	15/16
ARCH 2101	002/00614	M W 9:00am - 11:50am 404 Diana Center	Richard Rouhe	4	16/16

Spring 2022: ARCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2101	001/00586	M W 9:00am - 11:50am Room TBA		4	0/16

ARCH UN2103 ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS. 4 points.

This architectural design studio course explores modes of visualization, technologies of mediation and environmental transformations. These explorations will be used as catalysts for architectural analysis and design experimentation.

Introducing design methodologies that allow us to see and to shape environmental interactions in new ways, the studio will focus on how architecture may operate as a mediator – an intermediary that negotiates, alters or redirects multiple forces in our world: physical, cultural, social, technological, political etc. The semester will progress through three projects that examine unique atmospheric, spatial and urban conditions with the aid of multimedia visual techniques; and that employ design to develop creative interventions at the scales of an interface, space and city.

Fall 2021: ARCH UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2103	001/00615	M W 10:00am - 12:50pm 404 Diana Center	Madeline Schwartzman	4	14/16

Spring 2022: ARCH UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2103	001/00587	M W 9:00am - 11:50am Room TBA	Jason Kim	4	0/16
ARCH 2103	002/00588	T Th 9:00am - 11:50am Room TBA	Lindsay Harkema	4	0/16

ARCH UN1020 Introduction To Architectural Design and Visual Culture. 3 points.

Introductory design studio to introduce students to architectural design through readings and studio design projects. Intended to develop analytic skills to critique existing media and spaces. Process of analysis used as a generative tool for the students' own design work. Must apply for placement in course. Priority to upperclass students. Class capped at 16.

Fall 2021: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/00603	M W 1:10pm - 3:00pm 116 Lewisohn Hall	Richard Rouhe	3	13/16

Spring 2022: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/00585	M W 1:10pm - 3:00pm Room TBA	Madeline Schwartzman	3	0/16

ARCH UN3117 Modern Architecture in the World. 3 points.

Prerequisites: Designed for but not limited to sophomores; enrollment beyond 60 at the discretion of the instructor.

How has architecture been "modern"? This course will introduce students to things, practices, figures, and ideas behind this contentious and contradictory concept, emerging in multiple locations around the world. Students in this course will learn about architecture as it was practiced, taught, thought, and experienced across landscapes of social and cultural difference during the past two centuries. Learning about the past through historical consciousness around architecture and investigating the history of architecture as a discursive field are fundamental to liberal arts thinking generally, and important for students in architecture, the history and theory of architecture, art history, and urban studies. Students in this course will be introduced to:

Architecture as enmeshed with other forms of cultural production

Culturally-specific intellectual and public debates around the architectural and urban

Makers, thinkers, and organizers of the designed or built environment

Geographies, territories, and mobilities associated with architecture as an end or means for material extraction, refinement, trade, labor, and construction

Sites, institutions, media, events, and practices which have come to hold meaning

Modernity, modernism, and modernization in relation to each other, as social, cultural, and technological drivers holding stakes for past events as well their histories.

In this course, we will ask questions about ideas and practices within disparate socially-and culturally-constructed worlds, and across other asymmetries. For example, can we draw a coherent historical thread through Lisbon in 1755, Bombay in 1854, Moscow in 1917, the moon in 1969, and al-Za'atari refugee camp in 2016? Are such narratives of coherence themselves the trace of the modernist impulse in architectural history? In this course, we will study modern architecture's references to an art of building as well the metaphors it gives rise to. Embedded in this examination are social and cultural questions of who made and thought modern architecture, and aesthetic and historical questions around the figure of the architect.

Spring 2022: ARCH UN3117

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3117	001/00589	T Th 4:10pm - 5:25pm Room TBA	Ralph Ghoche	3	0/60

ARCH UN3202 ADVANCED ARCHITECTURAL DESIGN II. 4.50 points.

Prerequisites: ARCH V3201. Open to architecture majors or with permission of instructor.

Prerequisite: ARCH UN3201. Advanced Architectural Design II culminates the required studio sequence in the major. Students are encouraged to consider it as a synthetic studio where they advance concepts, research methodologies and representational skills learned in all previous studios towards a semester-long design project. Field trips, lectures, and discussions are organized in relation to studio exercises

Spring 2022: ARCH UN3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3202	001/00590	M W 9:00am - 11:50am Room TBA	Michael Schissel, Diana Cristobal Olave	4.50	0/40

ARCH UN3400 ENVIRONMENTAL VISUALIZATIONS OF NYC. 4 points.

Prerequisites: (ARCH UN1020) or (ARCH UN3101) or (ARCH UN3103) or Students must have taken at least one architectural design studio or an equivalent multimedia production course.

The goal of this seminar + workshop course is to develop new visual representations of impact of environmental issues on New York City. We will focus on two catastrophic events and sites: Greenpoint Oil Spill (1978), Newtown Creek; and Hurricane Sandy (2012), Lower Manhattan; and examine related toxic histories, environmental damage, impacted communities, clean-up and protection efforts and planning and design possibilities. Resourcing historical maps, on-site documentation and future design proposals, the class will explore environmental crises and their impact on the built environment and on the social, cultural and political life of the city. Students will conduct research at The Map Division of the New York Public Library, meet with environmental and design experts, and visit sites in Brooklyn and Manhattan. Based on this research, students will use digital mapping techniques, 360 video, VR (virtual reality) and AR (augmented reality) technologies to create compelling experiential, spatial, analytical, critical, and reflective reconstructions of catastrophic events and remediation. Course readings further examine environmental issues and climate change from four unique perspectives: mapping and urban/ecological histories; design research reports; global and planetary views; and graphic, audio-visual imaginaries.

ARCH UN3901 SENIOR SEMINAR. 4.00 points.

Readings, individual class presentations, and written reports

Fall 2021: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/00622	Th 12:10pm - 2:00pm LI001 Milstein Center	Suzanne Stephens	4.00	16/16

Spring 2022: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/00592	W 4:10pm - 6:00pm Room TBA	Ralph Ghoche	4.00	0/16
ARCH 3901	002/00593	M 2:10pm - 4:00pm Room TBA	Ignacio Gonzalez Galan	4.00	0/16

ARCH GU4300 The Just City: Global Debates in Urban Planning and Policy. 4.00 points.

Urbanization is inherently unequal, inscribing social, economic, environmental, and political unevenness into the spatial fabric of the city. But the distribution of such inequality is not inevitable. Urbanization is a product of the collective decisions we make (or choose not to make) in response to the shared challenges we face in our cities. And, thus, the patterns of urbanization can be changed. This is the task of urban planning and the starting point for this advanced seminar, which asks how we can reshape our cities to be more just—to alleviate inequality rather than compound it. In embarking on this effort, we face numerous “wicked” problems without clear-cut solutions. The approaches one takes in addressing urban inequality are therefore fundamentally normative—they are shaped by one’s place in the world and one’s view of it. The central challenge in addressing inequality is thus establishing a basis for collective action amongst diverse actors with differing—and sometimes conflicting—values and views. In other words, planning the just city a matter of both empathy and debate. In this course, we will endeavor to develop informed positions that can help us engage with others as a basis for taking collective action. The course is organized into four 3-week modules, each of which addresses a dimension of the just city: equity, democracy, diversity, and sustainability. In the first week of each module, we will discuss how the issue has been understood in history and theory (with an emphasis on tradeoffs between different priorities and values); in the second week, we will apply this discussion to a global case study prepared and presented by a team of students; and in the third week, we will hold an in-class debate to determine what should be done.

Specific case studies vary each year

Spring 2022: ARCH GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 4300	001/00597	T 2:10pm - 4:00pm Room TBA	Nick Smith	4.00	0/16