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:
Diana Cristobal
Eliana Dotan
Julian Harake
Lindsay Harkema
Joeb Moore
Ivan Munuera
Ana Ozaki
Galen Pardee
Bart-Jan Polman
Todd Rouhe
Michael Schissel
Suzanne Stephens
Katie Shima
Fred Tang
Irina Verona

Our Programs of Study

THE MAJOR IN ARCHITECTURE (p. 2)
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 and seminars, 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 Architectural Design, I
ARCH UN3202

Lecture, Seminar, and Workshop Courses
Five courses following the distribution requirement below.
ARCH UN3117 Architectural Elective: History
ARCH UN3118 Architectural Elective: Society, Environment, and the Global
ARCH UN3207 Architectural Elective: Design, Media, and Technology

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 advisees 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 Architectural Elective: History
ARCH UN3118 Architectural Elective: Society, Environment, and the Global
ARCH UN3207 Architectural Elective: Design, Media, and Technology

Architectural Elective: History
Architectural Elective: Society, Environment, and the Global
Architectural Elective: Design, Media, and Technology
Architectural Elective: History

Senior Courses
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 advisees will approve their course selections.

Senior Courses
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:

<table>
<thead>
<tr>
<th>Studio Courses</th>
<th>Lecture, Seminar, and Workshop Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH UN1020</td>
<td>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.</td>
</tr>
<tr>
<td>Three history/theory courses:</td>
<td></td>
</tr>
<tr>
<td>ARCH UN2101</td>
<td>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.</td>
</tr>
<tr>
<td>ARCH UN2103</td>
<td>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.</td>
</tr>
</tbody>
</table>

Academic Year 2022-2023 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 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 to contact us with any questions you may have: architecture@barnard.edu.

Fall 2022 Courses

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

Corequisites: Intended for the non-major, sophomore year and above. Enrollment limited to 18 students.

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. Attendance is mandatory at the first class meeting in order to form class registration lists.

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.

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.

ARCH UN3201 Architectural Design, I. 4.5 points.
Prerequisites: ARCH V3101 and ARCH V3103. Open to architecture majors or with permission of instructor.

Introduction to architectural design taught in a studio environment, through a series of design projects requiring drawings and models. Field trips, lectures, and discussions are organized in relation to studio exercises. Portfolio of design work from Architectural Representation: Abstraction and Perception will be reviewed the first week of classes.

ARCH UN3211 Architectural Design, III. 4.5 points.
Prerequisites: ARCH V3202 and permission of the department chair.

Enrollment limited as space permits.
Further exploration of the design process through studio work. Programs of considerable functional, contextual, and conceptual complexity are undertaken. Portfolio required for review first day of fall semester or earlier, as requested by the department. Class list based on portfolio review will be formed by first class meeting.

ARCH UN3312 Special Topics In Architecture. 3 points.

Topics vary yearly. Course may be repeated for credit. Attendance is mandatory at the first class meeting in order to form class registration lists.
ARCH UN3901 Senior Seminar. 4 points.
Prerequisites: Enrollment limited to 16 students per section. Open to architecture majors only unless space permits.
Readings, individual class presentations, and written reports. Attendance is mandatory at the first class meeting in order to form class registration lists.

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.

ARCH GU4300 Key Debates in Urban Planning and Policy. 4.00 points.
This advanced seminar explores key debates in contemporary urban planning and policy. Most fundamentally, these debates are about how we make collective decisions regarding shared problems, which arise from our co-inhabitation of urban space. Resolving these debates is not always an either-or proposition—there are multiple shades of gray and multiple potential resolutions. Nor are there necessarily right or wrong answers. The positions one takes in these debates are fundamentally normative—they are shaped by one’s place in the world and one’s view of it. Nevertheless, these debates require decisions. In urban planning and policy, we are called upon to act, not just debate. In this course, we will endeavor to develop informed positions that can help us engage with others to take action. These debates are not new, nor are they unique to any one place. But their specific articulation varies as a function of historical and geographical context. In this course, we will explore both levels of these debates: we will first discuss them as they have been understood in history and theory, and we will then discuss them with reference to cases drawn from different parts of the world. Specific cases will be selected collectively by the class at the beginning of the semester, and students will develop and present the case study materials in consultation with the instructor. Students are therefore actively involved in the design of the course and are encouraged to bring their own interests and agendas to the table. (Case studies might address, for instance, policing, school busing, mixed income housing, participatory budgeting, universal basic income, etc.) This year, the course is being offered in an immersive, online format with an introduction and five one-week modules. Each module will address one debate: preservation versus progress, democracy versus authority, diversity versus identity, plan versus market, and reform versus revolution. In the first meeting of each week, we will explore the debate’s general contours; in the second meeting, we will investigate its articulation in a specific case study; and in the third meeting, we will hold an in-class debate.

Spring 2023 Courses
The course schedule listed below may be subject to change. Please revisit this page and the online Directory of Classes to confirm our spring course information. You are also welcome to contact us with any questions you may have: architecture@barnard.edu.

ARCH UN1020 Introduction To Architectural Design and Visual Culture. 3 points.
Corequisites: Intended for the non-major, sophomore year and above. Enrollment limited to 18 students.
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. Attendance is mandatory at the first class meeting in order to form class registration lists.

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.

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.

ARCH UN3312 Special Topics In Architecture. 3 points.
Topics vary yearly. Course may be repeated for credit. Attendance is mandatory at the first class meeting in order to form class registration lists.

ARCH UN3901 Senior Seminar. 4 points.
Prerequisites: Enrollment limited to 16 students per section. Open to architecture majors only unless space permits.
Readings, individual class presentations, and written reports. Attendance is mandatory at the first class meeting in order to form class registration lists.