MASTER OF ARCHITECTURE

IIT ARCHITECTURE
CHICAGO

HOW TO APPLY TO M.ARCH.

Our M.ARCH. degree is an accredited professional degree that allows our graduates to become licensed architects. The curriculum prepares students to make and remake a better world. Building on our renowned legacy, we emphasize design, technological innovation, and creative inquiry in a hands-on professional learning environment. Depending on previous education, students enter the program in either the full three-year or the advanced-standing two-year sequence. For detailed information about graduate admission requirements, deadlines, and scholarships, please visit arch.iit.edu/admissions/graduate, call +1 312.567.3260, or email arch@iit.edu.

Master of Architecture Program
Illinois Institute of Technology
College of Architecture

Production by Martin Felsen, Branden Pentico, and the architecture students who provided images of their work.

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M.ARCH. DIRECTOR'S LETTER

Our Master of Architecture degree prepares students to make and remake a better world. Building on our renowned legacy, we emphasize design, technological innovation, and creative inquiry in a hands-on professional learning environment. Melding design and technology is our underlying strength, our expertise, and our mission as makers of the built environment.

Tomorrow's architects will need to be nimble, scouting novel paths through the profession. With this in mind, our M.ARCH. program stresses research, analysis, and synthesis as preparation for an expanding disciplinary field in which resourcefulness and daring are rewarded. We are committed to helping our graduates become exceptional design leaders as well as global citizens.

The city of Chicago offers a ready-made urban laboratory for all of our efforts. Our location in a global city allows us to bring together expert designers, engineers, technologists, and theorists drawn from the most prestigious firms in the city and beyond.

Our M.ARCH. curriculum is centered around design studios led by prominent architects. Each studio offers a distinctive learning environment in which students sharpen their capacity to think critically, experiment speculatively, and make architecture ambitiously. Beyond the studio we offer an integrated architecture education spanning building technology, architecture history and theory, professional practice, and digital fabrication and visualization.

Please join us for this work.

Martin Felsen, FAIA
Associate Professor and Director
Master of Architecture Program
Illinois Institute of Technology

IIT ARCHITECTURE CHICAGO

As a direct descendant of the Bauhaus, IIT Architecture builds on a legacy of experimentation in design and technology that has inspired generations of architects. With the unparalleled resource of Chicago as a point of departure, our research and design topics engage students directly with the contemporary challenges of architecture, landscape architecture, and urbanism. Courses spring from our renowned history of disciplined research, analysis, and synthesis. These skills allow our graduates to seize professional opportunities and explore new territories of investigation. In our extensive fabrication workshop and design labs, students engage cutting-edge software and equipment to investigate structural systems and refine building details, while translating their ideas into physical and digital form in our comprehensive studio courses. Thanks to our strong ties to world-renowned practices both locally and abroad, students are able to directly interact with professionals and firms, addressing real-world architecture challenges through immersive coursework, study-abroad programs, and exclusive internship opportunities.

Illinois Institute of Technology's campus, designed by renowned architect Ludwig Mies van der Rohe, is located just south of Chicago's vibrant and architecturally rich downtown. Our proximate and collaborative relationship with the nation's third-largest city provides both inspiration and a fertile testing ground for research and practice, as students learn from and work in a global metropolis. As such, many of IIT Architecture's students and faculty have left their mark on Chicago, including, among many others, Alfred Caldwell's Promontory Point, Bruce Graham and Fazlur Khan's Sears (now Willis) Tower and John Hancock Building, and Krueck + Sexton's Spertus Institute for Jewish Learning and Leadership.

S. R. Crown Hall, a modern masterpiece that *Time* calls "one of the world's most influential, inspiring, and astonishing structures," is IIT Architecture's home.

Designed by Ludwig Mies van der Rohe in 1956, Crown Hall cohesively represents his architectural concepts and theories in their most complete and mature form. A National Historic Landmark, Crown Hall is a straightforward expression of construction and materiality, which allows the structure to transcend into art. Its refinement and innovation places it among the most distinguished buildings of its age and define its importance in the history of architecture.

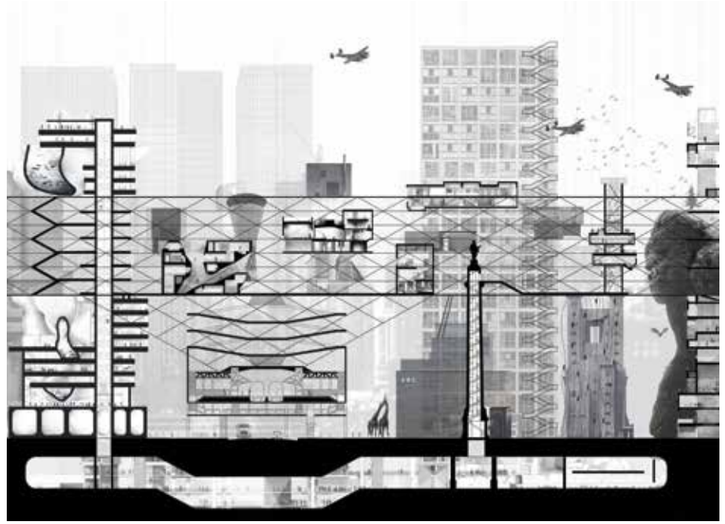
The column-free open plan of Crown Hall's main floor demonstrates Mies' innovative concept of creating universal space that can be infinitely adapted to changing use. Its expansive size of 120×220 feet in floor area, with a ceiling height of 18 feet, allows individual classes to be held simultaneously without disruption while maintaining creative interaction between faculty and students. The roof of the building is suspended from the underside of four steel plate girders that are supported by eight exterior steel columns spaced at 60-foot intervals. The interior is divided by free-standing oak partitions that demark spaces for classes, lectures, and exhibits.

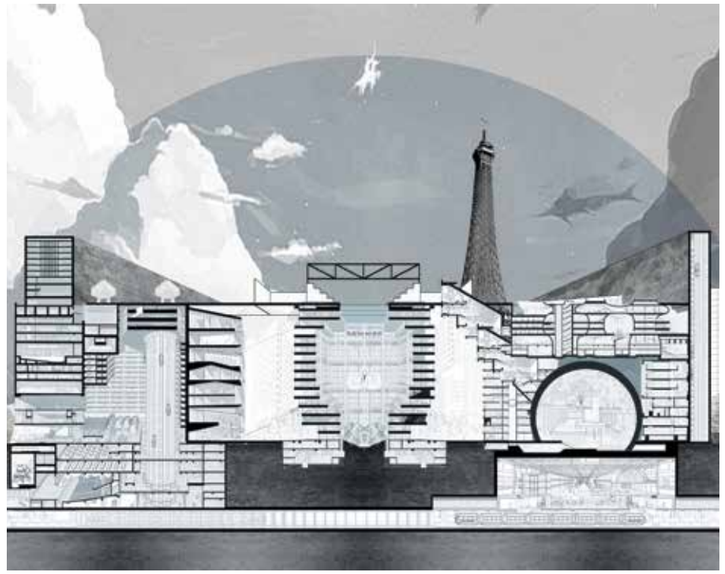
S. R. Crown Hall was granted National Historic Landmark status in 2001 by the National Park Service, U. S. Department of the Interior.

MASTER OF ARCHITECTURE ADVANCED ARCHITECTURE OPTION STUDIOS V AND VI

Advanced Studios engage both Illinois Institute of Technology architecture faculty and a select group of visiting studio professors noted for their outstanding professional experience in contemporary practice. The focus of each studio is design experimentation that yields highly resolved, complex architecture design projects. Studios work on sites within Chicago and explore urban areas around the globe, focusing on challenges that shape the built environment. Students design structural and material systems that recognize issues of ecology as well as the broader integrated concerns of climate, energy and natural resource use, and sustainability. Uniting the diverse strands of urban place-making, economic diversity, social equity, and environmental stewardship, Advanced Studios promote the design of buildings and places that reflect the values of their inhabitants and create a lasting sense of community with meaningful identity.

The Advanced Studio program provides the intellectual climate as well as the material infrastructure to explore the larger forces that influence the growth of cities. In the contemporary world, alternative models of design are necessary to make a transformative impact on the built environment. Design work in Advanced Studios at IIT directly engages real-life challenges and design-based solutions. As they impart principles that advance aesthetic and analytical skills, the Advanced Studios offer students the means to leverage intuition and insight to discover better ways to enhance the built environment.





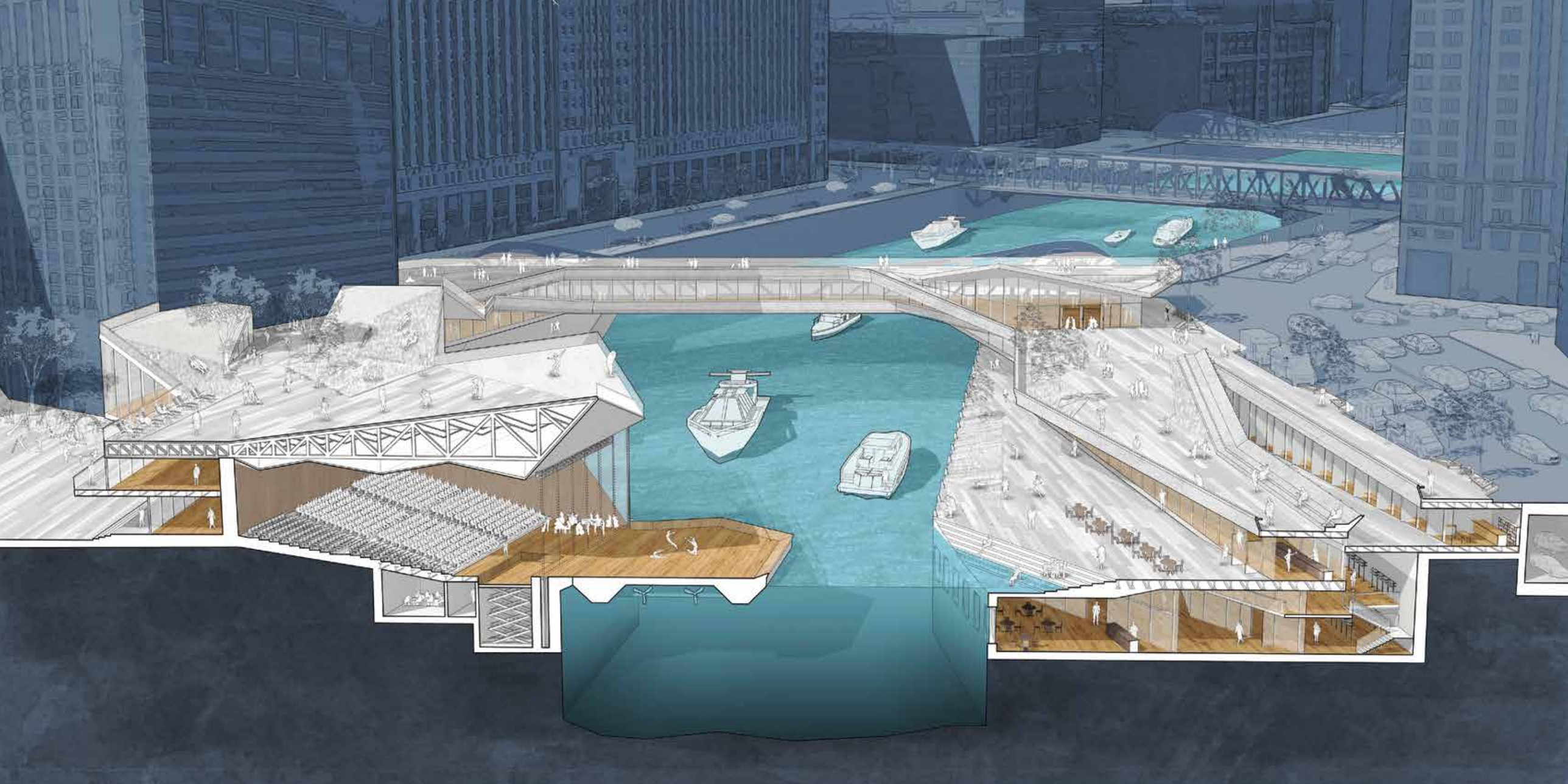
ADVANCED ARCHITECTURE
OPTION STUDIOS V AND VI

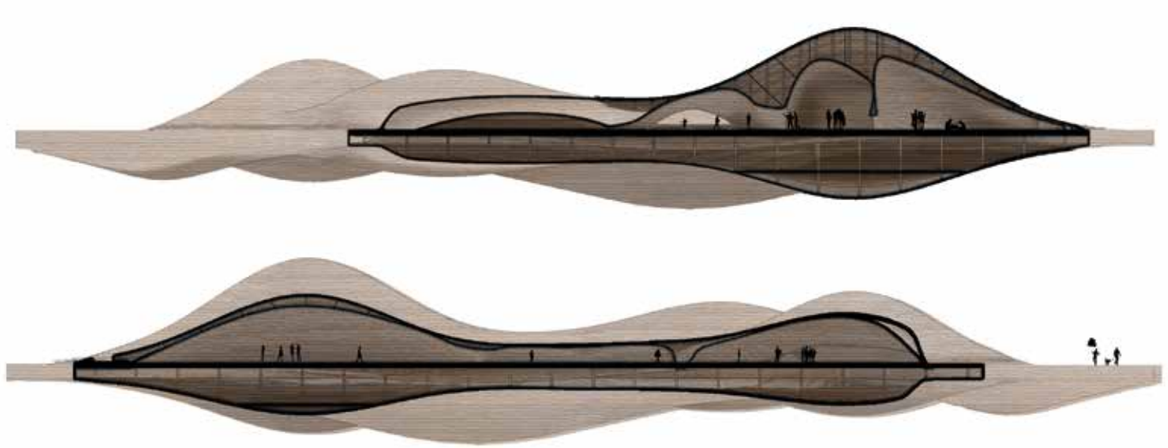
Instructor:
Martin Felsen

Studio:
Waterform Building

Studio Brief:
Chicago's expansive waterfront includes the shores of Lake Michigan and the banks of the Chicago River. The studio explored the potential for an innovative new water mobility route linking Chicago's extensive waterfront with Chicago's inland grid. This new water route is punctuated by "waterform building hubs," which link Chicago's streets (drivers, bicyclists, and pedestrians) with a new water-based waterbus, or "vaporetto," transit system. The studio defined new vaporetto routes, considered vaporetto stops in key locations, and designed several new architectural centers of activity (hubs) along the new vaporetto routes. The new route and hub mobility network dramatically expands Chicago's existing water taxi system.

Students:
Ziwei Deng, Yechi Zhang
(opposite, this page, following pages)
Wei Wu, Renrui Zheng
(this page)





ADVANCED ARCHITECTURE
OPTION STUDIOS V AND VI

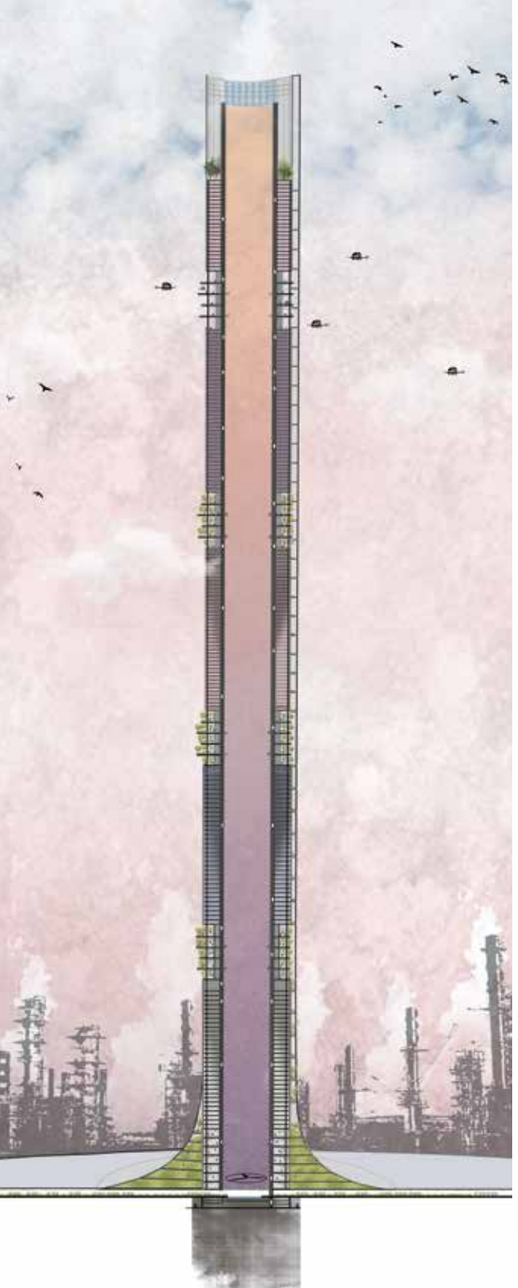
Instructor:
Vedran Mimica

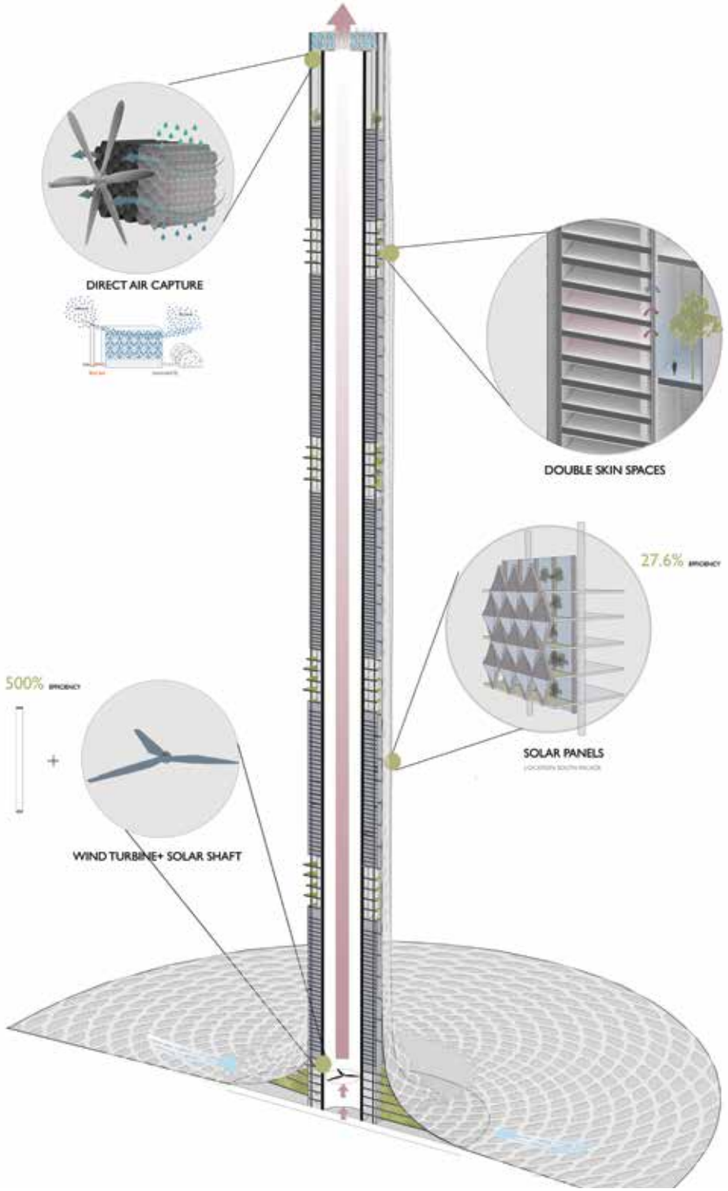
Studio:
Pavilion Stasis

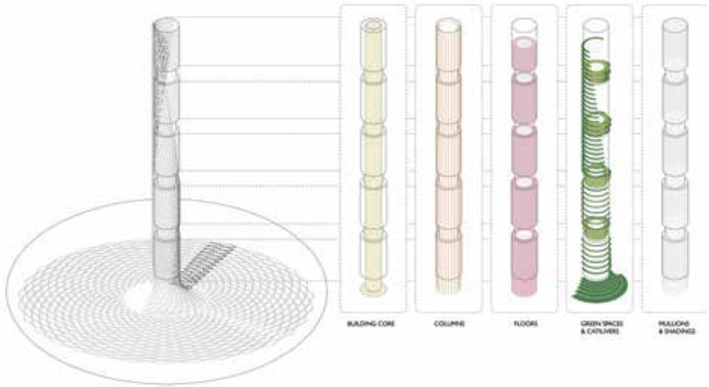
Studio Brief:
Pavilions Stasis is a design-based research studio revisiting the history of the last 100 years of architectural statements in a form of various pavilions while projecting new pavilions for the Cultural Capital of Europe, Rijeka 2020. Beginning with the "Pavillon de l'Esprit Nouveau" at the Paris Exposition des Arts Décoratifs of 1925 and the German Pavilion by Ludwig Mies van der Rohe for the 1929 International Exposition in Barcelona, students researched primary examples of pavilions at world expos, biennials, and the Serpentine Galleries program, and proposals for Expo 2020 Dubai. After this research phase, students designed different pavilions in Rijeka, Croatia, that are programmatically similar to researched historical and contemporary pavilions.

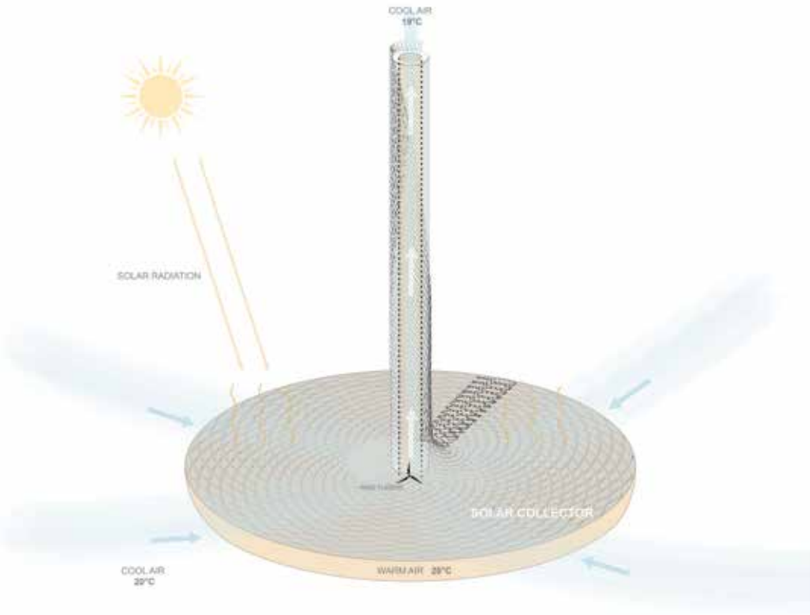
Students:
Yuchen Tong, Huazhong Wang
(opposite page),
Isabel Fitzpatrick-Meyers, Marya D. Kanakis, Marcus J. Malesh
(this page)

Students:
Junghyo Woo, Sanghyo Kim,
Priya Ramasamy









ADVANCED ARCHITECTURE
OPTION STUDIOS V AND VI

Instructors:
Peng Du and Antony Wood with assistance from the Council on Tall Buildings and Urban Habitat and Skidmore, Owings & Merrill

Studio:
Sustainable Vertical Urbanism: Toward Net-Zero Carbon Skyscrapers

Studio Brief:
Tall buildings are an increasingly important solution for accommodating sustainable growth in today's urban areas. But are tall buildings truly a sustainable building type? Can tall buildings really become carbon-neutral (or even carbon-positive)? In addition, what is their full impact on cities and the lives of their inhabitants? The design studio conducted research to develop a typology of net-zero skyscrapers that integrate sustainable design strategies and technologies, not only in terms of carbon mitigation, but also in terms of internal environment, building community, and the impact of the building on the physical, social, and cultural realms. The studio embraced abstract skyscraper designs based on significant research.

Students:
Wanying Wu, Shruti Cherian, Joseph Dixon
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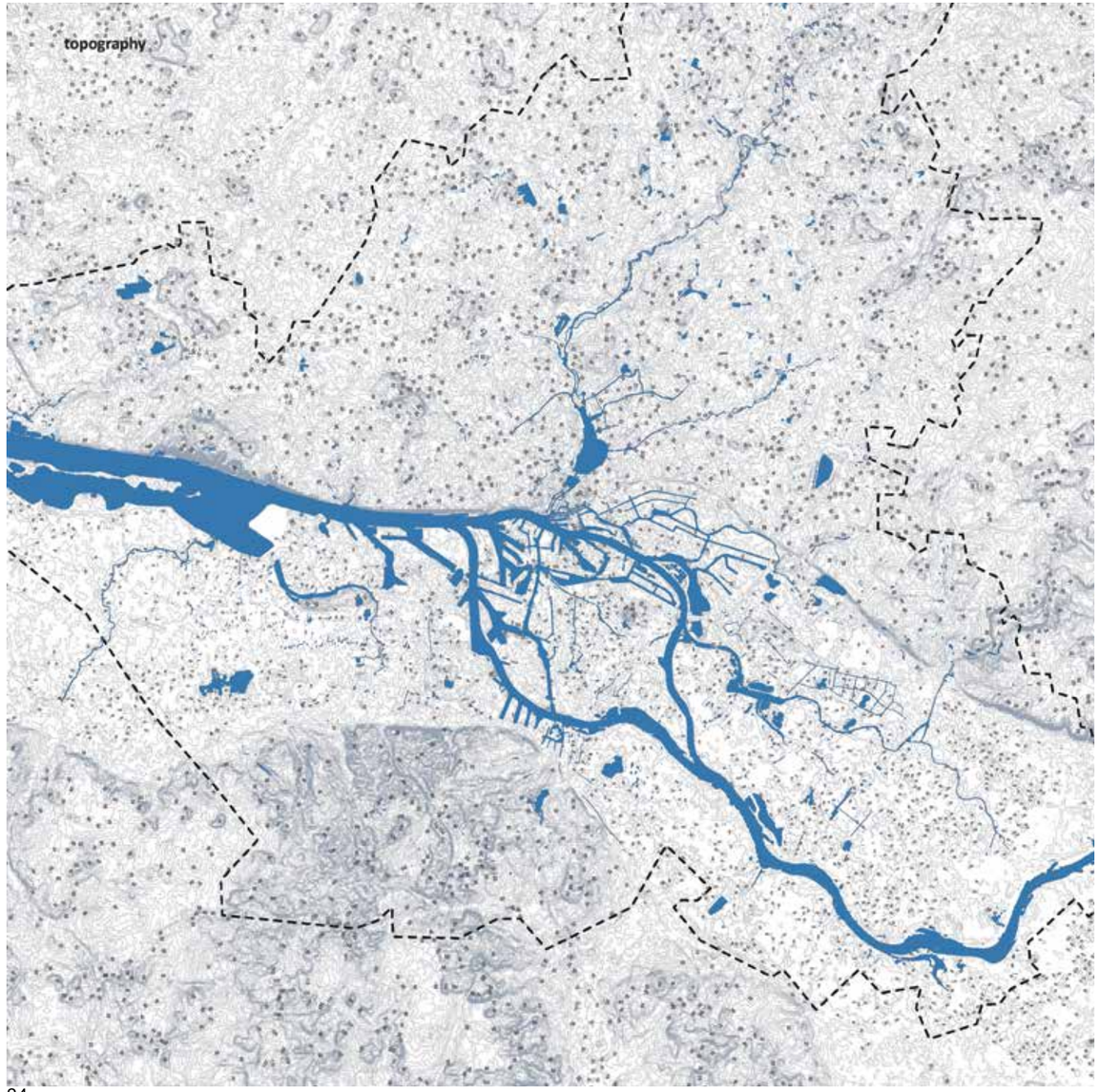

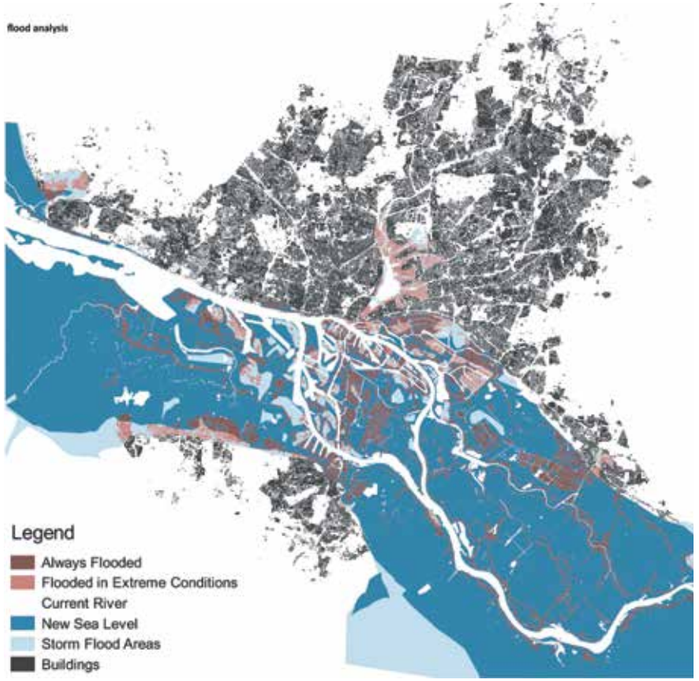

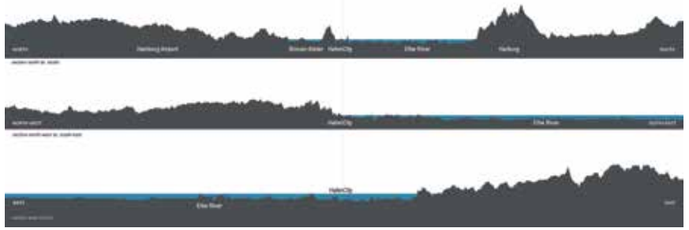

ADVANCED ARCHITECTURE
OPTION STUDIOS V AND VI

Instructor:
Martin Kläschen

Studio:
Abroad Studio in Hamburg,
at HafenCity University

Studio Brief:
The studio visited and explored Hamburg, Germany, as a real city laboratory. The studio studied historic archetypes around Europe's ports and their reuse today. Design investigations were conducted on various scales of Hamburg's multifaceted intertwinement between its waters and recent architectural and urban developments, such as houseboat, water transit capacities, and port facilities.

Students:
Bin Liu, Yue Liu, Sharron Scott,
Shenghao Zhang
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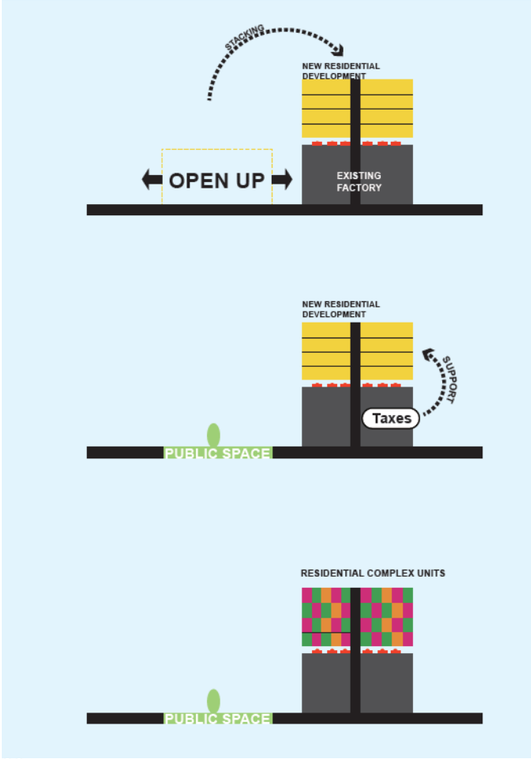
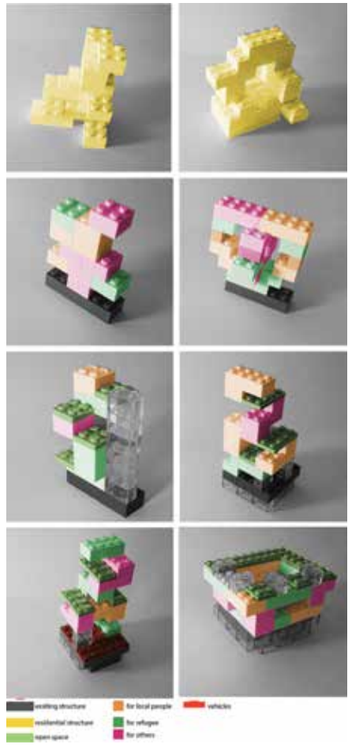
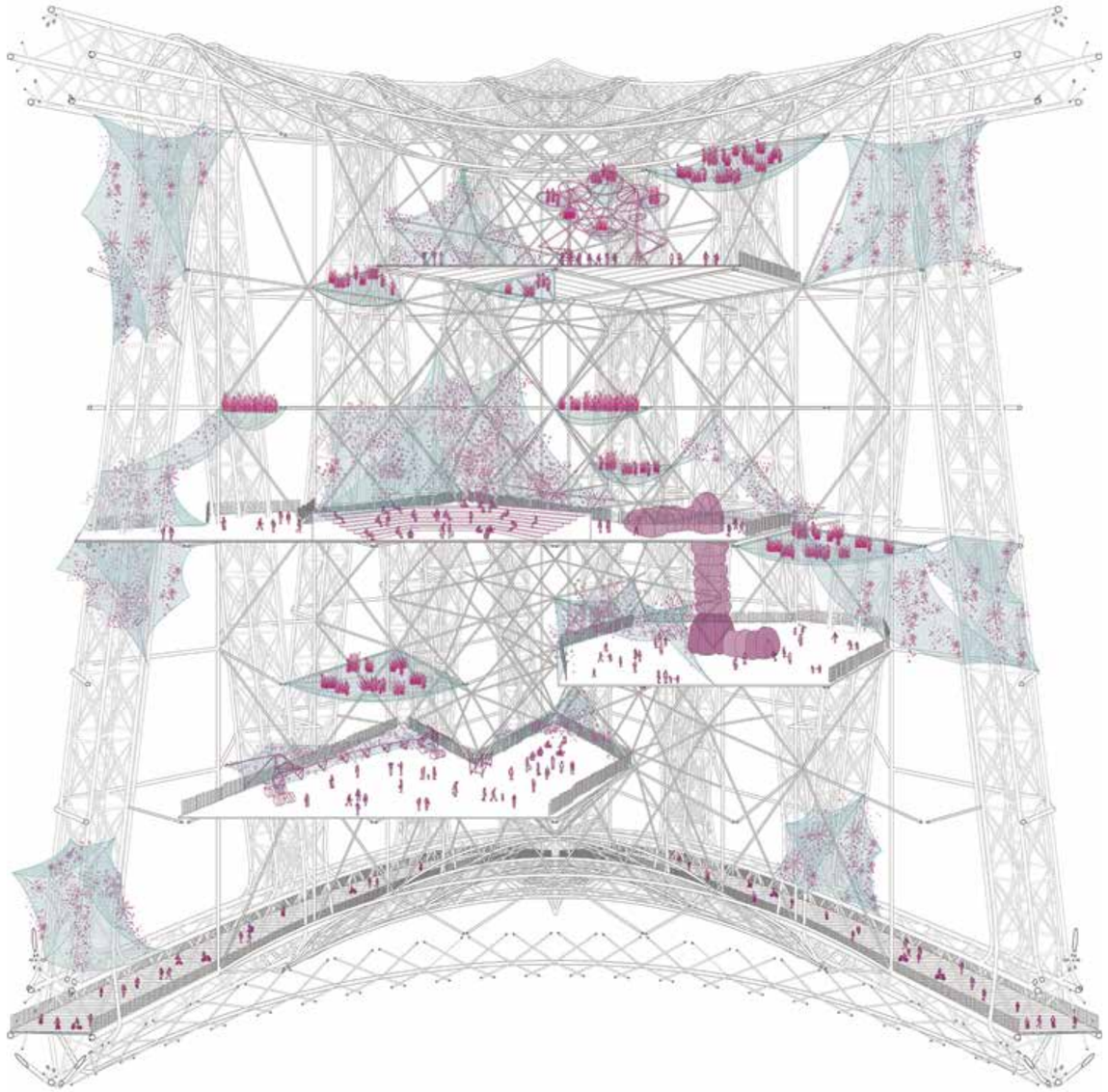
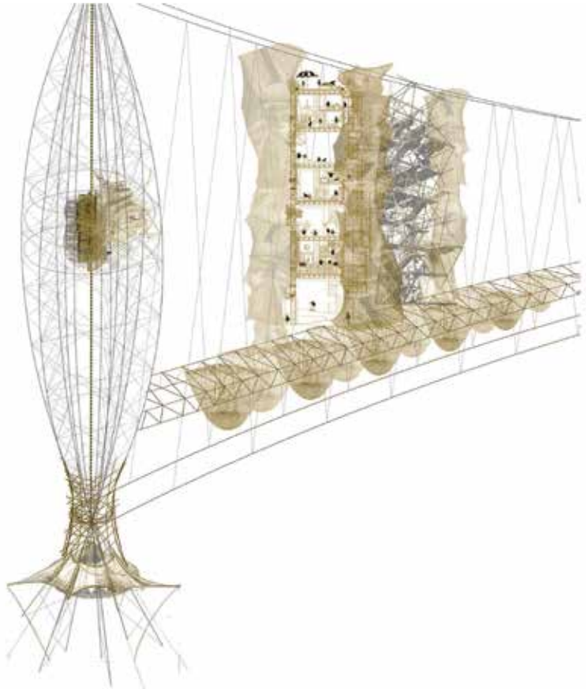
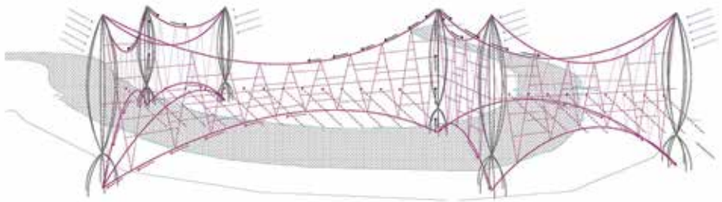


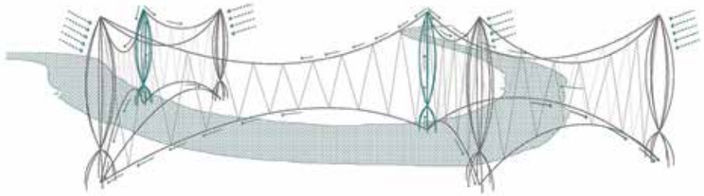


Student:
Bin Liu
(this page and opposite page)









ADVANCED ARCHITECTURE
OPTION STUDIOS V AND VI

Instructor:
Susan Conger-Austin, Paul Endres

Studio:
The Living Bridge: A Study in Lightness

Studio Brief:
Employing the concept of "lightness" as a strategy, the studio used the least amount of material to provide maximum benefit to achieve a new typology for collective housing within an urban setting. The studio focused the potential of a material–wood –and in particular, bamboo, to discover how the invention of form coincides with the invention of the building process. Students considered the creation of a living landform, one that can become more sustainable as the metropolis matures. Investigations explored the potential of living on and within a bridge. Approaches to infrastructural requirements captured both a humanistic position and organizational hypotheses, and new systems enabled new forms of building instead of the building informing systems.

Students:
Marta Arrizabalaga, Maria De La Fuente, Stefano Dissette, Julia Saez Calabuig
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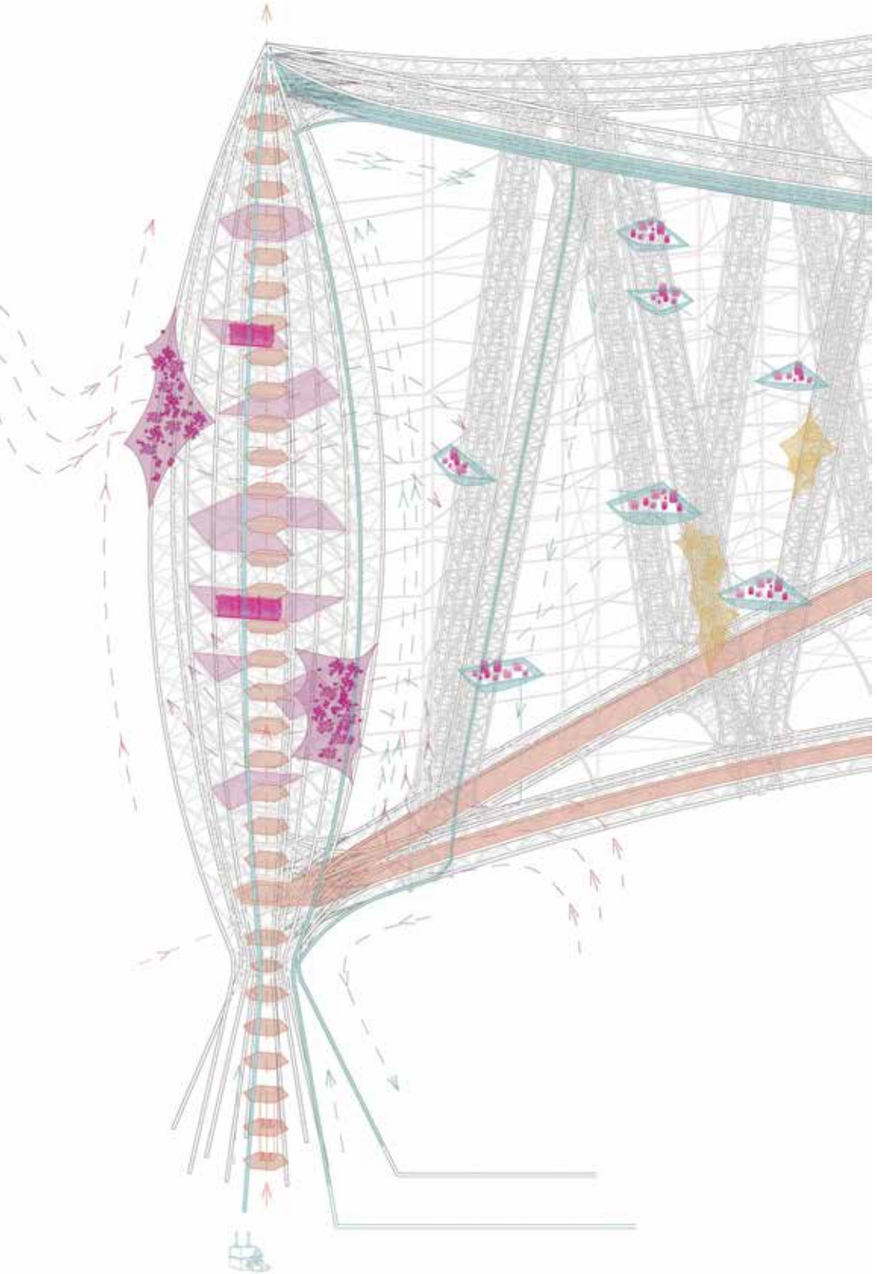
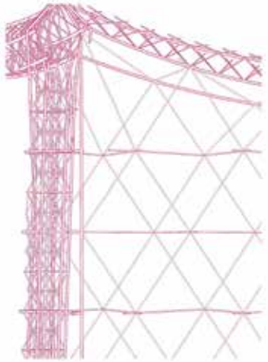
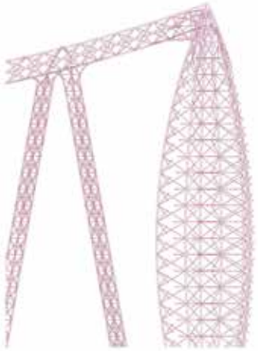
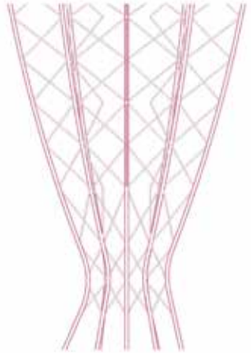
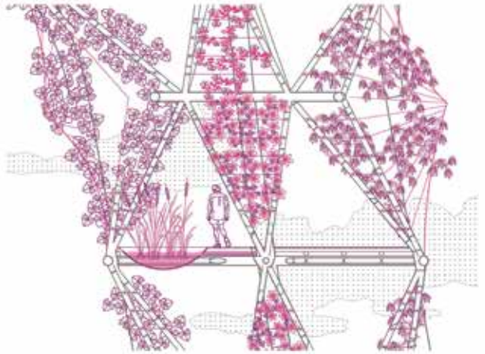
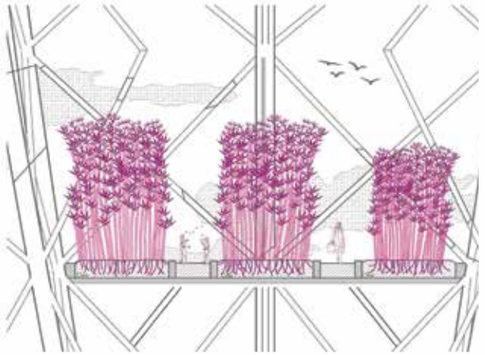


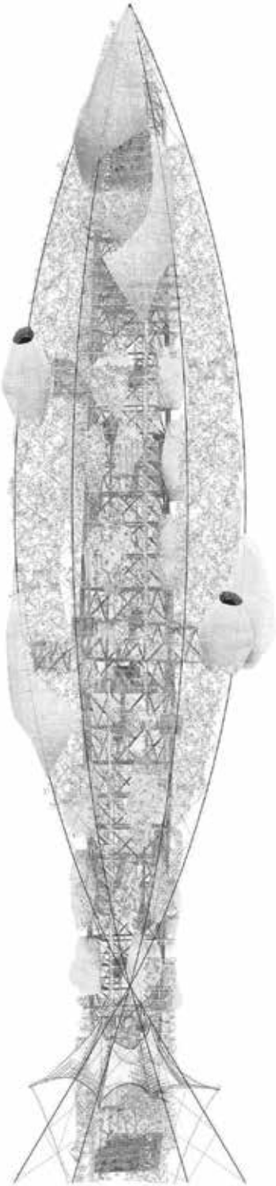


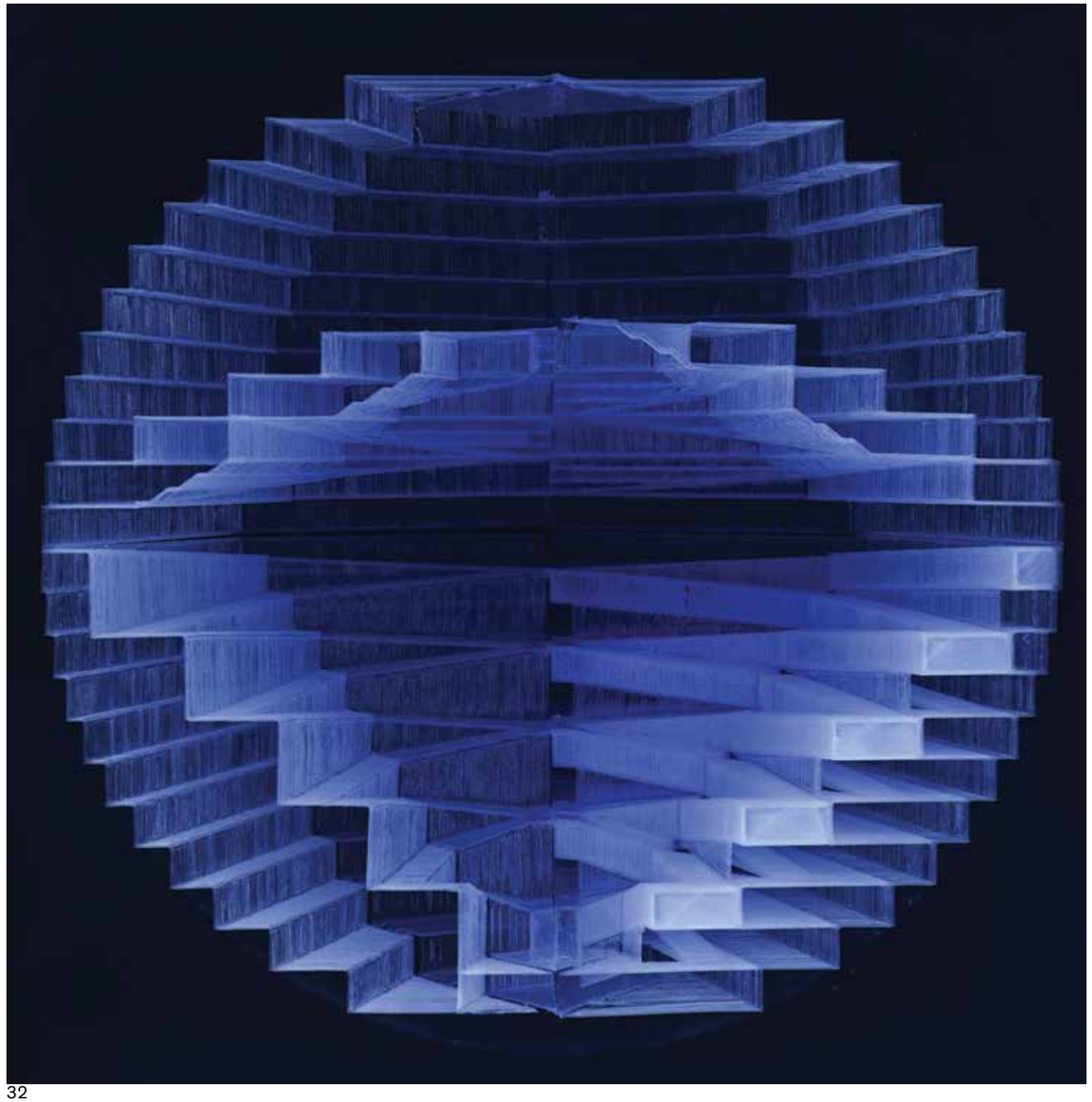


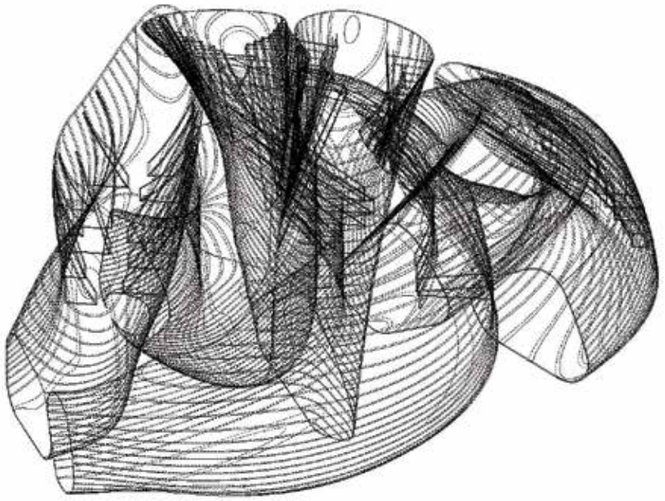


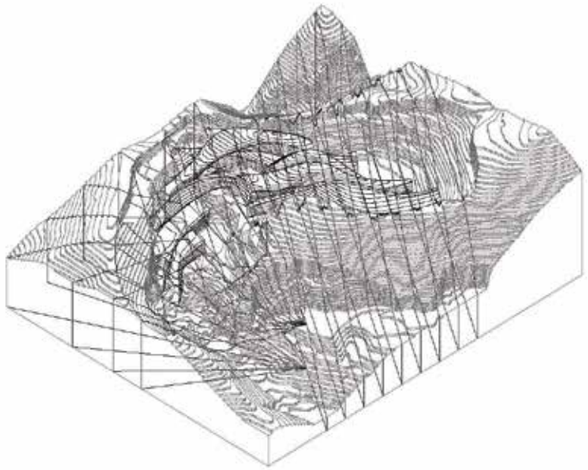












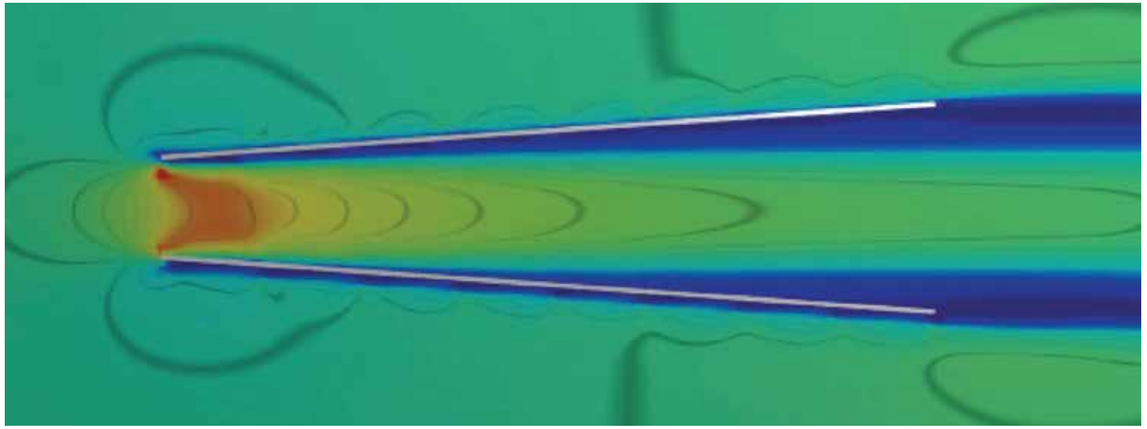
ADVANCED ARCHITECTURE
OPTION STUDIOS V AND VI

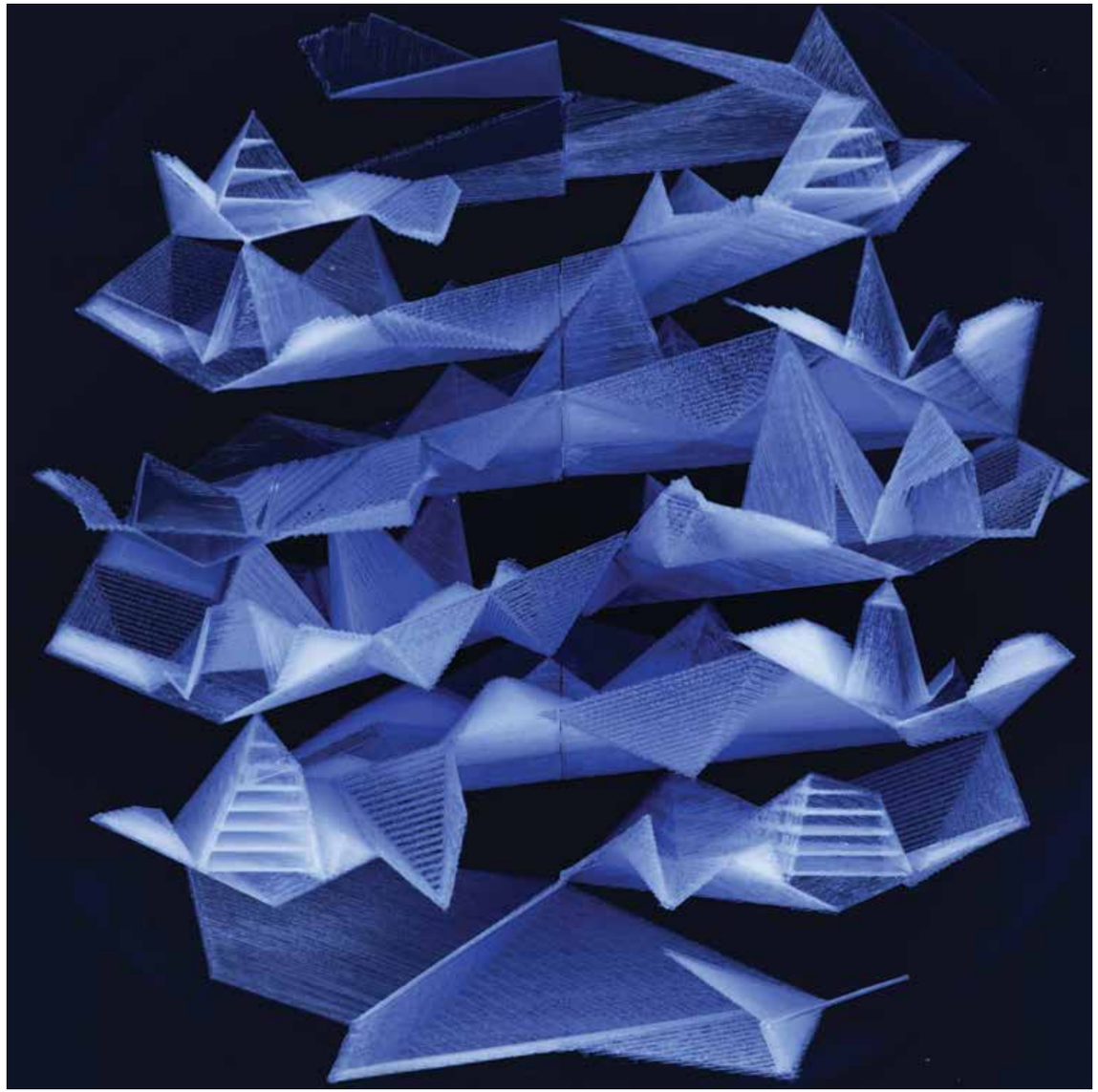
Instructor:
Lluís Ortega

Studio:
Architectures of the Invisible, Primitives of a Systemic Art

Studio Brief:
Architectures of the Invisible is a multiyear research project that explores the use of advanced design techniques for expanding modes of architecture and addressing urgent cultural and disciplinary matters. Some of those questions, such as the notion of social participation or the response to environmental urgencies, were already explored in the 1960s. But while those proposals adopted the form of theories and utopian imagination, today new design techniques and technologies empower architects to develop previously unthinkable architectural designs. One of the advances of digital technology in architecture is the intensification of the use of non-visible forces in the organization of projects.

Students:
Howard Zhang (opposite page)
Juan Ramon (this page and next page)
Zhixuan Wei (following, right page)

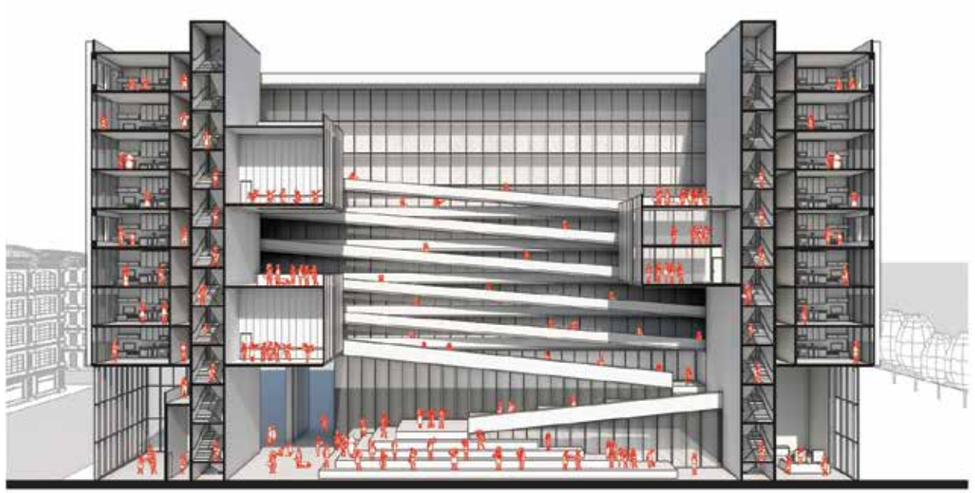




MASTER OF ARCHITECTURE
ARCHITECTURE STUDIOS III AND IV

The first semester of the three-year graduate program's second year (and the first semester of the two-year, advanced standing program) focuses on the design and structural engineering of high-volume residential buildings. The design of housing in cities such as Chicago is a story of bold experimentation and innovation but also contradictions and controversy. Chicago has been at the forefront of developing new types of public and private housing and design strategies to improve public health since the city's founding. Students are exposed to a variety of housing and hybrid buildings and undertake research projects in select cities around the world to compare and contrast a variety of issues such as density, dwelling unit types, mixed-use programing, materiality, development models, cultural norms, and relationships between functionality and luxury.

The second semester of the second year (and the second semester of the two-year, advanced standing program) focuses on the design of mixed-use institutional buildings. These buildings house a large number of workers, visitors, and high-tech equipment for making and exhibiting products in the city. Mixed-use buildings are a vital part of twenty-first century architecture. Thanks to the constant advancement of new technologies, buildings that contain an amalgam of complementary programs such as office, meeting, and public exhibition spaces are emerging in cities around the globe. Special attention is given to the design of building material and spatial efficiency, environmental sustainability, mechanical system selection, envelope design, energy use and efficiency, and natural resource usage.



ARCHITECTURE STUDIOS III AND IV

Instructors:
Tom Brock, David Brinistool, Andrew Metter
Studio III:
Housing/High-Rise

Studio Brief:
Complex sites and programs are introduced through the study of mixed-use, multiunit residential developments that are usually allied with an institutional or commercial venture. Research of building typologies culminates in detailed analyses of multiple precedents and a programming document that becomes the basis for individual building designs. An urban context study furthers students' understanding of a particular site, usually situated in an inner-urban Chicago neighborhood, where a high-rise solution would be the obvious choice. Students fully develop and integrate structural framing concepts in consultation with dedicated engineering faculty as well as studio faculty. Sustainable design concepts and informed material selection increase the students' understanding of the holistic design of buildings.

Students:
Alexander Aparicio, Alexis Arias-Betancourt, Branden Pentico
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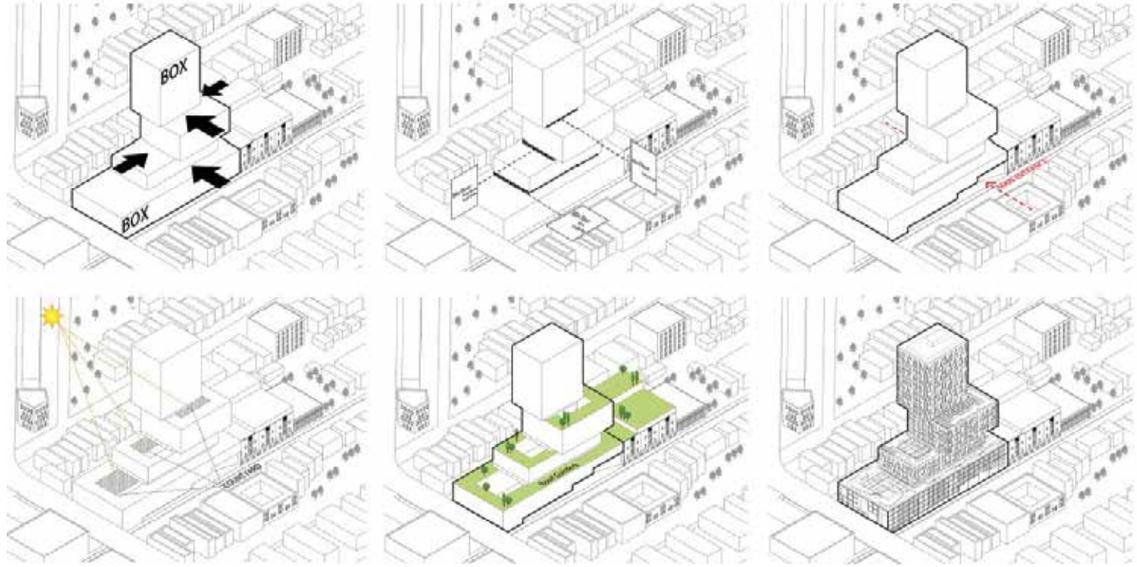

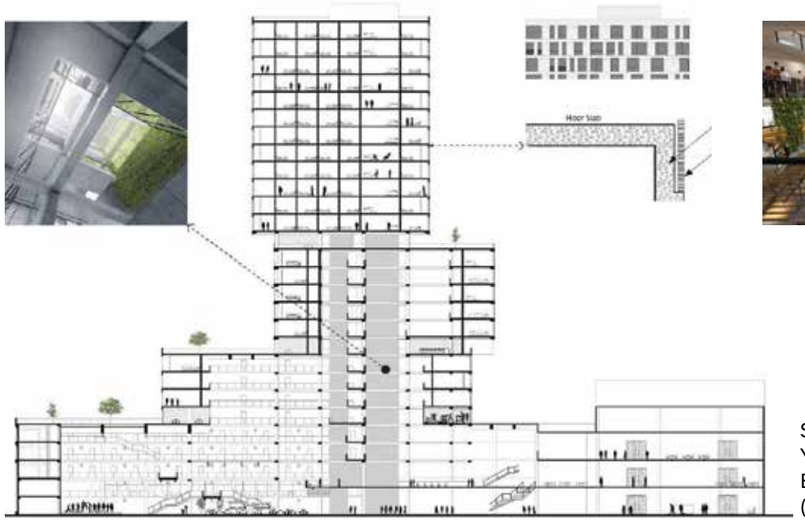

Students:
Yinqiang Liu, Weiran Wang,
Bau-Kuan Yeh
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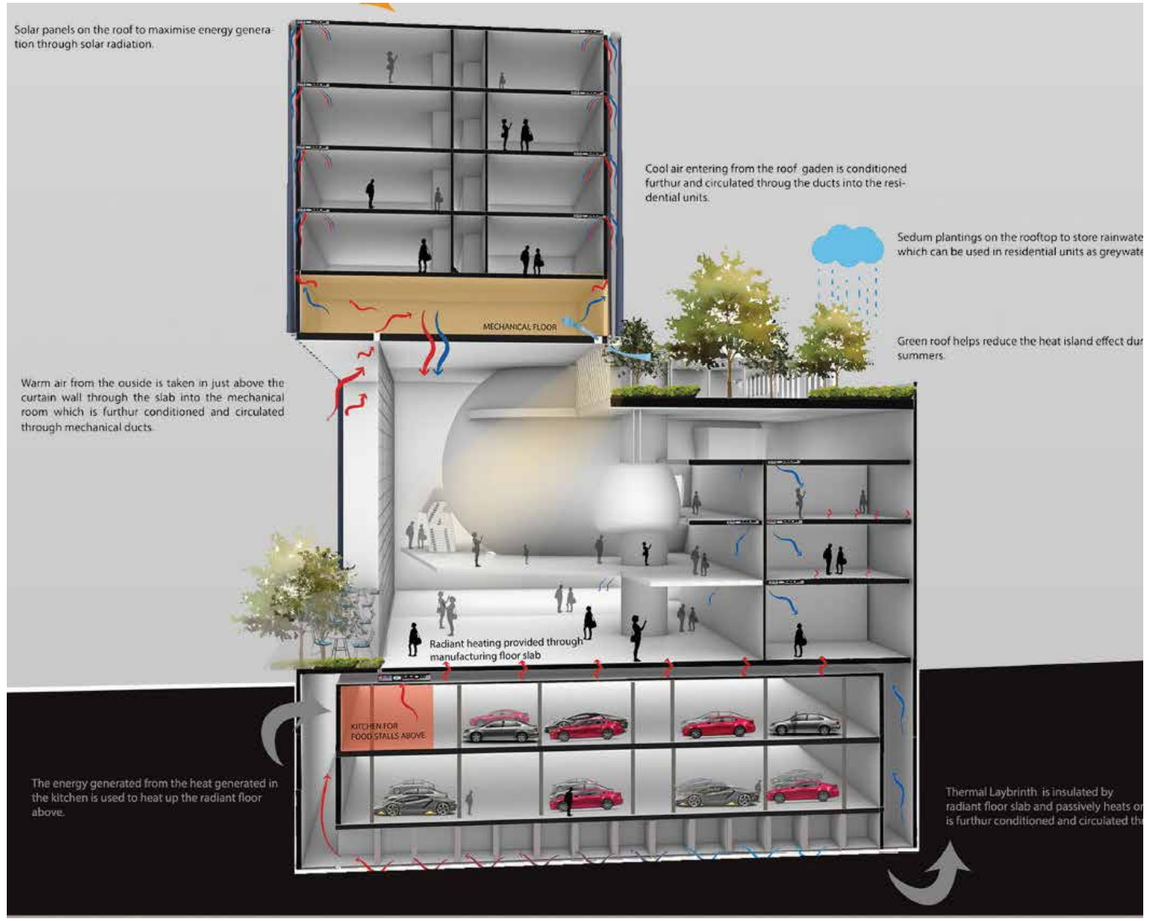
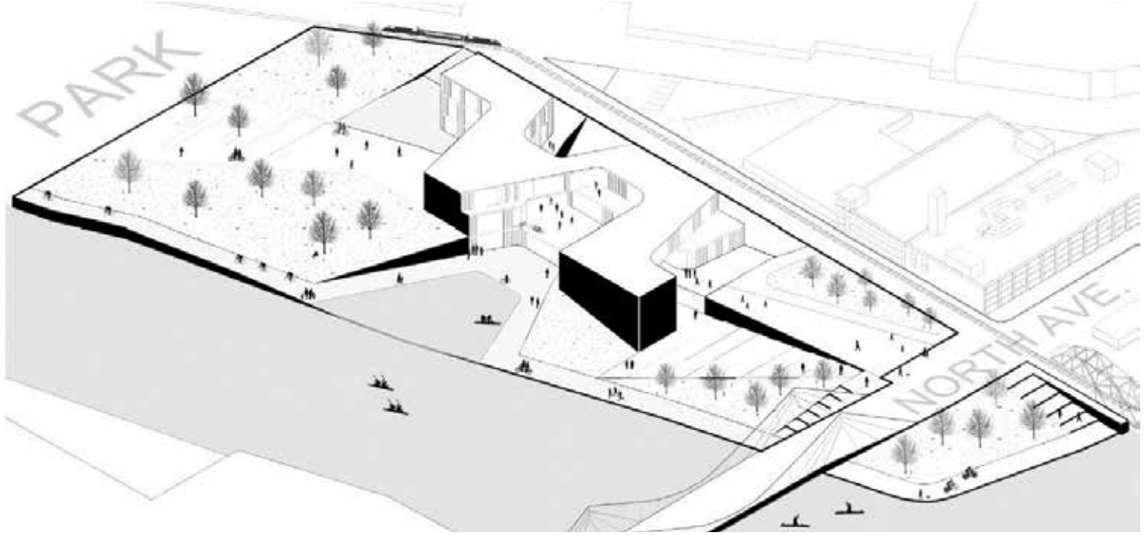


Students:
Simrati Dhingra, Shubhangini Malhotra, Torin Schuster
(this page and opposite page)



Architecture Studios III and IV

Instructors:
Tom Brock, David Brinistool, Andrew Metter

Studio IV:
Institution/Long-Span Structure

Studio Brief:
This studio is an introduction to problems, programs, and contexts that are unique to institutional architecture within the city focused on the creation of forward-looking strategies for renewed civic and cultural development. Because this studio is the only required integrative studio for the Master of Architecture degree program, all students must demonstrate that they are capable of producing a single building project demonstrating the synthesis of ecological planning, programming and code analysis, structure, and building systems. Students research and produce a building program based on necessary code and logistics research, building theme and precedent analysis, context documentation, and site-specific questions.

Students:
Alexis Arias-Betancourt,
Divya Malpani, Nandin-Erdine
Dashdondog
(this page and opposite page,
and next two page spreads)

Students:
Alexander Aparicio, Qin Lu,
Yilie Wang
(this page and opposite page,
and next page spread)

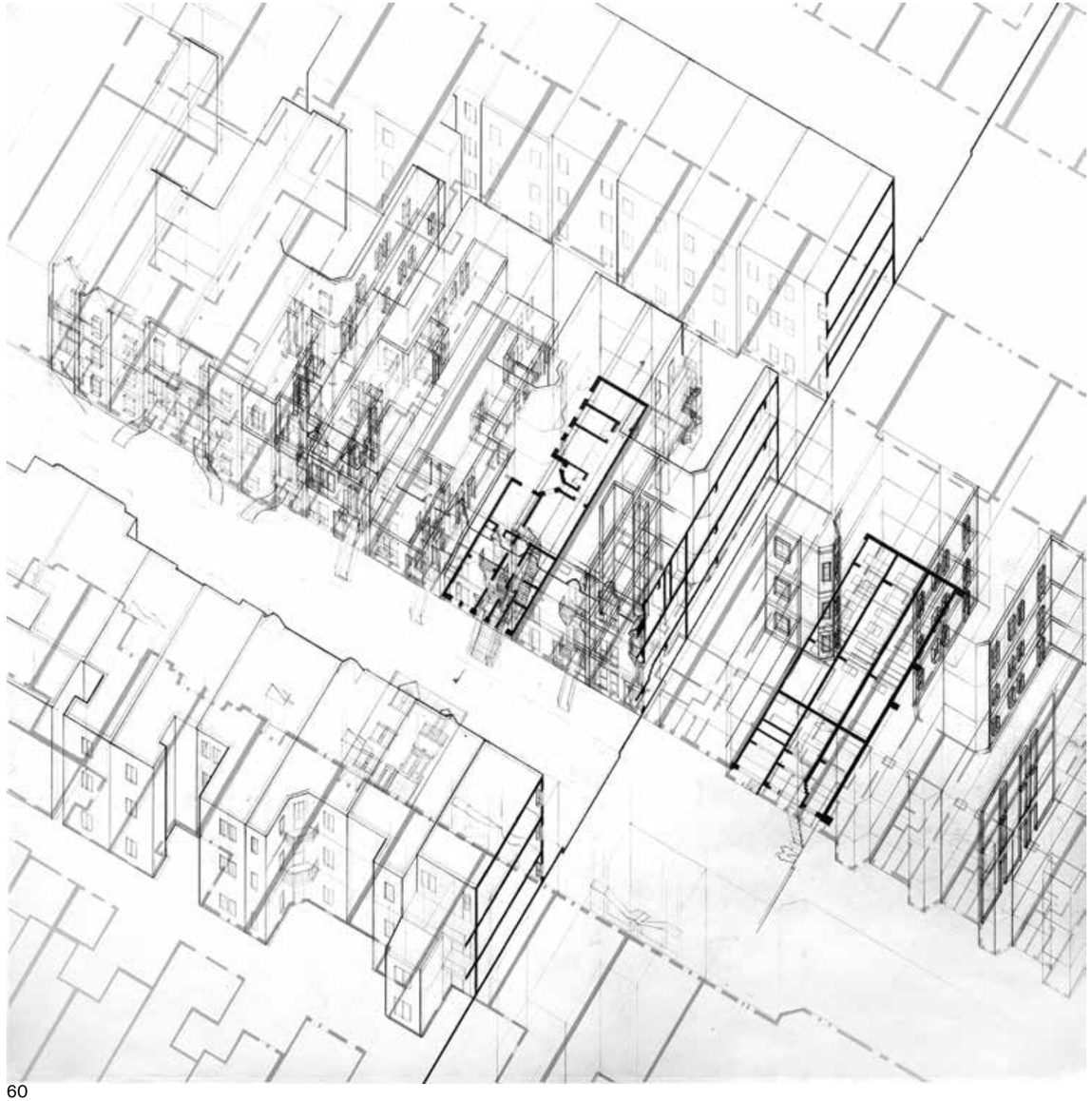
Students:
Ting-Ying Lu, Weiran Wang,
Simrati Dhingra
(this page and opposite page, and
and next page spread)

Studio final review

MASTER OF ARCHITECTURE
ARCHITECTURE STUDIOS I AND II

The first year, first semester of the three-year graduate program focuses on the tools, techniques, methods, and methodologies of architectural design. The studio investigates the articulation of space, tectonic assembly, and human behavior as critical foundations of the making of the built environment. The studio focuses on developing core drawing, making, thinking, and communication skills via a series of discrete projects that aggregate into a comprehensive body of work. Investigation of the techniques and methods of architectural design and representation are interwoven with an exploration of site, place, inhabitation, and elemental spatial archetypes. The studio is largely composed of two primary projects—Composite City and Inhabited Archetypes—with specific iterative phases and deliverables structured to operate as a complementary whole.

The first year, second semester of the of the three-year graduate program focuses on the development of the fundamental aspects of form, space, structure, and materiality explored through the design of a small neighborhood building. The design-based investigation focuses on the study of spatial organization, public space, user experiences, and basic tectonic principles, and examines the arrangement and relations between the parts and elements of the urban environment. Through a series of assignments, students are guided step by step through the design process. The first part of the semester focuses on understanding the project's context through the careful investigation of current issues, historical and contemporary precedents, and an in-depth analysis and documentation of a particular site within a specific neighborhood in Chicago.



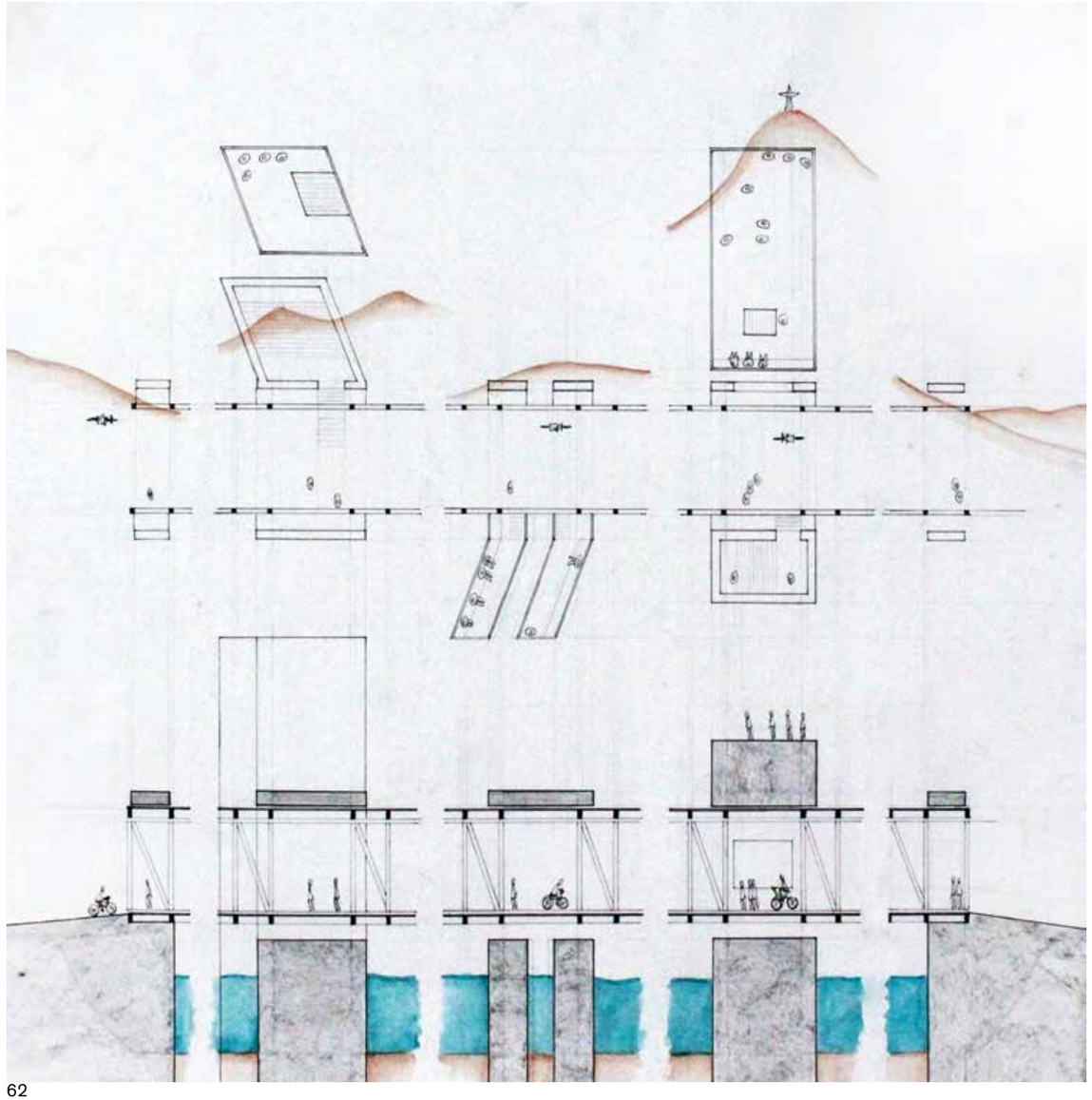
ARCHITECTURE STUDIOS I AND II

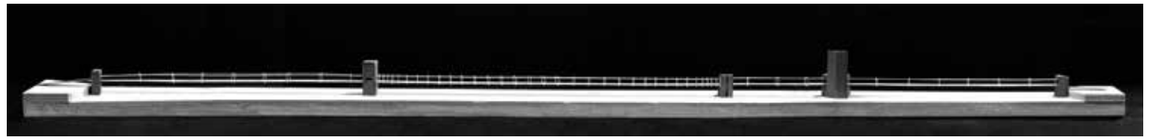
Instructor:
Leslie Johnson

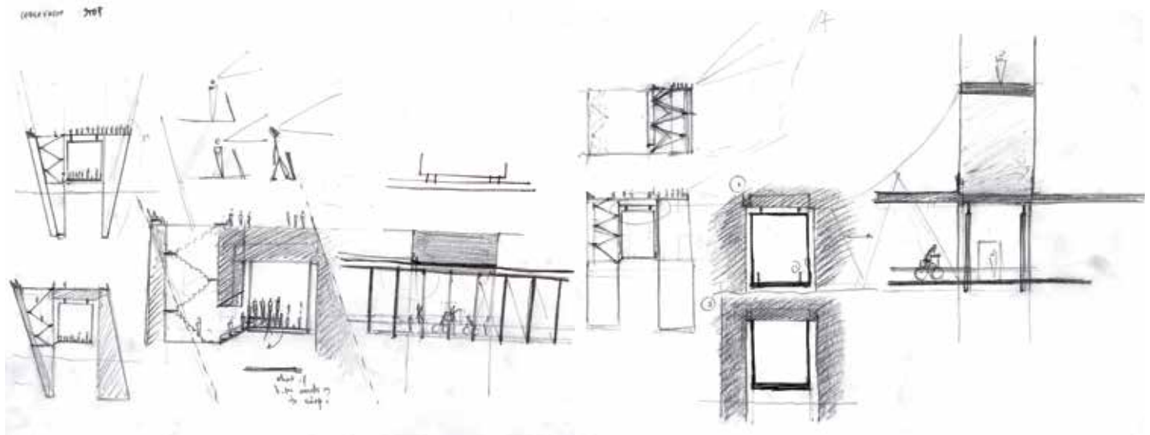
Studio I:
Fundamentals of Architecture

Studio Brief:
This first semester studio of the three-year graduate program focuses on the tools, techniques, methods, and methodologies of architectural design. The studio investigates the articulation of space, tectonic assembly, and human behavior as critical foundations of the making of the built environment. The studio focuses on developing core drawing, making, thinking, and communication skills via a series of discrete projects that aggregate into a comprehensive body of work. Analytical investigation of the techniques and methods of architectural design and representation are interwoven with an analytical investigation of site, place, inhabitation, and elemental spatial archetypes.

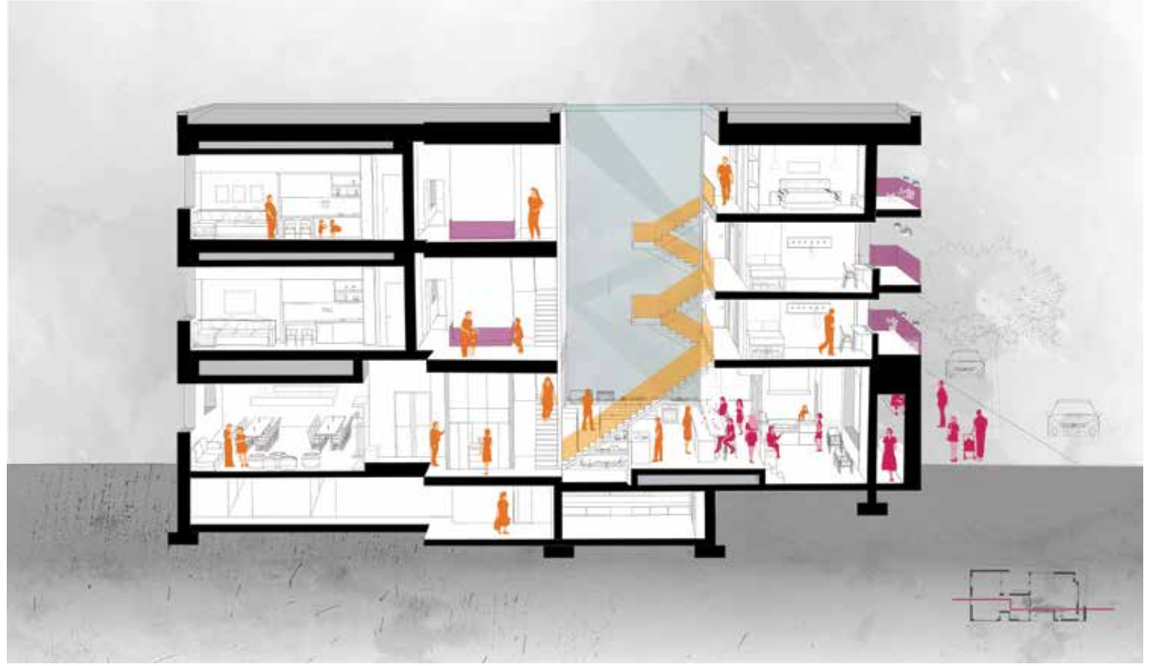
Students:
Ethan Tsai (opposite page)
Ethan Tsai, Charying Yang, Giovana Geluda (this page)

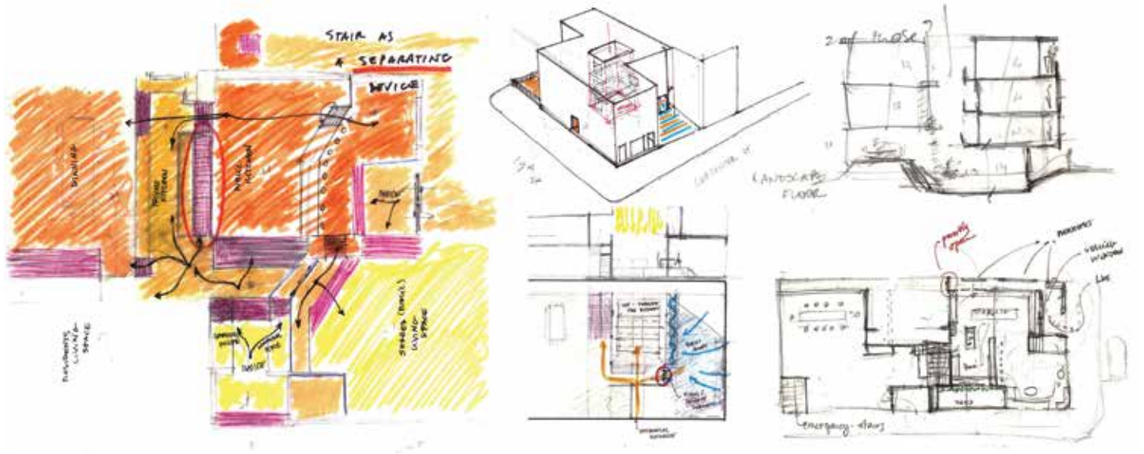


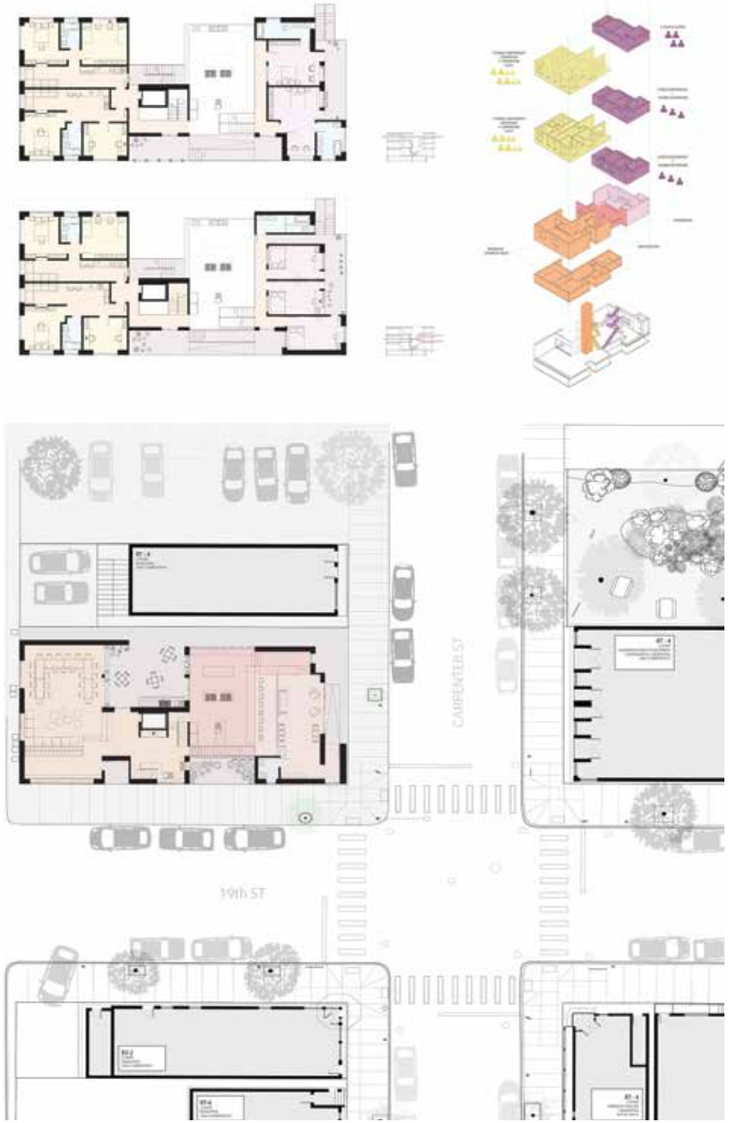




Student:
Giovana Geluda
(this page and opposite page)







ARCHITECTURE STUDIOS I AND II

Instructor:
Leslie Johnson

Studio II:
Architectural Design

Studio Brief:
The second semester studio of the three-year Master of Architecture program focuses on furthering proficiency in the tools, techniques, methods, and methodologies of architectural design. The studio investigates the articulation of space, tectonic assembly, and human behavior as critical foundations of the built environment. The studio builds upon the core drawing, making, thinking, and communication skills developed in the preceding studio. Via an extensive primary project, with critical diversions, tangents, and inflections, analytical investigation of the techniques and methods of architectural design and representation are interwoven with an analytical investigation of site, place, inhabitation with specific emphasis on future of dwelling, and residences in the city.

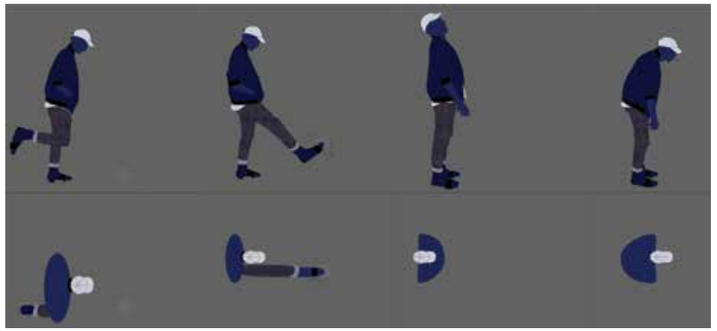
Student:
Giovana Geluda

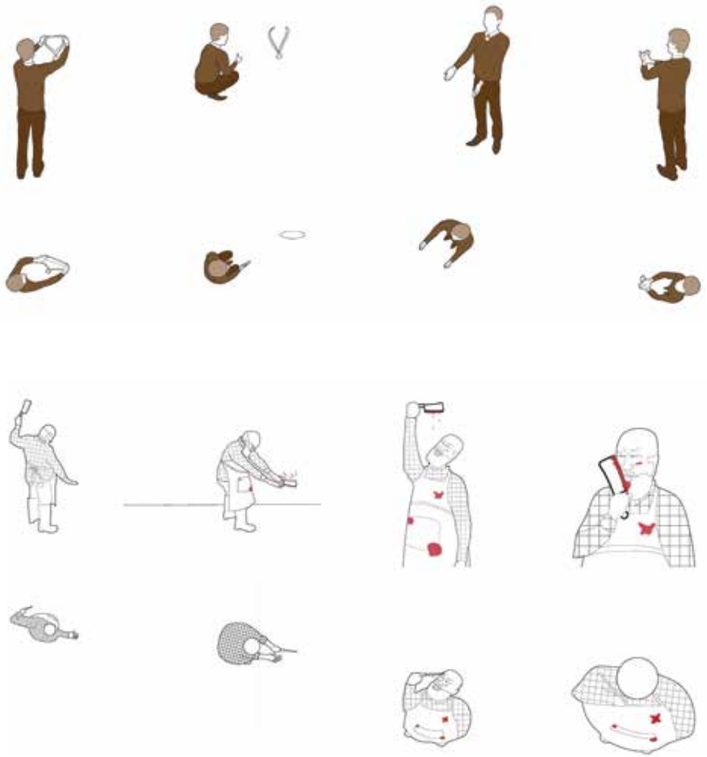
MASTER OF ARCHITECTURE DESIGN COMMUNICATIONS AND DIGITAL TECHNOLOGY

Design communications and digital technology courses develop visual acuity through the analysis of aesthetic expression. In each course, exercises in visual perception and aesthetic judgment transition from traditional hand drawing to digital media. Each course navigates two trajectories of design communications: the practice and production of architectural drawings and the editing and broadcast of graphic arguments. These trajectories are intimately linked, as every compelling architectural drawing articulates a position through graphics to build audiences, engage understanding, and command persuasion. In short, each course in the design communications curriculum challenges students to create visual artifacts that communicate a spatial narrative and a cultural agenda. Students draw agency in the world just as they enact the agency of drawings.

The College of Architecture offers students and faculty robust electronic and computing resources. The college maintains multimedia labs in both S. R. Crown Hall and 3410 South State Street. All workstations include a variety of software products that support 3D modeling, parametric modeling, production of photorealistic renderings and animation, image and animation editing, computer-aided drafting, building information modeling, software development and scripting, energy and structural analysis, and computer-aided machining.

Opposite:
Open House Exhibition, Spring 2019



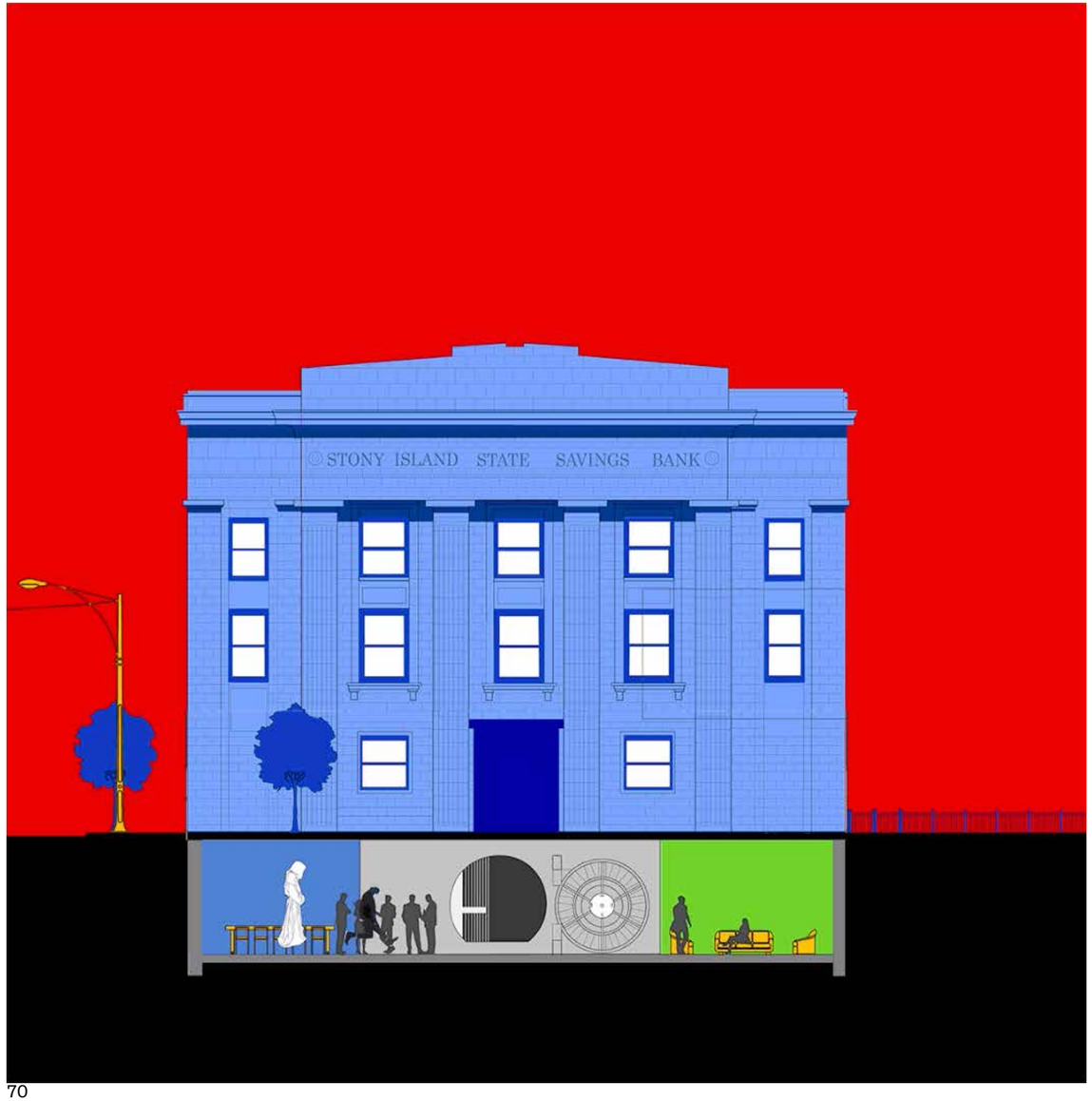


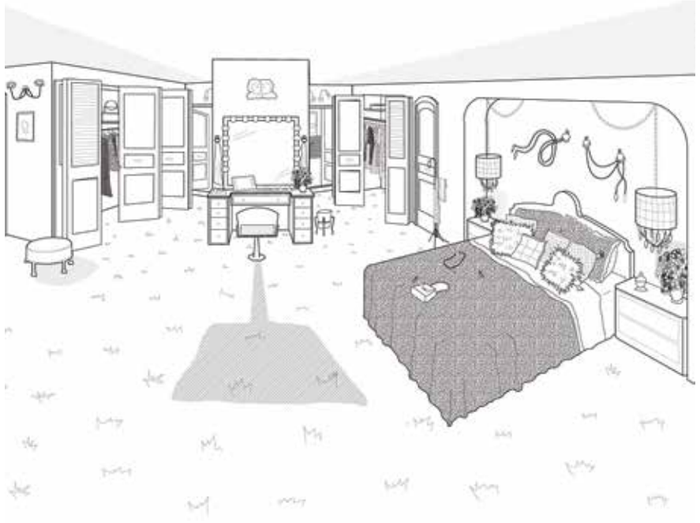
DESIGN COMMUNICATION I

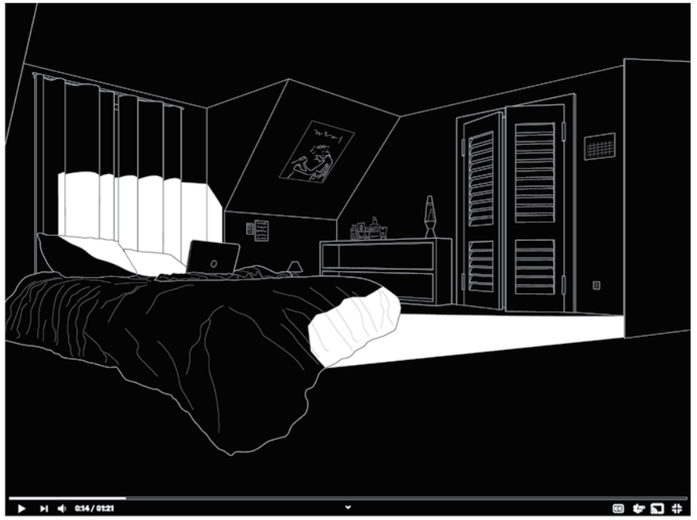
Instructor:
Joseph Altshuler

Course Brief:
This course navigates two trajectories of design communications: the practice and production of architectural drawings on one hand, and the editing and broadcast of graphic arguments on the other. These two trajectories are intimately linked, as every compelling architectural drawing articulates a position through graphics and text, and every architectural argument relies on the disciplinary conventions of drawings to build audiences, engage understanding, and command persuasion. In short, this course challenges students to create visual artifacts that communicate a spatial narrative and a cultural agenda. Students draw agency in the world just as they enact the agency of drawings.

Students:
Davey Hines, Ryan Doyle,
Giovana Geluda
(this page from top to bottom)
Caroline Kearns
(opposite page)





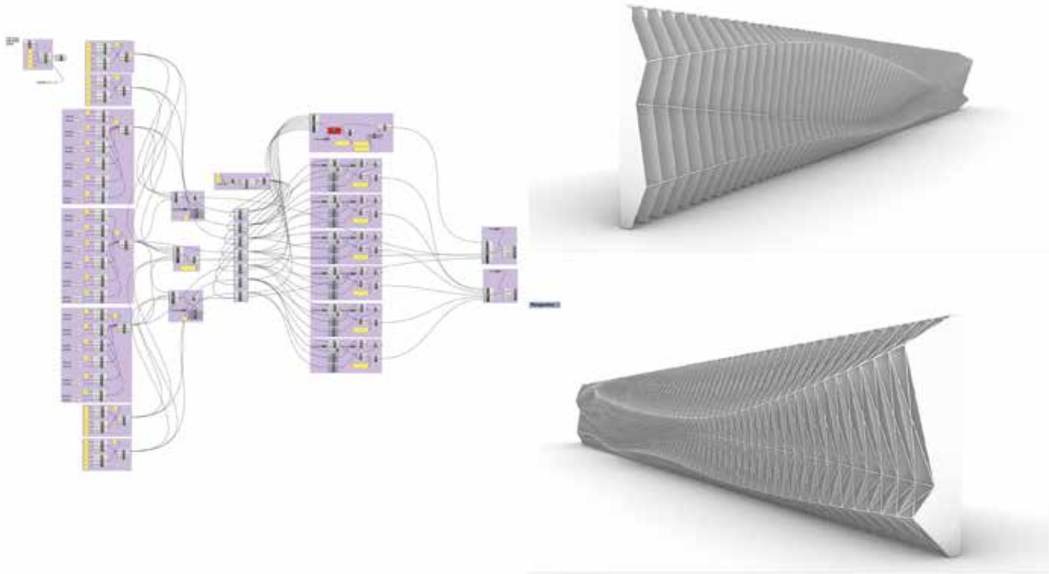


DESIGN COMMUNICATION II

Instructor:
Joseph Altshuler

Course Brief:
This course continues and advances the strands of inquiry initiated in Design Communication I, namely, the practice and production of architectural drawings on one hand, and the editing and broadcast of graphic arguments on the other. These two trajectories are intimately linked, as every compelling architectural drawing articulates a position through graphics and text, and every architectural argument relies on the disciplinary conventions of drawings to build audiences, engage understanding, and command persuasion. In short, this course challenges students to create visual artifacts that communicate a spatial narrative and a cultural agenda. Students draw agency in the world as they enact the agency of drawings. The work embraces the drawing's role as an animate actor—a site of speculation, conjecture, and action.

Students:
Davey Hines
(opposite page)
Giovana Geluda, Jacob Jang
(this page, top to bottom)

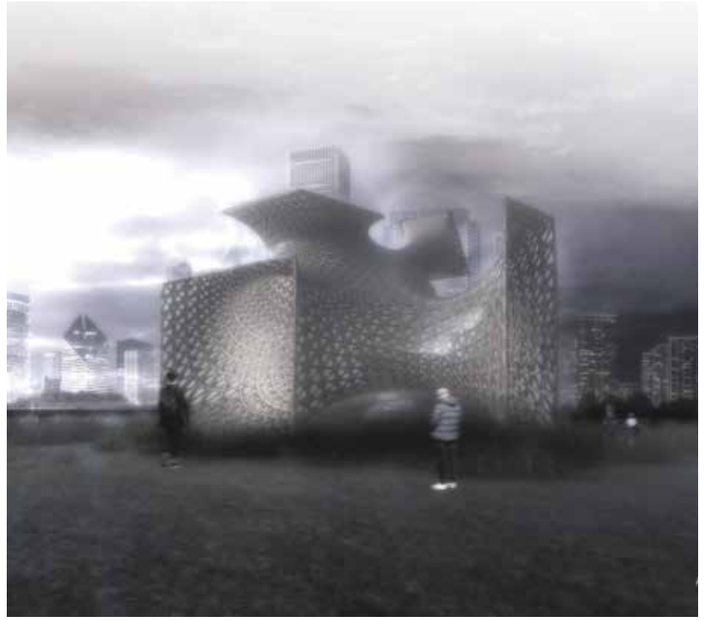


DESIGN COMMUNICATION III

Instructor:
Robert J. Krawczyk

Course Brief:
This course is an in-depth exploration of new visualization techniques to support and express architectural design through 3D rendering. Topics include 3D modeling, cameras, lighting, materials, mapping and rendering output, and model-linking workflows between modeling platforms. Presentation concepts include rendering style and image compositions. In addition, this course focuses on the advancement of digital design as an iterative process. Various modeling types covered are explicit modeling, NURBS surface modeling, parametric modeling, generative modeling, and responsive modeling.

Students:
Seong Kim
(both pages, bottom)
Pimpakarn Rattanathumawat
(both pages, top)



Advanced Modeling

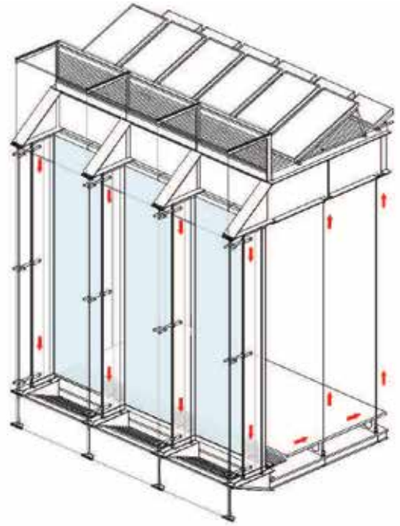
Instructor:
Alphonso Peluso

Course Brief:
This course focuses on 3D modeling of complex geometric components in architecture and design. Concepts explored concentrate on the advancement of digital design as an iterative process. Various modeling types covered are explicit modeling, NURBS surface modeling, parametric modeling, generative modeling, and responsive modeling.

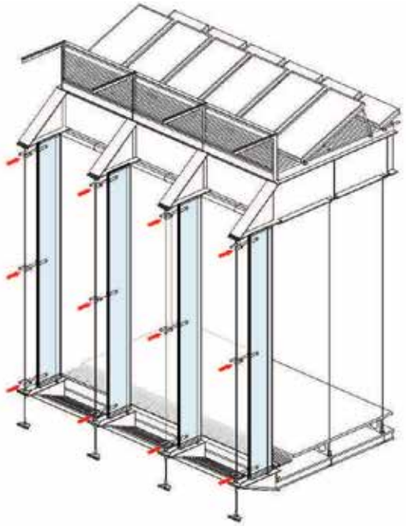
Students:
Alexis Arias-Betancourt
(above)
Graham Bowman (left)

MASTER OF ARCHITECTURE MATERIALS AND TECHNOLOGY

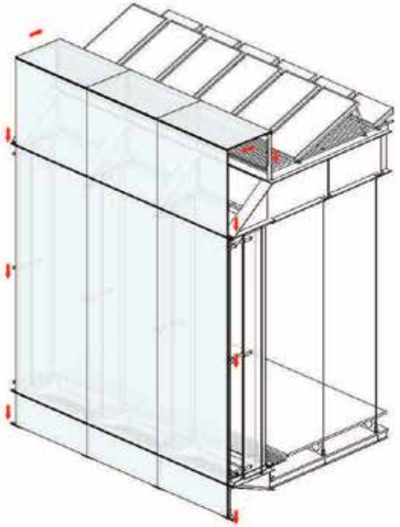
Our Master of Architecture degree prepares students to make and remake a better world. Building on our renowned legacy, we emphasize material and technological innovation and creative inquiry in a hands-on professional learning environment. Melding design, materials, and technology is our underlying strength, our expertise, and our project as makers of the built environment. Our architecture students have exclusive use of shop facilities in an extensive fabrication center, the Materials Lab. College programs are deeply rooted in the connection between designing and making. The lab contains tools and machinery for working with wood, metal, and plastics and includes a large paint booth. Students build prototypes, models, and mock-ups of construction details, and take courses on how to use the lab as well as study the working properties of materials, an essential component of three-dimensional design.



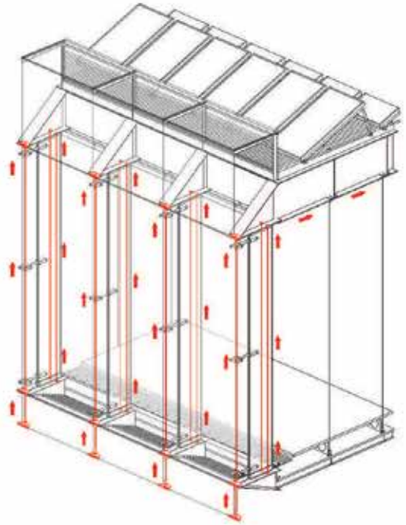
DOUBLE GLAZED INSULATING UNITS:
inner layer to reduces heat loss/gain and help control surface temperature



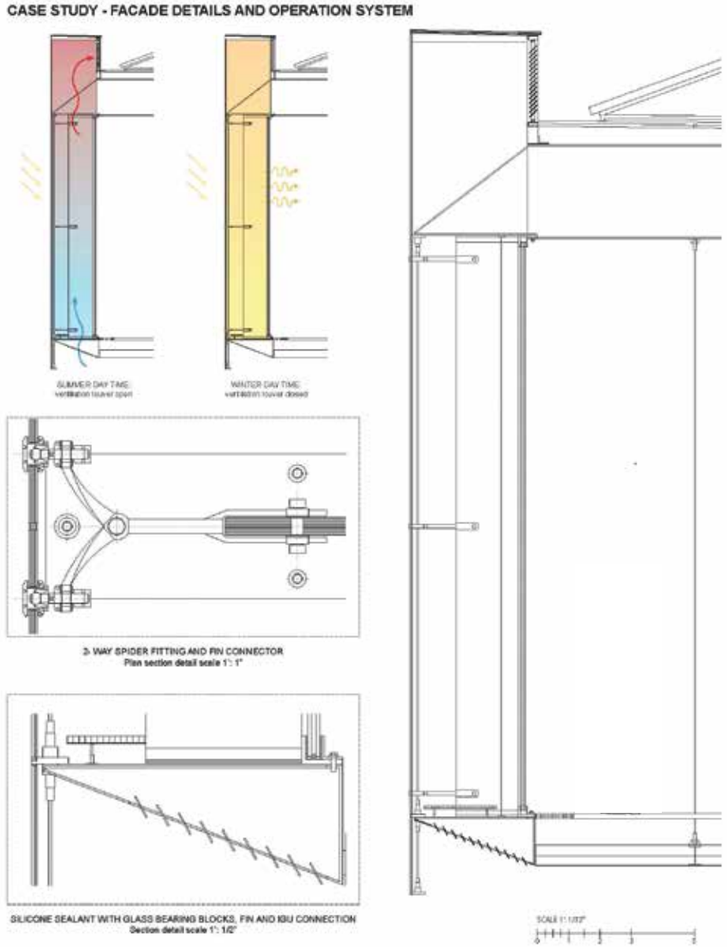
GLASS FIN:
a means of support to transfer wind loading to the main structure



LAMINATED GLASS PANELS:
an outside double layer of low iron u-profile glass unit



TENSION RODS:
provide support points to transfer the weight of outer glass panel back to the main structu

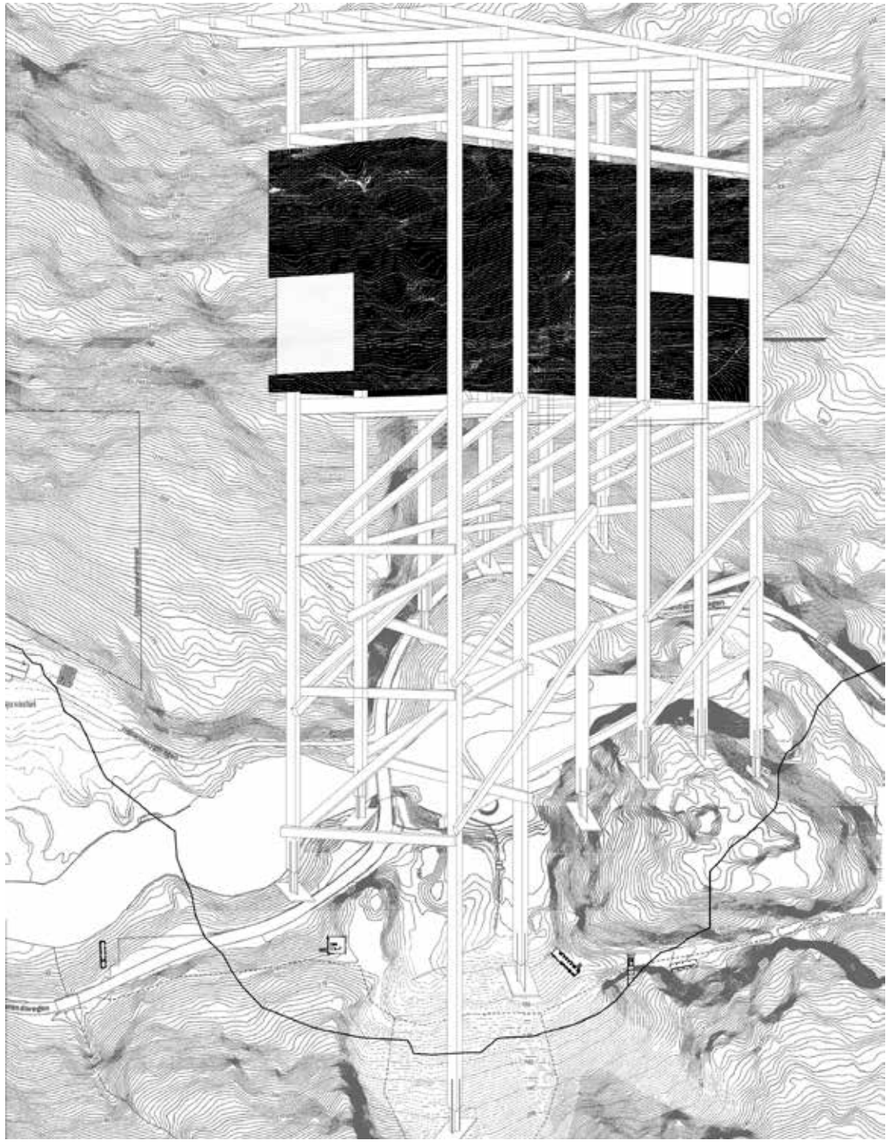


Advance Building Skins

Instructor:
Edward M. Peck

Course Brief:
This course reviews the importance of building skins in the development of high-performance architecture. A series of lectures introduces skin materials and technology developments, and explores the future conditions of the built environment. After building a foundation of information on skin materials and technologies, the course transitions into a workshop. Students bring in a studio project from previous semesters to use as the basis of exploration, while conducting detailed research and advance studies of a selected skin material.

Students:
Graham Bowman, Maria De La Fuente Munoz, Maria Escario Elosua De La Experanzm, Pimpakarn Rattanathumawat, Keigo Yamazaki, Pablo Alegandro, Valencia Kruszyna
(this page and opposite page)



Nordic Assembly

Instructor:
Leslie Johnson

Course Brief:
The architecture of the Nordic region is characterized by a sensitivity to natural forces and an attentiveness to materiality that explores the poetics of practicalities. This is evident in the canonical work of renowned architects of the region such as Alvar Aalto, Sverre Fehn, Sigurd Lewerentz, Jørn Utzon, and Arne Jacobsen, and in that of contemporary local practices that continue to make smart, well-crafted, and sensual work. This course knits together a multilayered study of the formal, tectonic, and material assemblies of these works, with explorations in techniques of narrative drawing. The course situates, discusses, dissects, and draws, building toward a catalog of analytical drawings that convey the atmosphere, phenomena, character, and materiality of the Nordic environment.

Students:
Tyler Sauter (opposite page),
In-San Chiang (this page)

Urban Ecology

Instructor:
Ron Henderson

Course Brief:
Students develop sensitivity to the material environment in which architecture is created. Emphasis is placed on an in-depth exposure to the integration of natural features of site, sustainable components of both natural and man-made systems, and the synergy of ecological design.

Field trips throughout Chicago are common, such as this presentation by architect and Studio Assistant Professor Andy Tinucci, who is presenting the newly built Rosewood Park by Woodhouse Tinucci Architects (pictured).

Student field trip (and faculty architecture project): Rosewood Park by Woodhouse Tinucci Architects
(this page and opposite page)

Topics in Advanced Technology: Building Skins

Instructor:
Tom Brock

Course Brief:
This research seminar examines advances in the technologies that affect the practice of architecture. The course examines leading technologies, processes, and applications, and their roles in building design and production. The course navigates the broad and varied materials related to advanced technologies in architecture by focusing on specific applications for specific projects. Students focus on varying and diverse topics, including building envelopes, architectural materials, building and environmental systems, advanced structural design, energy and sustainability, architectural acoustics and lighting, fabrication, and computer-aided design technologies.

Student field trip to the façade fabricator (this page and opposite page)

M.ARCH. HOUSING LECTURE

“Amplified Urbanism” by Lorcan O’Herlihy

Lorcan O’Herlihy, an architect based in Los Angeles, delivered a lecture focused on several recently completed, award-winning housing projects. “Amplified Urbanism” relates to O’Herlihy’s design methodology, which is rooted in creating fluid interaction between public and private spaces, emphasizing social and civic connections, and harnessing existing ecological and infrastructural patterns. The lecture highlighted projects that Lorcan O’Herlihy Architects has been developing based upon O’Herlihy’s design methodology, and asked questions, raised issues, and provoked a wider discussion about these issues not only within the city of Los Angeles, but across the fields of architecture and urban planning. “Amplified Urbanism” offered ideas about how cities can advance in order to become dynamic, sustainable, and productive environments for everyone.

Photo by Lorcan O’Herlihy Architects

M.ARCH. EXHIBIT

“Exhibiting Architecture”

“Exhibiting Architecture” was a sneak peek preview of Open House, which publicly highlights exceptional student work at the end of each academic year. “Exhibiting Architecture” was also an opportunity to discuss the progress of newly implemented design projects and interdisciplinary activities in the graduate Master of Architecture program.

The event kicked off with a lecture by Ann Lui about her exhibition at the 2018 Venice Architecture Biennale, Dimensions of Citizenship, which opened for its second presentation at Chicago’s Wrightwood 659 in February 2019. Post lecture, Lui was joined by a panel of designers and curators to explore concepts and strategies for exhibiting architecture.

M.ARCH. COLLOQUIUM

Hilberseimer City and Regional Planning Colloquium

The Hilberseimer City and Regional Planning Colloquium featured a presentation about an exhibition titled “Secret Cities: The Architecture and Planning of the Manhattan Project,” which was curated by Martin Moeller of the National Building Museum. Secret Cities examines the innovative design and construction of Oak Ridge, Hanford, and Los Alamos, tracing their precedents in the Bauhaus and other early modern schools of architectural thought. The exhibition looks at daily life within the cities and how it was shaped by their physical form, illuminating the social stratification and segregation that were still evident in these cities despite the high-minded principles underlying their design. The exhibition addresses each city’s development since the conclusion of the Manhattan Project, and their continuing importance as centers of research and technology, now largely devoted to non-military purposes.

Phil Enquist presented Oak Ridge City Center 2030 Strategy Plan, which is a contemporary design and planning framework for the city of Oak Ridge. The framework plan explores ways to accommodate a new generation of housing by proposing a vibrant, walkable urban district that offers a mix of cultural, recreational, and commercial venues to attract the next generation of Oak Ridgers. The presentations were followed by a Q&A panel discussion moderated by Martin Felsen, director of the Master of Architecture program. The questions and conversations were framed around Ludwig Hilberseimer’s principles of modern urbanism. Hilberseimer—a professor at Illinois Institute of Technology’s College of Architecture from the late 1930s thru the 1960s—envisioned and designed several low-density mid century modern cities.

M.ARCH. SYMPOSIUM

Walter Peterhans Symposium

The Walter Peterhans Symposium focused on architectural representation as a conveyor of ideas. Architectural representation enables architects to exchange information, synthesize messages, and deliver data and drawings across multiple formats and mediums. The symposium featured speakers presenting different graphic methodologies that share a similar aim: to think through critical architectural questions and concerns by utilizing articulate and eloquent processes of diagramming, drawing, modeling, photographing, and photo manipulating. Despite continually improving digital techniques, hand-enabled drawing and model making remain as the essential and persistent tools underpinning the culture of architectural production. The act of making drawings and models prompts and encourages linkages between the mind, eye, and hand. Sketching, diagramming, and drawing are ways of thinking, of making virtual representations real. Collecting and curating architectural representations within an aesthetically coherent and comprehensive portfolio holds the power of clearly communicating architectural ideas to others. Each speaker in the symposium discussed their approach to making and circulating architectural representations to push forward a particular personal agenda. The lecture honors German Bauhaus photographer and art historian Walter Peterhans, who was recruited by Ludwig Mies van der Rohe in the 1930s to develop a visual-training curriculum for the architecture program at Illinois Institute of Technology.

OPEN HOUSE
END-OF-YEAR EXHIBIT

During Open House, the College of Architecture opens its doors to the public with an exhibition that examines current academic work. We appreciate this opportunity to celebrate student achievement, and we aim to broaden the architectural dialogue that occurs between cities and sites, people and place, and students and educators through their work. At the annual exhibit, visitors have the chance to explore an entire year's worth of student work and to celebrate the student body's remarkable achievements.

Studio visit to Chicago River

MASTER OF ARCHITECTURE FACULTY

Martin Felsen
Director, Master of Architecture Program
Associate Professor

Thomas E. Brock
Studio Associate Professor,
Master of Architecture
YR2 Coordinator

Leslie Johnson
Studio Assistant Professor
Master of Architecture
YR1 Coordinator

Joseph Altshuler
Adjunct Professor

Sachin Anand
Adjunct Associate Professor

Wiel Arets
Professor

Rahman Azari
Assistant Professor

David Brininstool
Adjunct Professor

Susan Conger-Austin
Studio Professor

Dirk S. Denison
Professor

Peng Du
Visiting Assistant Professor

Mahjoub M. Elnimeiri
Professor

Paul D. Endres
Assistant Professor

Ron Henderson
Professor

Matt Herman
Adjunct Associate Professor

Thomas Jacobs
Adjunct Professor

Sean Keller
Associate Professor

Martin Kläschen
Adjunct Professor

Robert J. Krawczyk
Professor

John Kriegshauser
Adjunct Associate Professor

John Manfredy
Adjunct Professor

Andrew Metter
Adjunct Professor

Jonathan Miller
Studio Associate Professor

Vedran Mimica
Professor

Nilay Mistry
Visiting Assistant Professor

Lluís Ortega
Associate Professor

Alphonso Peluso
Studio Associate Professor

John Ronan
Professor

Alla Vronskaya
Assistant Professor

Antony Wood
Studio Professor

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College of Architecture