REACH NEW HEIGHTS | THE COOPER UNION

The Irwin S. Chanin School of Architecture
THE IRWIN S. CHANIN SCHOOL OF ARCHITECTURE has a long and well-known tradition of asking students to engage with both abstract and technical questions that connect the built environment to a sense of civic responsibility: How do you design effective public space? What is the role of a monument? How does architecture relate to its site and the larger community? How do materials perform, and can they be deployed in sustainable ways?

At the same time, students, who work together in one large studio regardless of the year of study, are trained in the essential skills of drawing, model-making, and design development while learning analytical and critical uses of digital technologies. More and more, architecture also draws upon an expanding set of disciplines—from biology to computational sciences to interactive technologies—all of which have helped architects re-envision their way of working. A Cooper architectural education motivates students to explore these different perspectives as a basis for expanding their design vocabularies.

Through a five-year, studio-based curriculum, students investigate the role of the architect and the societal and environmental implications of their work, taking cumulative courses in design, structures, building systems, environmental technologies, history and theory, representation, construction management, and the multiple forms of contemporary practice. The goal of Cooper’s architecture faculty, made up of esteemed practitioners and theorists, is to convey to students that designing and building are not just the endpoint of a set of ideas, but can often themselves prompt constructive debate and critical discourse.

Together with core and elective studies in humanities and social sciences, the architecture curriculum culminates in students’ self-defined thesis projects. Humanities and social science-based minors are also available to architecture students who are in good academic standing.
A UNIQUE ENVIRONMENT FOR MAKING

All first- through fourth-year and graduate architecture students are provided full-sized individual workspaces within a single 8,000-square-foot open studio, while fifth-year thesis students work in smaller, adjacent spaces. This shared and open design studio layout promotes the kind of creative dialogue and interactions between students, classes, and faculty that are essential to Cooper’s approach to learning.

Another unique feature of Cooper is the all-college Shop, where architecture students have access to equipment for a wide range of three-dimensional works at all scales. The Shop, which is staffed by professional technical assistants, supports construction and fabrication in wood, metal, plastics, plaster, and clay, and includes welding equipment and a bronze casting foundry.

The Cooper Union was also recently awarded a $2 million grant from the IDC Foundation to create a new multidisciplinary fabrication studio called the Art, Architecture, Construction, and Engineering (AACE) Lab. Once completed, the AACE Lab will offer facilities for students from all professional schools to collaborate on projects involving state-of-the-art “making” technologies, from 3-D printers to robotic arms to virtual reality.
END OF YEAR SHOW

For more than a century and a half, The Cooper Union community has hosted its annual End of Year Show, a tradition that completely transforms classrooms, labs, and studios all across campus into galleries for showcasing student work from the three professional schools—architecture, art, and engineering. The show not only gives students a chance to share the culmination of their experiences from the academic year but invites the general public to see the innovative and critically engaged work for which Cooper students are known.
STRUCTURES I

As part of the Structures I course, architecture students learn how to work with the particular properties of different building materials. Two recent projects that came out of this course challenged students to design and fabricate public installations. The first project, IBEJI, was a collaboration with dieFirma, an art exhibition gallery in the Cooper Square area dedicated to providing a space for the local community to engage with thinkers and makers. The second project, Manifold/Corps et Cadre, was an installation for the 14th Festival des Architectures Vives (FAV), an annual architecture festival that takes place in Montpellier, France.
MoMA MODELS

A highly lauded exhibition at the Museum of Modern Art (MoMA) entitled Toward a Concrete Utopia: Architecture in Yugoslavia, 1948–1980 included five highly detailed, exquisitely executed architectural models conceived and fabricated by students of The Irwin S. Chanin School of Architecture. Students studied the history of Yugoslavian modernism and analyzed the buildings’ structures to replicate their designs in scale while gaining experience working with a client and designing for a museum audience.
MEXICO CITY

For their Third Year Design Studio, a group of students traveled to Mexico City to explore a robust variety of building projects firsthand and conduct immersive architectural analyses. The trip provided the group with an opportunity to witness the buildings they were studying in their programmatic activity, their urban and cultural contexts, and their phenomena of material, space, and light. Site visits, lectures, and discussions were complemented by meetings with distinguished local architects.
AFFORDING COOPER

As an all-honors college, every admitted student receives a half-tuition scholarship valued at $22,275 per year. Applicants will automatically be considered for additional merit-based scholarships. To be considered for need-based financial aid, students must submit the FAFSA.

APPLYING

The Irwin S. Chanin School of Architecture is a highly selective school that admits students based on their talent, potential, and ideas as demonstrated through the completion and submission of our Studio Test. The Studio Test consists of a number of visual and written projects to be completed in approximately 3–4 weeks and returned to The Cooper Union for review.

Students apply to The Cooper Union by completing the Common Application and sending the Office of Admissions the below items.

Due by the application deadline:
• Official high school transcript or GED certificate
• Official college transcript, if applicable
• Official SAT or ACT scores
• Official TOEFL, IELTS, or DET scores, if applicable

Following the application deadline you will receive instructions to submit:
• Completed Studio Test
• Portfolio (Transfer applicants only)

Please note: First-year architecture applicants should not submit a portfolio; submitted portfolios will not be reviewed or returned. Transfer students seeking advanced standing in the studio sequence are required to submit a portfolio in order to be considered for admission. The Cooper Union does not use an online portal.
THE IRWIN S. CHANIN
SCHOOL OF ARCHITECTURE

DEADLINES: FALL 2020 APPLICANTS

UNDERGRADUATE

Early Decision: December 2, 2019
Regular Decision: January 6, 2020

GRADUATE

Master of Science in Architecture
January 6, 2020

• The Office of Admissions hosts tours throughout the year to give visitors a look at The Cooper Union’s campus and facilities.
  cooper.edu/admissions/visit

• The Cooper Union maintains its dedication to civic discourse through a variety of public events, talks, and exhibitions.
  cooper.edu/events-and-exhibitions