ARCHITECTURE
& URBAN DESIGN
ACADEMIC PROGRAMS
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Neil Denari and his students take on the design of the world’s first multi-architect tower in his Research Studio Tower-Complex.
Chair’s Statement

If there is one thing that continues to expand in our contemporary environment as a consequence of digital access, migrating cultures and their constantly shifting identities, the rise of urbanization, the challenges to our natural resources, among many other forces that shape our world, it is complexity. Managing complexity and searching for new ways to tap into the productive energies that make up our rich, global society is both a challenge and an opportunity for every organization, indeed, every person today. One of the key elements to this process is design, which in many ways, is much more than mere problem solving. If an organization is to truly make changes in a fast changing world, then thinking about answers is only one part of the equation. In fact, inventing problems, creating questions, making educated guesses, and speculating on ideas that circulate around the boundaries of the known is what
constitutes research. At UCLA, our robust design culture operates both in the timeframe of the now on issues such as how to make cities more resilient and sustainable and in the realm of the future, where we take on questions ranging from, “How can we make architecture move and be deeply interactive?” to “How will new materials change building forms and programs for tomorrow?” Indeed, how architecture, design, and theory work in these new global realities is our persistent area of inquiry, and it is with a certain degree of fearlessness that we pursue common goals and hopeful futures. We ask how architecture can be opened up to new influences that will inevitably reshape the discipline.

With our world renown faculty and Los Angeles as an active resource, UCLA Architecture and Urban Design is at the forefront of a new kind of city with an intense diversity of culture, the continuing influence of the Pacific Rim, and a creative milieu influenced by both high technology and entertainment media. Across our Undergraduate, Graduate, and Post Graduate programs, our core mission is to integrate historical research, theoretical debate, and emerging developments in industry; work through new pedagogical formats; think about design in the context of a global metropolis; and position design in a research university as one of its primary agendas.

Neil Denari, Interim Chair

The School of the Arts and Architecture

“The lofty achievements of virtuosos to the aesthetics of everyday life in communities worldwide, the arts are the most powerful symbol of our shared human heritage, the truest mirror of our cultural diversity, and a primary bellwether of our future. We believe that practical and critical knowledge of the arts is an indispensable foundation for enlightened citizenship in an increasingly complex and challenging world.”

—David Roussève
Interim Dean, UCLA School of the Arts and Architecture

The School of the Arts and Architecture at UCLA (UCLA Arts) is dedicated to training exceptional artists, performers, architects, and scholars who are enriched by a global view of the arts and prepared to serve as cultural leaders of the 21st century. Graduate degree programs are offered in the Departments of Architecture and Urban Design, Art, Design | Media Arts, and World Arts and Cultures. The School’s unique curriculum interweaves work in performance, studio and research studies, providing students with a solid creative, artistic, and intellectual foundation. World-class faculty provides a depth of expertise and achievement that supports the most ambitious vision a student can bring to the campus. To enrich their coursework, students have access to outstanding art collections, exhibitions, and performing arts presentations through the School’s internationally acclaimed public arts institutions. The Hammer Museum presents art ranging from Impressionism to Contemporary, and the Fowler Museum at UCLA features material culture and art from Africa, Asia, Oceania, and the
Americas. UCLA Live, one of the nation’s premiere arts presenters, brings more than 100 leading performers to the campus each year featuring programs of dance, jazz, world music, blues, international theater, spoken word, classical, and popular music. We invite you to join the growing community of UCLA Arts. Please visit our website at www.arts.ucla.edu.

The University

Recognized as one of the world’s leading public research universities, UCLA is also the most multicultural campus in the nation. Situated five miles from the Pacific Ocean and ten miles from downtown Los Angeles, the campus is within a short drive of mountains, beaches, lakes, and deserts. The 419-acre campus is a self-contained community replete with restaurants, medical facilities, gyms, botanical and sculpture gardens, movie theaters, and concert halls. Students also have access to a wide range of campus services including a career planning center, a nationally recognized library system, and a host of professional, social, and cultural organizations. Please visit the web site at www.arts.ucla.edu.
Hitoshi Abe,
Photographer: Duccio Malagamba, Barcelona

Heather Roberge,
Photographer: Photekt


Thom Mayne, Emerson College, Los Angeles, 2013. Photographer: Jasmine Park
Guvenc Ozel,
NASA’s Mars 3D Printed Habitats Competition, 2015, Runner Up.

Greg Lynn,

Neil Denari,
Roger Sherman,
HYPO-PARK, Koreatown (L.A.), 2014.

Sylvia Lavin,
Everything Loose Will Land: 1970s Art and Architecture in Los Angeles
(Mak Center, 2013).
Jimenez Lai,
The Tower of Twelve Stories, Coachella, 2016.

Dana Cuff, Kevin Daly, and cityLAB,
B(h)OME, 2015
Photographer: Photekt
Georgina Huljich,
PATTERNS, Jujuy Redux; Rosario, Argentina, 2012.
Photographer: Gustavo Frittegatto

Mark Mack,
Sphere 2, Slazburg, Austria, 2011.
Greg Lynn engages Jason Payne and Eni-Sung Yi in a dialogue about his SUPRASTUDIO with industry partner Boeing.
Fields of Study

Design
Our unsurpassed design faculty has developed a curriculum that focuses on formal research and experimentation, insisting that architecture and urban design proactively respond to the ever-shifting contemporary world. During the past few decades, profound social changes, technological innovations, and a new global environment have radically challenged traditional models of the profession. Design is not only the primary activity of the professional architect and urbanist, it is also the intellectual and methodological foundation of the discipline of Architecture. Rather than promote design as willful self-expression in the tradition of heroic modernism, the Department seeks to engage students in the thoughtful investigation of form, which is situated in social, political and technological contexts. Students are encouraged to develop design expertise, as well as understand architecture and urban design in relation to culture at large. This view permits students to fully investigate their field and to deploy its potential with the greatest strategic effect.

The Department emphasizes the relationships between form, technique, manufacturing, environment, and context and seeks to discern in them the underlying principles of architectural organization. Courses in new types of building construction, computational design, theories of architecture and urbanism are brought to bear on studio work. Advanced studios explore special topics in digital design, contemporary urban form, emerging technologies, among many other issues. Problems range from small houses developed for local communities to massive extensions of infrastructure that establish links
between buildings and cities, interiors and landscapes, regions and the global condition. New developments in computer-aided design, modeling, and visualization techniques are particularly emphasized. Through a progressive curriculum that enables students to navigate the complex and interdisciplinary demands of architecture and urbanism, the Department prepares students to be leaders in the professions and discipline of design.

**Technology**

Technology continues to be one of the most transformative influences in the contemporary world, and UCLA gives architecture and urban design students the opportunity to explore this constantly changing field at the highest level. In addition to training students in the traditional types of building technologies necessary professional competence, such as structures, construction, environmental technologies, and mechanical systems, we also seek to advance the state of architectural knowledge by undertaking research in emerging technologies. Capitalizing on the rich professional context of Los Angeles, the program asks leading engineers and architectural technologists to take time out from their practices to teach students about innovative developments in their fields.

UCLA is unique in providing both the intellectual and the technical resources needed to explore a wide range of design and computation issues, with a particular focus on the impact of the computer on the manufacturing process, environmental and sustainable design, and new techniques of visualization. Advanced courses explore special topics in computer-aided design, software development, new modes of manufacture, the use of CNC (computer numerically controlled) milling in the development of building elements. Our long standing expertise in emerging digital technologies and our commitment to understanding these developments in relation to design has placed UCLA at the forefront in defining the next phase of architecture’s technological evolution.

The Department is not currently accepting doctoral applications in the area of Technology.

**Critical Studies**

Critical Studies explores the history, theory, and criticism of architecture and urbanism. Drawing on significant transformations in academic scholarship in recent years, the program is fundamentally interdisciplinary. Developments in visual culture, cultural studies, intellectual history, urban studies, and critical theory have all been incorporated into the program, creating a dynamic and evolving curriculum. A broad range of courses stress the relationship of architecture and urbanism to their cultural, social, political, and technological milieus. Students can concentrate in many areas, including the history of the profession, issues of representation, the history of discourses on architecture and the city, gender analyses, problems in modernization, and contemporary theory. The program has strong affiliations with other departments, including History, Art History, Art, Film and Television, Comparative Literature, Design Media Arts, and Urban Planning, enabling students to develop comprehensive approaches to the study of the field. Of equal importance to Critical Studies in architectural culture is its location within a highly active professional program.
in architecture. Students are encouraged to understand their historical and theoretical work in relation to the current professional, technological, and social concerns of architecture as well as to contemporary design debates. The constant interaction between critical research and new developments in the practice of architecture and urbanism lends the program a distinctive vitality and gives students’ work an exciting urgency.

The M.A. and Ph.D. programs offer a particular focus in Critical Studies. The M.A. and Ph.D. programs aim to guide students toward original research in the critical studies of architectural culture. These programs encourage students to investigate through historical, theoretical, and cultural interrogation issues of importance to the contemporary architectural discipline. Although the primary focus of the curriculum is in modern architecture of the Western world, historical, interdisciplinary, and cross-cultural subjects are also explored. The core of the program is a four-course sequence that trains students in the techniques and territories of architectural studies and their historiographies. While enrolled in the core program, students take other electives in the Department and across the University. The program culminates in a thesis or dissertation that contributes to the discourse on architecture and demonstrates an understanding of architecture’s structural and ideological role in the production of culture. This document is written under the close supervision of a faculty advisor. The program is distinguished by its frank engagement with current architectural debate and practices, and by its commitment to rigorous scholarship.

cityLAB

Founded in 2006, cityLAB is a vibrant center for research and design in UCLA’s Department of Architecture and Urban Design, directed by Professor Dana Cuff and located in Perloff Hall B-215. cityLAB initiates projects that engage both scholarship and experimental practices to promote new, critical ideas about architecture in the contemporary city. A range of projects are undertaken each year with faculty from A.UD and departments across campus, as well as a number graduate student researchers. Activities of the lab include funded design-research, symposia, design competitions, exhibitions, public events, and publications, all documented on its website: www.cityLAB.aud.ucla.edu. Doctoral, Masters-level, and undergraduate students in architecture are integrally involved in cityLAB efforts. In addition, each year one continuing, outstanding A.UD graduate student is awarded the cityLAB Graduate Fellowship which entails support as well as research experience in the lab. Undergraduate architecture majors may also be eligible for research internships. Over the next few years, cityLAB will focus its resources on “The L.A. Project.” In collaboration with civic leaders and public agencies, cross-disciplinary design-research projects will be created that advance the lab’s four initiatives: the post-suburban city, rethinking green, intelligent urbanism, and new infrastructures. cityLAB is also home to the Mellon-sponsored Urban Humanities Initiative (www.urbanhumanities.ucla.edu.)
Hi-C
Hi-C is a curatorial project that develops exhibitions rooted in scholarly research. Directed by Sylvia Lavin, a collaborative group of doctoral and design students explore issues from the archive to the installation. Recent projects include: “Craig Hodgetts, Playmaker” on view at the Ace Gallery Los Angeles in 2009; “Take Note” on view at the Canadian Centre for Architecture (CCA) in Montreal in 2010; “Neil Denari, The Artless Drawing” on view at the Ace Gallery in Los Angeles 2010; and “Ultra Expo” for Little Tokyo Design Week at the Japanese American National Museum in 2011.

The Now Institute
Led by Pritzker Prize-winning architect and UCLA Distinguished Professor Thom Mayne and Director Eui-Sung Yi, the Now Institute is an outgrowth of over 10 years of research initiatives in collaboration with A.UD’s SUPRASTUDIO, establishing a new territory that integrates academic and professional pursuits, spanning cities across the United States and the world, including Los Angeles, New Orleans, Madrid, Beijing and Port-au-Prince.

The Now Institute provides opportunities for thinkers trained as architects to participate in city-scale research and urban implementation across disciplines, with real world partners in fields that include culture, mobility, urban revitalization and sustainability.

Beginning with the L.A. Now series, these research studios study the complexity of urban phenomena from an interdisciplinary, integrative approach and hybridize interactions amongst diverse disciplines. These initiatives expand beyond architecture and urban research in the academic sphere to respond to complex, current, concrete issues. The results of these initiatives have included publications such as L.A. Now Volumes 1–4, Madrid Now; realized projects such as the Float House; and consulting with cities, with the Culture Now Project. These projects have been received with much acclaim in both the architectural community as well as with a broader audience, including policymakers.

With such diverse outputs, these initiatives stimulate discourse on current issues and encourage civic and business leaders, developers, architects, urbanists, cultural producers, students, and the general public to rethink urban, cultural and contemporary conditions. The Now Institute continues and builds on this ethos and approach to research and implementation.
The UCLA Department of Architecture and Urban Design offers four distinct graduate degrees, two professional and two academic. The Master of Architecture I (M.Arch.I) is a three-year professional program that provides a comprehensive education in architecture. The M.Arch.I program is accredited by the National Architectural Accrediting Board (NAAB). M.Arch.I students may also complete a concurrent degree in Urban Planning.

The one-year Master of Architecture II (M.Arch.II) provides an advanced professional degree combining theoretical studies and practical applications in specialized areas. Students enrolling in the M.Arch.II program hold a professional five-year undergraduate degree in architecture or the foreign equivalent.

Academic degrees offered by the Department include the two-year Master of Arts (M.A.) degree, which prepares students for research and teaching in fields related to architecture and urban design. The Doctor of Philosophy is an advanced research degree organized around current scholarly debates. The length of time for completion averages six years.

The UCLA Department of Architecture and Urban Design offers a Bachelor of Arts in Architectural Studies. The B.A. in Architectural Studies is a two-year major that begins in the junior year of residence.
The three-year professional degree curriculum prepares students for the practice of architecture by providing a focused framing of today’s cultural, ecological, political, and technological questions with a view to what architects may bring to bear on such complex issues. At each stage of the curriculum, A.UD graduates become equipped to not only lead the professional field but also to construct new opportunities for it by positioning their design skills within a rapidly changing world.

The three-year sequence is divided into two periods of study.

1. The first of these periods is a two-year foundation, known as ‘Core’, in which students complete six design studios that offer design exercises of increasing scale and complexity. They simultaneously take courses in the History and Theory of Architecture; Architectural Programming; Computation; Environmental Design; Representation and Visualization; Structures; as well as a range of complementary cultural and technical elective courses. This core period provides students with the foundation and knowledge necessary to clearly articulate strong architectural concepts; and formal and organizational principles informed by such factors as context, materials, and building systems.

2. The second period of study is the culminating third year, in which students choose from an array of one-year long thematically focused Research Studios, as well as two Advanced Topic studios (to be completed in the first two quarters), and a number of elective courses. Research Studios are led by senior design faculty and are structured around specific contemporary concerns. The three-quarter Research Studio comprises a first quarter of research; a second quarter of hypothesis definition and development; and a final quarter of design resolution. This structure provides students with opportunities to develop and expand particular positions in architecture by rethinking existing problems, establishing new directions, and making well-informed and progressive conjectures that shape the built environment.

A collaborative spirit pervades the three-year A.UD curriculum fostering an environment in which students and faculty develop a collective intelligence composed of multiple, yet focused, points of view. Through this shared set of interests, students develop methods and techniques for producing new forms of architectural intelligence, plausible speculations, and capacities to invigorate the field and attract new audiences.
As a graduate program in a research university, the M.Arch.I builds on the broad knowledge base of the entering student body and integrates these diverse worldviews into a practice-oriented pedagogy that is both open to broad cultural questions and a pragmatic view of architecture today. Core studios encourage those with previous architectural training to question assumptions formed prior to their arrival. At the same time, knowledge of other disciplines, brought by those new to architecture, is reframed to play an important role throughout the program. This admixture of student backgrounds has proven fruitful over the 50-year history of training architects at UCLA and has produced young architects who are aware of the influence that other fields of knowledge have on architectural thought and production. UCLA A.U.D’s longstanding dedication to communicating clear and articulate architectural ideas fosters critical thinkers who become leaders in practice, academia, and on the global stage.

Master of Architecture (M.Arch.I) Degree Admission Requirements
The M.Arch.I program accepts applications from those holding a Bachelor’s degree (or its equivalent), comparable in standards and content to a Bachelor’s degree from the University of California.

Applications are accepted from students with diverse backgrounds. Although no formal training in architecture is required, first-year courses assume some familiarity with the history and culture of architecture, possession of basic graphic skills, and the understanding of fundamental concepts of mathematics and physics. Applicants are strongly advised to become familiar with basic works in the history and theory of architecture before entering the program. Entry into the program is therefore conditional on having taken at least one college-level course in each of the following areas:

**Newtonian Physics** (minimum grade of “C”)
One basic college-level physics course covering light, heat, and sound. It is not necessary to take a calculus-based physics course.

**Mathematics** (minimum grade of “C”)
One college-level course covering algebra plus geometry or trigonometry, or one college-level course in pre-calculus or calculus.

**A survey of the History of Architecture** (minimum 1 semester or 2 quarters, minimum grade of “B”)
A college-level course covering Antiquity to the present.

**Drawing or basic design** (minimum grade of “B”).

For further information on these prerequisites, contact the admissions officer.

The Admissions Committee will consider applications from those who, at the time of application, do not have these prerequisites. If applicants do not have the prerequisites completed, they must specify in their application their plan to complete the prerequisites before entry into the program. The Student Advisor can provide guidance on how to do so. Some applicants may be required to take a summer studio course at UCLA as
a condition of admission. Admission will only be offered on the condition that the applicants provide the Student Advisor with satisfactory evidence of having completed the prerequisites before beginning course work. In addition, the Department of Architecture and Urban Design requires that applicants submit the material outlined under “Graduate Admissions” described in this brochure. International students should carefully review the English-language proficiency requirements.

The M.Arch.1 is a full-time program and does not accept part-time students. All new students must enter in the Fall Quarter.

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture, offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an 8-year, 3-year, or 2-year term of accreditation, depending on the extent of its conformance with established educational standards. UCLA has been granted an 8-year term of accreditation based on the NAAB visit in 2016.

University of California, Los Angeles, Department of Architecture and Urban Design offers the following NAAB-accredited degree programs:

M.Arch.1
(Nonarchitecture undergraduate degree or, four-year nonprofessional degree in architecture + 126 graduate credits)

To read more about the NAAB Conditions of Accreditation, please visit:
www.naab.org/accreditation
## Typical Study Program

### First Year

#### Fall
- **411** Introductory Design Studio 6 units
- **220** Introduction to Computing 2 units
- **201** Theories of Architecture 4 units
- **431** Structures I 4 units

#### Winter
- **412** Building Design Studio 6 units
- **432** Structures II 4 units
- **436** Introduction to Building Construction 2 units

#### Spring
- **401** Tech Core Studio 6 units
- **433** Structures III 4 units
- **442** Building Climatology 4 units

### Second Year

#### Fall
- **413** Building Design with Landscape Studio 6 units
- **000** Elective 4 units
- **461** Professional Practice 4 units

#### Winter
- **291** Theory of Architectural Programming 4 units
- **415** Comprehensive Studio 6 units
- **441** Environmental Controls 4 units

#### Spring
- **414** Major Building Design 6 units
- **437** Building Construction 4 units
- **000** Elective 4 units

### Third Year

#### Fall
- **401** Advanced Topics Studio 6 units
- **000** Elective 4 units
- **403A** Research Studio 2 units

#### Winter
- **401** Advanced Topics Studio 6 units
- **000** Elective 4 units
- **403B** Research Studio 2 units

#### Spring
- **000** Elective 4 units
- **000** Elective 4 units
- **403C** Research Studio 6 units

Students are required to take the above courses in the sequence indicated.
Forms of Seduction workshop participants create their designs with guest workshop leaders Thomas Kelley and Florian Idenburg.
SUPRASTUDIO is a post-professional program that leads to a Masters of Architecture II degree. Students engage in real-world issues through intensive research to develop new methodologies of architectural design. The program offers extensive research opportunities in studios led by world-renowned figures in architecture. SUPRASTUDIO partners student researchers with industry collaborators exploring topics as diverse as strategic thinking, sustainability, contemporary culture, lifestyle, artificial intelligence, autonomous mobility, sensing technology, robotics, extreme environments, travel to outer space, virtual reality, entertainment production performances, and media-enhanced experiences.

Students have the opportunity to investigate architectural design and its cultural and social context to further their educational agendas. For example, students may engross themselves in a master-plan for a futuristic city for 10,000 where everyone is connected and uses autonomous cars led by Craig Hodgetts; or they could rethink the static buildings that house event performances to produce architecture that employs advances in temporary staging/pop-ups, robotized movements, and light led by Mark Mack; or they can tackle comprehensive critical analyses on the modern history and politics of cities, data-driven research of planning infrastructure and social issues, concluding with design proposals developed in collaboration with city governments and community partners led by Thom Mayne; or they could investigate the intersection between the digital and the physical worlds, looking at the cusp of living in mixed realities where interactive environments challenge traditional fabrication techniques and spatial assemblies with virtual and augmented realities, robotics, and smart space applications led by Guvenc Ozel.

Previous collaborations with Walt Disney Imagineering, Toyota Motor Sales, Boeing, Cirque du Soleil, City of Los Angeles, City of Madrid, JumpStart Fund / Hyperloop Transportation Technologies Inc., Gehry Technologies Inc., Mayor’s Institute on City Design, National Endowment for the Arts, President’s Committee on the Arts and Humanities, UNICEF, and UNESCO have already generated new design problems, research interests, scholarship, and practices to which students, faculty, and collaborators would not have otherwise had access.
IDEAS
Serving as an incubator for the Department of Architecture and Urban Design, IDEAS is at the vanguard of the 21st century with a post-professional degree program focused on real-world issues. IDEAS differs from a traditional educational model in its ambition to develop new methodologies for creating architectural design. Globally recognized for its innovative platform that aggregates rigorous cross-disciplinary design research, IDEAS creates successful collaborations among students, faculty, and industry leaders to question, challenge, and expand the current parameters of architectural practice. The platform is also an engine to explore architecture in conjunction with Los Angeles’s most prevalent industries and forward thinkers leading the fields of design, entertainment, aerospace, transportation, and technology. Through yearlong research initiatives, the program focuses on relevant applied research themes to investigate the wave of contemporary breakthroughs and capture opportunities for interdisciplinary growth and new applications. IDEAS also cultivates long-term relationships with industries and world influencers through a popular cross-disciplinary public lecture series.

IDEAS offers a unique environment for the vibrant and intensive program SUPRASTUDIO with four concurrent studios running parallel and taught by professors who are leaders in their field — Thom Mayne, Craig Hodgetts, Mark Mack, and Guvenc Ozel (2016–17). SUPRASTUDIO connects each studio to a related theme such as strategic thinking, sustainability, contemporary culture, lifestyle, autonomous cars, mobility, sensing technology, robotics, extreme environments, the journey to outer space, virtual reality, entertainment production performances, and media-enhanced experiences.

A major factor to the success of IDEAS is the ability to form teams among SUPRASTUDIOS and collaborators who together explore contemporary urban challenges. The IDEAS incubator has brought design, technology, and research to breakthroughs in high profile crowd-sourced projects such as Hyperloop, high-performance architecture with Boeing and Cirque du Soleil, 3D-printing design and technology with Autodesk, and urgent issues of sustainability with UNICEF in Haiti. This new model of education investigates practical matters, preparing graduates to create architecture and design for the future.

To create and build new design concepts, the IDEAS campus provides a studio environment adjacent to technology laboratories with access to two of the largest industrial robots available in a university setting, cutting edge fabrication, 3D-printing, and virtual reality tools.

IDEAS operates in a 15,000 square-foot facility located in a dynamic enclave of Culver City, approximately 8 miles south of the main UCLA campus in Westwood. The neighborhood is an eclectic former industrial area transformed through contemporary architectural interventions since the late nineteen-eighties that serves as home to creative design and entertainment companies.
Admission Requirements
SUPRASTUDIO requires an advanced background in architectural studies and is open to students with a five-year Bachelor of Architecture degree from an NAAB accredited program in the U.S., foreign equivalent, or professional graduate degree in architecture. Each academic year, students can apply to SUPRASTUDIO to study in a year-long course led by A.UD’s distinguished faculty and invited guest professors. Admitted students enroll in one SUPRASTUDIO for the year.

For the most recent list of SUPRASTUDIO courses offered in the next academic year, please visit the A.UD website at www.aud.ucla.edu/programs/m_arch_ii_degree_1.html

MASTER OF ARCHITECTURE (M.ARCH.II) DEGREE
TYPICAL STUDY PROGRAM

SUMMER
401 Advanced Topics Studio 6 units
000 Elective in Technology 4 units
000 Elective in Critical Studies 4 units

FALL
403A Research Studio 2 units
401 Advanced Topics Studio 6 units
000 Elective* 4 units
000 Elective* 4 units

WINTER
403B Research Studio 2 units
401 Advanced Topics Studio 6 units
000 Elective* 4 units
000 Elective* 4 units

SPRING
403C Research Studio 6 units
000 Elective* 4 units

*Requirements include: 2 additional courses in the area of technology and 2 additional courses in the area of critical studies in architectural culture.
Master of Arts in Architecture

Academic Degree in Architecture Oriented Toward Research and Teaching
Program Duration: 2 years
Degree Conferred: M.A. in Architecture
Academic Background: A.B., B.A., B.S., or B.Arch.
Architecture or non-architecture undergraduate or graduate degree.
Degree Objective on the Application for Graduate Admission (AGA): M.A.

Doctor of Philosophy in Architecture

Advanced Academic Program in Architecture Oriented Toward Research and Teaching.
Program duration: 6 years
Degree Conferred: Ph.D. in Architecture
Academic Background: A.B., B.A., or B.Arch., Architecture M.A., or M.Arch. Architecture or non-architecture undergraduate or graduate degree.
Degree Objective on the Application for Graduate Admission (AGA): Ph.D.

There are two academic graduate degrees in the Department of Architecture and Urban Design: Master of Arts (M.A.) in Architecture and Doctor of Philosophy (Ph.D.) in Architecture. These programs produce students whose scholarship aims to provoke and operate within the multiple constituencies in the field of architecture.

Both the M.A. and Ph.D. programs are supported by the Standing Committee, made up of four members from the Department’s faculty: Sylvia Lavin, program director, Dana Cuff, Diane Favro, and Michael Osman. A number of visiting faculty teach courses to expand the range of offerings.

Colloquium
All M.A. and Ph.D. students are required to enroll in a two-year colloquium focused on methods for writing, teaching, and researching in the field of architecture. The six courses that constitute the colloquium train students in the apparatus of academic scholarship. Over the two-year sequence, students produce original research projects and develop skills in long-format writing.

M.A. in Architecture
This program prepares students to produce specialized research, consulting, or teaching in fields related to the architecture and urban design professions. M.A. students work in a variety of intellectual and programmatic milieus including historical research, cultural studies, and interdisciplinary studies with particular emphasis on connections with geography, design, art history, archaeology and literary studies, as well as studio and design based research.

Beyond the core colloquium, M.A. students take a series of approved courses both in the Department and across campus. The M.A. program is a two-year degree, terminated by a thesis. The thesis is developed from a paper written by the student in their course work and developed in consultation with the primary advisor and
In addition to courses and individual research, students often participate in collective, project-based activities, including publications, symposia and exhibitions.

The program is distinguished by its engagement with contemporary design and historical techniques as well by the unusual balance it offers: fostering great independence and freedom in the students’ courses of study while providing fundamental training in architectural scholarship. Students in the M.A. program often work with faculty on research projects and teaching, particularly through cityLAB, the Urban Humanities Initiative, Hi-C, and the Experiential Technology Center (described below).

**Ph.D. in Architecture**

This program prepares students to enter the academic professions, either in architectural history, architectural design, or other allied fields. Given the Department’s professional orientation in architectural design, Ph.D. students are trained to teach courses in the history and theory of architecture and also engage in studio pedagogy and exhibition design.

Ph.D. students take a series of approved courses in addition to the colloquium, both within the Department and across campus. They select these courses in relation to their own research interests and in consultation with their primary advisor. The priorities for selection are breadth of knowledge and interdisciplinary experience that retains a focused area of expertise. To this end, the students identify Major and Minor Fields of study. The Minor Field is generally fulfilled by satisfactorily completing three courses given by another department and the Major Field by five courses offered within the Department. Once course work is completed, Ph.D. students move to the Comprehensive Exam, Qualifying Exam, and the writing of a dissertation, and final defense, if required by the doctoral committee.

In the transition from course work to exams, Ph.D. students work on one paper beyond its original submission as course work. The paper begins in the context of a departmental seminar, but often continues either in the context of an independent study, summer mentorship, or a second seminar with faculty consent. Upon the research paper’s acceptance, students begin preparing for their comprehensive exam. Before their third year, students must also satisfactorily complete three quarters of language study or its equivalent according to University standards. The particular language will be determined in consultation with the Standing Committee.

The Comprehensive Exam tests two fields: the first covers a breadth of historical knowledge—300 years at minimum—and the second focuses on in-depth knowledge of a specialization that is historically and thematically circumscribed. Students submit an abstract on each of these fields, provide a substantial bibliography, and prepare additional documentation requested by their primary advisor. These materials are submitted to the committee no less than two weeks before the exam, which occurs as early as the end of the second year.

The Comprehensive Exam itself consists of two parts: an oral component that takes place first, and then a written
component. The oral component is comprised of questions posed by the committee based on the student’s submitted materials. The goal of the exam is for students to demonstrate their comprehensive knowledge of their chosen field. The written component of the exam consists in a research paper written in response to a choice of questions posed by the committee. The goal of this portion of the exam is for students to demonstrate their research skills, their ability to develop and substantiate an argument, and to show promise of original contribution to the field. Students have two weeks to write the exam. After the committee has read the exam, the advisor notifies the student of the committee’s decision. Upon the student successful completion of the Comprehensive Exam, they continue to the Qualifying Exam.

Students are expected to take the Qualifying Exam by the end of their third year. The exam focuses on a dissertation prospectus that a student develops with their primary advisor and in consultation with their Ph.D. committee. Each student’s Ph.D. committee consists of at least two members of the Standing Committee and at most one outside member, from another department at the University or from another institution (for a total of at least three committee members.) The prospectus includes an argument with broad implications, demonstrates that the dissertation will make a contribution of knowledge and ideas to the field, demonstrates mastery of existing literature and discourses, and includes a plan and schedule for completion.

The Ph.D. dissertation is written after the student passes the qualifying exam, at which point the student has entered Ph.D. candidacy. The dissertation is defended around the sixth year of study. Students graduating from the program have taken posts in a wide range of universities, both in the United States and internationally.

Research Opportunities
The intellectual life of the students in the M.A. and Ph.D. programs is undergirded by the increasing number of opportunities afforded to students through specialized faculty-led research projects. These include: cityLab, the Urban Humanities Initiative, Hi-C, and the Experimental Technologies Center.

cityLAB is a think tank that focuses on experimental urban architecture. Its director, Dana Cuff, and co-director, Roger Sherman, initiate projects that engage research and design related to three initiatives: the postsurburban city, urban sensing, and rethinking green. Advanced research students from the Department, as well as related departments, participate in all cityLAB undertakings. Recent projects include symposia, design competitions, funded research grants, design-technology installations, and publications on topics ranging from design after disaster, to innovative housing neighborhood infrastructure, to high-speed rail’s implications for the city.

The Urban Humanities Initiative (UHI), of which Dana Cuff is one of the principal investigators, has established UCLA as an internationally recognized hub for collaborative study of urbanism that bridges design with the humanities. UHI’s focus is the comparative study of megacities on the Pacific Rim, including: Tokyo, Shanghai, and Mexico City. Seminars and studios are linked by broad conceptual
themes which demonstrate overlapping cultural and historical dynamics, including: risk and resilience, identity, and density. Several conferences have been organized, including one organized by the M.A. and Ph.D. programs of the Department, “Archiving Risk: Contributions of Architectural and Urban History,” in 2014.

Hi-C is a collaborative group of doctoral and design students, focusing on scholarly research and critical approaches to contemporary design, specializing in extending seminars into exhibitions. Led by Sylvia Lavin, Hi-C has organized critically acclaimed international exhibitions as: “Craig Hodgetts, Playmaker” on view at the Ace Gallery Los Angeles in 2009; “Take Note” on view at the Canadian Centre for Architecture in Montreal in 2010; “Neil Denari, The Artless Drawing” on view at the Ace Gallery in Los Angeles 2010; and “Ultra Expo” at the Japanese American National Museum in 2011, “Everything Loose Will Land,” and “The New Creativity: Man and Machines” both exhibited at the MAK Center for Art and Architecture in 2013 and 2015, respectively.

The Experiential Technologies Center (ETC), directed by Diane Favro, conducts interdisciplinary research focusing on 3D simulation modeling and other types of digital experiential analyses. Students create real-time models of historical environments in UCLA’s cutting-edge Technology Sandbox and Visualization Portal, and have the opportunity to participate in archaeological excavations worldwide. Models produced include simulations of ancient Rome and the Amon temple at Karnak. The ETC also participates in UCLA’s dynamic Hypercities Project and the Keck Digital Mapping Program.

Current Initiatives
The M.A. and Ph.D. programs are launching a Network for Architectural Scholarship. The Network seeks to form a community that gathers to discuss contemporary protocols in pedagogy, research, and exhibition making.

In organized meetings, symposia, and conferences, the group will test the various communication environments and media systems—curricula, books, juries, buildings, installations, archives—that structure architecture’s effect on the academy and culture at large.

The first Network conference will convene during the academic year 2016–17. Some of the invited participants include:

- **Ann Bergren**, UC Los Angeles
- **Ewan Branda**, Woodbury University
- **Maristella Casciato**, Getty Research Institute
- **Nicholas DeMonchaux**, UC Berkeley
- **Ed Dimendberg**, UC Irvine
- **Jennifer Dunlop Fletcher**, SFMOMA
- **David Gissen**, CCA
- **Tom Hines**, UC Los Angeles
- **Dell Upton**, UC Los Angeles
- **Greg Lynn**, UC Los Angeles
- **Jonathan Massey**, CCA
- **Kimberli Meyer**, Cal State Long Beach
- **Patricia Morton**, UC Riverside
- **Albert Narath**, UC Santa Cruz
- **Simon Sadler**, UC Davis
Admission Requirements
1 A short biographical résumé
2 Academic transcripts (one official copy)
3 Examples of written research work
4 Three letters of recommendation
5 A statement of purpose and a proposed program of studies
6 Graduate Record Examination (GRE) scores
7 TOEFL (for international students)
M.A. / Ph.D. IN CRITICAL STUDIES
TYPICAL STUDY PROGRAM

FIRST YEAR

FALL

290  Colloquium
000  Elective in Critical Studies
000  General Elective

WINTER

290  Colloquium
000  Elective in Critical Studies
000  General Elective

SPRING

290  Colloquium
000  Elective in Critical Studies
000  General Elective

SECOND YEAR

FALL

290  Colloquium
000  Elective in Critical Studies
000  General Elective/Language*

WINTER

290  Colloquium
000  Elective in Critical Studies
000  General Elective/Language*

SPRING

290  Colloquium
000  Elective in Critical Studies
000  Thesis/Language*

*for Ph.D.

THIRD YEAR (Ph.D.)

FALL

597  Preparation for Comprehensive Exam

WINTER

597  Preparation for Comprehensive Exam

SPRING

597  Preparation for Comprehensive Exam
Critical Studies
Recent M.A. Theses and Ph.D. Dissertations

Dean Abernathy, “Computer Visualization and Simulation as a Medium for Architectural and Urban History Pedagogy.”


Tulay Atak, “Byzantine Modern: Displacements of Modernism in Istanbul.”


Per-Johan Dahl, “Code Manipulation, Architecture In-Between Universal and Specific Urban Spaces.”

Penelope Dean, “Delivery without Discipline: Architecture in the Age of Design.”


Dora Epstein-Jones, “Architecture on the Move: Modernism and Mobility in the Postwar.”


Jose Gamez, “Contested Terrains: Space, Place, and Identity in Postcolonial Los Angeles.”


Tamara Morgenstern, “Early Baroque Urban Planning at the Water’s Edge in the Kingdom of the Two Sicilies.”


Marie Saldona, “A Procedural Reconstruction of the Urban Topography of Magnesia on The Maeander.”

David Salomon, “One Thing or Another: The World Trade Center and the Implosion of Modernism.”

Ari Seligmann, “Architectural Publicity in the Age of Globalization.”

Lisa Snyder, “The Design and Use of Experiential Instructional Technology for the Teaching of Architectural History in American Undergraduate Architecture Programs.”

Zheng Tan, “Conditions of The Hong Kong Section: Spatial History and Regulatory Environment of Vertically Integrated Developments.”


Graduate Certificate in Urban Humanities

Academically-oriented certificate program focused on urbanism available to currently enrolled graduate students, including M.Arch I and Ph.D. students.

**Program Duration:** 1 year  
**Degree Conferred:** Graduate Certificate in Urban Humanities awarded in addition to pre-existing degree objectives  
**Academic Background:** Open to all graduate students at UCLA currently enrolled in a degree-granting program, with preference given to students from A.UD, Urban Planning, and the Humanities  
**Application:** Separate application available on UHI website

**UHI Program**  
The UCLA Urban Humanities Initiative (UHI), led by Professor Dana Cuff in the Department of Architecture and Urban Design, offers a Graduate Certificate in Urban Humanities for currently matriculated graduate students at UCLA with admission and enrollment preference given to graduate students in A.UD, Urban Planning, and the Humanities, including students in the M.Arch.I and Ph.D. programs. The core faculty for UHI also includes Anastasia Loukaitou-Sideris from Urban Planning, Todd Presner from Digital Humanities, and Maite Zubiaurre from Spanish and Portugese, and they co-teach most courses in the program with an extensive roster of affiliated faculty and visiting scholars. The year-long program brings together students and faculty from these diverse disciplines and departments, wedding

**TYPICAL STUDY PROGRAM***

**FIRST YEAR**

<table>
<thead>
<tr>
<th>SUMMER</th>
<th>289 Design Seminar</th>
<th>2 units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>000 Elective</td>
<td>4 units</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WINTER</th>
<th>289 Design Seminar</th>
<th>2 units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>000 Elective</td>
<td>4 units</td>
</tr>
</tbody>
</table>

| SPRING | 404 International Travel during Spring Break and Humanities Studio | 4 units |

* Courses are taken along with additional courses from your primary degree program, and generally count toward elective credit in your primary degree program. Program includes a total of 20 units. Pre-approved elective courses are listed prior to the beginning of each quarter on the UHI website under “Current Courses.”
design, art, urban studies, and cultural studies to better understand and intervene in cities. Each year, a specific city is studied in comparison to Los Angeles and faculty and students travel to and conduct fieldwork in this city. Past cities have included Tokyo, Shanghai, and Mexico City. The program enjoys funding from the Andrew W. Mellon Foundation, which allows for many of the costs associated with travel to be covered by the program.

Over the course of one year, students develop collaborative projects and share readings through a series of occasional workshops (the “Design Seminar”), travel to and conduct fieldwork in an international city, and complete projects based in that city and in Los Angeles during the spring term (the “Humanities Studio”). Projects generally involve experimental forms of collaborative, urban scholarship, including mapping, video, and publications. The program’s curriculum is research-based and students have gone on to incorporate their work into dissertations, publish papers, present work at conferences, and show work in exhibitions. UHI often provides small amounts of grant funding to encourage this work.

The program blends historical approaches, contemporary urban analysis through qualitative and quantitative methods, and speculative work oriented toward the future. It is recommended for graduate students who are interested in academic careers and teaching, students who are interested in studying cities and contemporary urbanism, and for students who have an interest in blending their architectural education with methods and practices from other disciplines.

How to Apply
Students must apply to the Graduate Certificate in Urban Humanities and be admitted before enrolling in any UHI courses. The program has a competitive admissions process, and admits about 25 students each year, of which about 8 come from A.UD. The application is typically released around February with a June deadline, allowing both newly matriculating and continuing students at UCLA to apply. The short application, due as a single PDF via email, is composed of a cover letter, statement of interest, a CV, copies of transcripts, and, optionally, additional portfolio material may be included. More information and the application, when available, is posted on the UHI website under “Graduate Certificate.”

Contact
urbanhumanities@ucla.edu
www.urbanhumanities.ucla.edu
Students prepare for study trip to Tokyo.

Concurrent Degree Program in Architecture & Urban Design, and Urban Planning
M.Arch.I/M.U.R.P.

Program Duration: 4 years
Degree Conferred: Master of Architecture / Master of Urban and Regional Planning
Academic Background: A.B., B.A., B.S.
(including four-year B.A. or B.S. in Architecture)
Nonarchitecture undergraduate degree or four-year nonprofessional degree in architecture.
Degree Objective on the Application for Graduate Admission (AGA): DAD

The concurrent degree program aims at integrating the knowledge and skills provided in the Architecture and Urban Design Department and the Urban Planning Department. It is intended to serve the growing needs in public and private sectors for architects who are competent in dealing with social, economic, and environmental policy issues, and for urban planners who can integrate architecture and urban design into policy and planning practice.
On successfully completing all requirements, students will receive both the Master of Architecture Degree (M.Arch.I) and the Master of Urban and Regional Planning Degree (M.U.R.P.).

Admission Requirements
Students interested in the concurrent Architecture and Urban Design Department and Urban Planning Department degree program must apply independently to, and be accepted by, both departments, based on existing admission requirements. Once admitted, students will follow a four-year cycle for the concurrent program, and receive their degrees after successfully completing the requirements of both programs. If a student wishes to embark on the concurrent program after being previously admitted to either Architecture and Urban Design or Urban Planning, he/she must apply independently to the second program and, if admitted, complete the requirements of both programs, including the separate thesis/comprehensive exams for each degree.

Areas of Concentration
Along with the basic required training in both Architecture and Urban Design and Urban Planning, students will select one of the following areas of concentration for specialization:

— Housing and community development
— Ecology and environmental planning issues
— Urban policy and design
— Urban transportation and built form
— Theory and methods in planning and design

In consultation with faculty advisors from both Urban Planning and Architecture, concurrent degree students will select one of these fields by the end of the first year so as to provide a coherent focus for their elective coursework. Among the many courses offered in the various fields of emphasis, a student must enroll in at least six courses—at least two from Architecture and Urban Design and at least two from Urban Planning.
B.A. in Architectural Studies

Program Duration: 2 years
Degree Conferred: B.A. in Architectural Studies
Academic Background: Two years of undergraduate study; must be UCLA transfer eligible student for transfer applicants.
Major to apply to: Architectural Studies

The UCLA Department of Architecture and Urban Design offers a Bachelor of Arts in Architectural Studies. The B.A. in Architectural Studies is a two-year major that begins in the junior year of residence.

This undergraduate major features coursework in three areas: Critical Studies, Design, and Technology. The curriculum introduces the fundamental ordering systems of architecture: form, space, tectonics, and program, and their relationships to political, social and cultural constructs. The critical studies sequence builds a foundation in critical thinking that engages historical and contemporary disciplinary contexts. These critical thinking skills are practiced in the design studio with assignments that introduce longstanding disciplinary questions, engage the social role of architecture, and respond to particular audiences, geographic contexts, and programmatic activities. Critical thinking drives the technology sequence with assignments that question emerging technologies, conventional and innovative material assemblies, and the role of architectural representation.

Students learn in intimate studio and seminar settings from faculty scholars, designers, and professionals. The expectations of students are demanding, but the department community is supportive, intellectually engaging, and highly motivated. Central to the pedagogy are two objectives:

— The first provides an understanding of Architecture and Urban Design as a humanist discipline, which engages cultural and social studies, and the history of architecture and cities.
— The second provides, at the same time for interested students, a preparation for graduate professional studies.

Students will experience the design process in a studio setting developing projects that engage issues raised by the academic coursework. In studio, students will develop the ability to think critically about their ideas and explore the creative process in architecture and urban design in relation to these ideas. The direct experience of design is crucial to an understanding of architecture and urban design and their relation to contemporary social, political, and cultural events. This experience provides a strong foundation for those students who elect to continue to graduate studies in architecture but also allow students to pursue degrees in related fields such as art history, design, fine arts, engineering, environmental design, urban studies, and more.

PLEASE NOTE: Admission to the Architectural Studies major is not open to Freshman students. Freshmen are welcome to apply to UCLA with a different or
undeclared major and then apply to change their major to Architectural Studies during the Winter Quarter of their Sophomore year, preferably after having completed some of the pre-major courses.

Transfer Students Admission Requirements
Applicants must have a minimum 3.0 GPA and have received a “B” or better in any of the introductory lecture courses in Architecture.

Students are admitted for Fall quarter only. Admission is highly competitive and only a limited number of students will be admitted each Fall. Transfer students will be expected to complete the lower division preparation courses during their first year of residency.

Submitting the Undergraduate Transfer application is a two-part process:
— Submit the UC Transfer Admissions application to apply for undergraduate admission to UCLA, and any other UC to which you are interested in applying (Deadline: November 30). Part 1 of the application must be completed in order for you to complete part 2.
— Complete the supplementary online application for the UCLA Department of Architecture and Urban Design upon receiving your emailed log-in information. More information is available on the UCLA Supplementary Application Worksheet. This part of your application is reviewed by the Architecture Department’s admissions committee. (Deadline: January 22).

Transfer students must apply during the regular UCLA application period (November 1-30). The University’s online application for undergraduate admission can be found here: http://www.aud.ucla.edu/admissions/undergraduate_admissions.html. Submitting this completed application will enable you to receive the link and log-in information in early January to submit the supplementary portion of your application materials required by the UCLA Department of Architecture and Urban Design. Please note: both steps of the application process MUST be completed in order to be considered for admission.

All admitted students are required to enroll in the full 2-year major sequence regardless of the number of years already spent in undergraduate studies prior to admission as an Architectural Studies major.

UCLA Students Admission Requirements
Applicants must have a minimum 3.0 GPA. We prefer that students complete the pre-major Architecture course requirements before taking major courses. Students are admitted for Fall quarter only. Admission is highly competitive and only a limited number of students will be admitted each Fall. UCLA students are required to complete the lower division preparation for the major courses with grades of “B” or better. We strongly recommend completing these courses before applying for admission to the program.

Submitting the application to change your major to Architectural Studies is a two-part process:
— Complete the Change of Major form, available at the Architecture Department main office located at 1317
Perloff Hall (Deadline: December 12). Part 1 of the application must be completed for you to complete part 2.
— Complete the supplementary online application for the UCLA Department of Architecture and Urban Design upon receiving your emailed log-in information. More information is available on the UCLA Supplemental Application Worksheet. This part of your application is reviewed by the Architecture Department’s admissions committee. (Deadline: January 22).

**PLEASE NOTE:** Both steps of the application process MUST be completed in order to be considered for admission.

**Application Details**
Change of Major Form (Deadline: December 12)

**Supplemental Application**
(Deadline: January 22)

— Questionnaire form
— Statement of Intent
— 3–6 images of creative work

All students will be required to enroll in the full 2-year major sequence regardless of the number of years already spent in undergraduate studies prior to your admission as an Architectural Studies major.

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**TYPICAL STUDY PROGRAM**

**FIRST YEAR (Junior Year)**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALL</td>
<td>30</td>
<td>Introduction to Architectural Studies</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>141</td>
<td>Technology 1: Projections</td>
<td>5</td>
</tr>
<tr>
<td>WINTER</td>
<td>10A</td>
<td>History of Architecture &amp; Urban Design</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Antiquity to Mannerism)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>121</td>
<td>Studio I</td>
<td>6</td>
</tr>
<tr>
<td>SPRING</td>
<td>10B</td>
<td>History of Architecture &amp; Urban Design</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Baroque to the present)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>143</td>
<td>Technology III: Digital Technology</td>
<td>5</td>
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</table>

**SECOND YEAR (Senior Year)**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALL</td>
<td>122</td>
<td>Studio III</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>131</td>
<td>Issues in Contemporary Design</td>
<td>5</td>
</tr>
<tr>
<td>WINTER</td>
<td>142</td>
<td>Technology II: Materials and Methods</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>132</td>
<td>Domestic Architecture</td>
<td>6</td>
</tr>
<tr>
<td>SPRING</td>
<td>123</td>
<td>Studio III</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>133</td>
<td>Modernism and Metropolis</td>
<td>5</td>
</tr>
</tbody>
</table>

† Courses and schedule are subject to change.
Eric Wall
Instructors: Erin Besler, Gabriel Fries-Briggs, Andrew Kovacs, and Narineh Mirzaeian
Tower Complex Elevations
Instructor: Neil Denari
SECOND FLOOR PLAN
1/8" = 1'-0"

Emma Price
Instructor: Heather Roberge
Ingrid Lao
Instructor: Jason Payne

Lori Choi and Mackenzie Keith
Instructors: Jason Payne, Hadrian Predock, Heather Roberge, and Mohamed Sharif
Ailun Jin, Shui Yu, and Xiaodi Li
Instructor: Craig Hodgetts with Marta Nowak
Sai Achariyar Rojanapirom
Instructors: Georgina Huljich, Jimenez Lai, Roger Sherman, and Andy Lantz
Graduate Admissions

Your application is the opportunity to introduce yourself and tell us all about your academic background, interests, achievements, and goals. We thank you for your interest in the A.U.D. and look forward to receiving your application.

Your application should include:
— Statement of Purpose
— Academic Records and GRE Scores (TOEFL Scores for International Students)
— Portfolio of Original Creative Work

More information about these and other required application items are on the following pages. To assist you, they are described in further detail in “Admission Requirements” under each degree program section. We understand this can be a stressful process. Should you have any questions feel free to contact us at admissions@aud.ucla.edu.

Deadlines
December 15:
— All applications must be complete and received by December 15 in order to be reviewed for admission.
— Admission to all of the above programs is for Fall Quarter only.

January 6:
M.Arch.II
— The M.Arch.II/SUPRASTUDIO program begins in early August. All applications must be complete and
received by January 6 in order to be reviewed for admission.

— Students who are admitted but decide not to enroll may reapply for the following year, but admission is not guaranteed.

Application Preparation

— Log into the UCLA Application for Graduate Admission (AGA) online at https://grad.ucla.edu/admissions-application-for-graduate-admission/ to familiarize yourself with the site in advance of uploading all materials and submitting your application.

— Go to www.aud.ucla.edu/admissions/graduate_admissions.html to download the documents and forms you will need to complete your application. Completing the requirements will take some time so prepare and plan accordingly.

Most application components will be uploaded to the AGA, with the exception of a few documents. A full list of application items to be submitted electronically and as hard copies, respectively, can be found at the end of this section.

Statement of Purpose

The Statement of Purpose gives applicants the opportunity to explain to the Admissions Committee their interest in the field and why they consider UCLA the best place to pursue their goals. You should be explicit in stating your reasons for applying, your chosen area of specialization within the major field, your future plans and desired occupation, and any additional information that will aid the Committee in evaluating your aptitude for study. Including a brief résumé explaining relevant past experiences is recommended. M.Arch.II applicants must submit an additional letter of interest for each studio applied to. This statement should address how your interests align with the studio’s focus. M.A. and Ph.D. applicants must also specify their intended area of concentration, and Ph.D. applicants must discuss specific research interests and possible plans for their dissertation.

The Statement of Purpose should be uploaded online to the AGA. There is no need to provide a hard copy to the Department.

Academic Records and GRE Scores

An official copy of transcripts from each college or university attended in the U.S. and abroad must be submitted to the department’s Admissions Office directly from each institution. Instead of being mailed to us by your former college or university applicants may submit their transcripts to us directly as long as they remain in the official signed, sealed envelopes from your college or university. In addition to sending of hand delivering an official copy, a scanned copy of each transcript must be uploaded to the AGA.

The Graduate Division of the University of California at Los Angeles sets a minimum required grade-point average of 3.0 (B) or its equivalent for the last two years of undergraduate study.

You are required to take the Graduate Record Examination (GRE) and to submit your results. Please contact ETS to send us your official score sheets. If possible upload a
scanned copy to AGA. We suggest you take the exam at least three weeks before the application deadline. Our ETS codes are listed below.

**UCLA Architecture & Urban Design**

**ETS Codes for the GRE**

Institution Code: 4837  
Department Code: 4401

**Mailing address for sending official transcripts**

Admissions Office  
UCLA Architecture & Urban Design  
1317 Perloff Hall  
Box 951467  
Los Angeles, CA 90095-1467

**Letters of Recommendation**

Three (3) letters of recommendation are required. These letters should be from individuals who are familiar with your academic and professional experiences and can evaluate your capacity to successfully undertake graduate studies in the Department of Architecture and Urban Design. Letters of recommendation must be sent electronically directly to UCLA by the recommender. When logged into your AGA, you can enter the name and email address of each of your recommenders. They will be contacted by email with a request to submit a letter on your behalf. You can track which letters have and have not been received. You can even send reminders to your recommenders to send their letters.

**Portfolio of Creative Work**  
(M.Arch.I / M.Arch.II applicants only)

A portfolio of your original work is a central part of the application to the Architecture and Urban Design professional degree programs. Content is not restricted to any particular subject area, but the material should form a cohesive presentation and represent your previous experience and creative abilities. It may include both graphic and written material.

To submit your portfolio follow the instructions on our website at: [www.aud.ucla.edu/admissions/graduate_admissions.html](http://www.aud.ucla.edu/admissions/graduate_admissions.html)

**International Applicants**

Students who have received a Bachelor degree in a country where the official language and the language of instruction are not English must submit either a Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) score that meets the minimum score requirement, regardless of visa or citizenship status. In order to be considered for admission, international students must score at least 580 (paper and pencil test) or 237 (computer-based test) or 92 (internet-based test) on the TOEFL, or a 7 on the IELTS exam. Because processing, sending, and receiving TOEFL and IELTS scores often take several weeks, international students must schedule the TOEFL examination no later than October in order to meet departmental deadlines. TOEFL scores should be sent directly to the departmental Admissions Office, and uploaded to the AGA.
In addition, international students must take the English as a Second Language Placement Examination (ESLPE) on arrival at UCLA. At the beginning of their first term in residence, students must take any English as a Second Language (ESL) courses needed as determined by the results of the ESLPE. Because such courses may not be applied toward the minimum course requirement, students who are required to take them should expect to have a higher course load than students not required to take ESL courses.

Students who have earned a degree or who have completed two years of full-time college-level coursework in the following countries will have their TOEFL/IELTS and ESLPE requirements waived: US, UK, Canada (other than schools in Quebec), Australia, and New Zealand. If you are from Quebec you will need to provide a TOEFL/IELTS score. Please provide official transcripts to demonstrate course completion.

No other documentation will be accepted to demonstrate language proficiency.

**UCLA Architecture & Urban Design**

**ETS Codes for the TOEFL**

Institution Code: 4837
Department Code: 12

**Application Instructions**

Here is a summary of the documents and other materials you will need to submit your application to the A.UD.

You are required to submit your application through the online system at AGA.

1. The online UCLA Application for Graduate Admission (AGA) at www.gdnet.ucla.edu/gasaa/admissions/applicant.htm Digital submission via AGA
   - Statement of Purpose
   - Three (3) Letters of Recommendation (submitted online by recommender)
   - Résumé or Curriculum Vitae (recommended, but not required)
   - Departmental Supplement Form (available at http://www.aud.ucla.edu/pdfs/AUD_DepDeptSuppForm.pdf)
   - Prerequisite Sheet (M. Arch. I applicants only) Course Prerequisite Sheet (M. Arch I applicants only) (available at http://www.aud.ucla.edu/pdfs/AUD_PreReqSheet.pdf)
   - Scanned copy of transcripts
   - Scanned copy of GRE scores*
   - Scanned copy of TOEFL or IELTS scores* (International applicants only)
   - Sample of written work (M.A. and Ph.D. applicants only)
   - Portfolio of original creative work (M.Arch.I and M.Arch.II applicants only). Information on uploading your digital portfolio can be found here: http://www.aud.ucla.edu/admissions/graduate_admissions.html
*Official copies of these documents must also be sent to the Department of Architecture and Urban Design directly from the issuing organizations.

2. All applicants must submit the following by mail or deliver by hand to A.UD:

— Official transcripts from each college attended (in addition to the uploaded copy)

*Hard copy materials must be postmarked by deadline.

Mailing Address
Admissions Office
UCLA Architecture & Urban Design
1317 Perloff Hall
Box 951467
Los Angeles, CA 90095-1467

(If using a courier service, like FedEx or UPS, please use this address, excluding “Box 951467”.)

Estimated Annual Fees and Expenses for 2016–17

Fees & Tuition
(These are entering student estimates only.)

M.A. / Ph.D.
Fees: $15,910 (M.A.), $15,930 (Ph.D.)
Non-Resident Supplemental Tuition (if applicable): $15,102

M.Arch.I
Fees: $15,830
Professional Degree Supplemental Fees: $8,400
Non-Resident Supplemental Tuition (if applicable): $12,245

M.Arch.II
Fees: $41,568

Note: for most current fees, visit the Registrar’s Office website. Please find the links for each of our programs for the 2016–17 academic year below:

M.A. & Ph.D:
https://grad.ucla.edu/gss/library/1516gradfees.pdf

M.Arch I:
https://grad.ucla.edu/gss/library/1516proffees.pdf
http://www.registrar.ucla.edu/Fees-Residence/Annual-Fees
California Residency
As indicated in the schedule above, students who are not legal residents of California (out-of-state and international students) pay a nonresident supplemental tuition fee each term. The “Appendix” in the UCLA General Catalog provides information concerning determination of residence for tuition purposes.

For further information regarding California Residency, please visit www.registrar.ucla.edu/Fees-Residence/Residence-Requirements.

Note: Fees are subject to change without notice. In addition to the above fees, students should be prepared to pay living expenses for the nine-month academic period.

A.UD Financial Support
The UCLA Department of Architecture and Urban Design offers students a number of financial opportunities in the form of scholarships, need-based awards, teaching assistantships, readerships, graduate student research awards, and work-study opportunities. Awarded strengthen their résumés and curriculum vitae with these awards for future employment prospects. An overview of the sources of UCLA support is provided in the UCLA Application for Graduate Admissions, along with a fellowship application, which should be completed by all applicants who wish to be considered for the Graduate Division fellowships.

The Financial Aid Office at UCLA administers financial support based solely on need. Awards include long-term low-interest loans and work-study funds, and are available only for graduate students who are U.S. citizens or permanent residents. These students may also apply for Federal Stafford Student Loans through the Financial Aid Office, which are long-term loans made by private lending organizations.

To be considered for extramural funding, apply directly to the funding organization. Most college libraries or financial support offices keep listings of available grants or Fellowships. The UCLA Graduate Student Support office maintains extensive notebooks of the many types of extramural awards available. Among these, the American Institute of Architects (AIA) and other architecture associations make awards annually.

Recruitment Fellowships
Recruitment packages are offered to the most outstanding students. All applicants to A.UD graduate programs are considered for recruitment packages at the time their application is reviewed. No additional applications are necessary to be considered for these awards. Fellowship packages generally cover one to three years of in-state tuition fees including the professional degree supplemental tuition. Based on the current fee structure, the dollar value of each package is about $23,000 for each year of funding offered. Ph.D. applicants are usually offered packages in the form of Teaching Assistantships.
Continuing Student Awards
Second- and third-year M.Arch.I students are eligible to apply for Continuing Student Awards based on need and merit. At the beginning of each academic year, students submit an application essay, FAFSA information, and portfolio. In 2015–16, sixty-five students won awards ranging in value from $750–$4,000.

Teaching Assistantships and Readerships
Second- and third-year M.Arch.I students may apply in the Spring term to be considered for teaching assistantship and readership positions for the following academic year. These positions cover the cost of in-state fees and provide a stipend. In 2015–16 M.Arch.I students were awarded nine T.A.ships and fourteen readerships.

Entering Ph.D. students may be offered T.A.ships as part of their recruitment packages, and may also be considered for TAships by applying during their subsequent years of attendance. In 2015–16. M.A./Ph.D. students were awarded thirty-two T.A.ships for the 2015–16 academic year.

Work-Study
There are two types of work-study programs, the Federal Work-Study program (awards up to $2,000/year), and the Graduate Work-Study program (awards between $5,000–$15,000/year). Information on Graduate Work-Study program may be found here: https://grad.ucla.edu/funding/financial-aid/graduate-work-study-program/. Students who are eligible to receive federal loans may petition to be considered for either program. We offer several federal work-study positions in the Department. These positions include photographer, graphic designer, audio/visual assistant, shop assistant, exhibitions installer, and assisting with the print lab operations. The Graduate Work-Study Program is for “need-based eligible” graduate students completing part-time paid internships, community service, research projects, or other endeavors closely related to their academic degree program. Students must submit additional paperwork to be considered for the UCLA Graduate Work-Study Program.

Work-study positions are made available to those architecture and urban design students awarded Federal Work-Study package and who wish to work in the Department as graduate student researchers, or as assistants in the computer lab, archive, shop, or gallery. Departmental Federal work-study job applications are available from the Student Advisor.

Graduate Student Researcher appointments are available depending on extramural or Academic Senate grants secured each year by individual faculty members. Interested students should contact the departmental office for information about available positions. Readerships are available depending on funding received.

Named Fellowships
Named Fellowships are available annually to continuing students through the generosity of private individuals, firms, or foundations. In the spring quarter, all continuing students compete in the Awards Day competition for these merit and need-based scholarships. M.Arch.I
students submit design work, while M.A./Ph.D. students submit original written work. A faculty committee reviews anonymously submitted student work to distribute as many as twenty named awards ranging in value from $1,000–$7,500. Some examples include:

Alumni Fellowship
Anne Greenwald Traveling Fellowship
Associated Architecture and Urban Planning Alumni Fellowship
Carlin Glucksman Endowed Fellowship in Architecture
Chao-Di Su Fellowship
Clifton Webb Fine Arts Scholarship
CO Architects
Dean’s Fellowship
Dini Ostrov Architecture Fellowship
Edgardo Contini Fellowship
Edna and Yu-Shan Han Fellowship
Elaine Krown Klein Fine Arts Scholarship
Fine Arts Council Fellowships
Franklin D. Israel Memorial Fellowship
Harvey S. Perloff Fellowship
James Pettit Memorial Fellowship
Jeffrey “Skip” Hintz Memorial Fellowship
King Gift
Mimi Perloff Fellowship
UCLA Affiliates Fellowships
Wendell Fellowship
A.UD Lecture Series
Architects, critics, and designers visit the Department to present a series of public events throughout the year including lectures, workshops or to participate on reviews. Lectures offer the opportunity to learn about the new work of prominent architects, designers, theorists, and historians. Exhibitions feature innovative student and faculty work, as well as the work of local and national architects, artists, and designers presented in the Perloff Gallery.

IDEAS Lecture Series
The IDEAS Lecture Series charts a dynamic new future for architecture by engaging speakers from a broad range of disciplines. The series looks beyond the field’s traditional boundaries and explores topics arising from unexpected quarters—entertainment, automotive, aerospace, and tech industries—in order to explore rapidly emerging new technologies, possibilities for interdisciplinary growth, and the role of Los Angeles in the evolution of architecture.

RUMBLE
Faculty and students engage in the shifting edge of contemporary critical thinking and design innovation staged across two campuses at Perloff Hall and IDEAS through an all school exhibition presented to the community and to jurors in June. “RUMBLE” features final projects completed by students in conjunction with faculty. The exhibition includes more than 20,000 square feet of year-end studio and program installations with more than 100 jurors and critics in participation that re-define the provocative opportunities confronting the next generation of architects. Initiated by former chair Hitoshi Abe, the exhibition is known around the world.
Workshops
A.UD workshops invites prominent figures in architecture and design to the Department to work with students on issues related to the confrontation between disciplinary concepts and architectural practice including (but not limited to) details, models, documents, and specifications.

POOL
POOL is the student journal of the Department of Architecture and Urban Design. It is driven by an interest in an expanding definition of architectural work that, in a culture of high volume content exchange, considers curation as a primary form of cultural production. Following this, we contend that the syllabus, the archive, and the aggregator are all valid forms of architectural work that we welcome and encourage in our publication. POOL is a site of this type of work, experimenting with interface between its three primary platforms: event, digital, and print. Events and ongoing digital publication act not only as productive indicators of relevant themes, but also feed into an annual print edition. POOL aspires to reach new audiences, seeing the separation of fields into hermeneutic discourses as unproductive, and strives instead for the inclusion of new and unexpected audiences through the incorporation of media unconventional to architectural discourse.

2015–16
Managing Editors: Heidi Alexander, Jesse Hammer
Content Editors: Ingrid Lao, Brian Yarish
Graphic Editor: Victoria McKenna
Digital Editor: Nawid Piracha
Production Editor: Mackenzie Keith
Event Editor: Sai Rojanapirom
Finance Editor: Alyssa Koehn
Student presents research at RUMBLE 2016.
Casey Jones and Veronica Chan
Instructor: Erin Besler

Student contemplates his model.

Georgina Huljich comments on the masterplan for a futurist city for 10,000 people.
Hyperloop capsule mockup
Instructor: Craig Hodgetts with Marta Nowak
Photographer: Eleana Zhukova
Guvenc Ozel’s SUPRASTUDIO students present work at RUMBLE 2016.

Sylvia Lavin leads conversation in Jimenez Lai’s Super Group Seminar review at RUMBLE 2016.
The New Creativity exhibition on view at The MAK Center in 2015 was organized by Sylvia Lavin with her Hi-C students.
Faculty

Faculty Bios

Hitoshi Abe
Professor; Ph.D. (Tohoku University); M.Arch. (SCI-Arc); M.Eng. (Tohoku University); B.S. Engineering (Tohoku University)

Since 1992, when Dr. Hitoshi Abe won first prize in the Miyagi Stadium competition, he has maintained an active international design practice based in Sendai, Japan, and Los Angeles, as well as a schedule of lecturing and publishing, which placed him among the leaders in his field. Known for architecture that is spatially complex and structurally innovative, the work of Atelier Hitoshi Abe has been published and received numerous awards in Japan and...
internationally, including the 2011 Japan Society for Finishing Technology Award for the F-town building, 2009 Contractworld Award for Aoba-tei, 2009 Architectural Institute of Japan Award for the K-Museum, 2009 the Architectural Institute of Japan Education Award, 2008 SIA-Getz Prize for Emergent Architecture in Asia, the 2007 World Architecture Award for M/Kanno Museum, the 2005 Good Design Award for Sasaki Office Factory for Prosthetics, the 2003 Architectural Institute of Japan Award for Reihoku Community Hall, 2003 Business Week and Architectural Record Award for Sekii Ladies Clinic, 2001 Building Contractors Society Award for Miyagi Stadium, and 1999 Yoshioka Award for Yomiuri Media Miyagi Guest House. Before founding Atelier Hitoshi Abe in 1993 in Sendai, Japan, he worked with Coop Himmelblau in Los Angeles from 1988-1992. He opened a second office in Los Angeles in 2008 to work on a series of projects outside of Japan including invited competitions and exhibition installations. Abe is also the director of Paul I. and Hisako Terasaki Center for Japanese Studies and holds the Terasaki Chair for contemporary Japanese study.

Cristobal Amunategui
Lecturer; Dipl. Arch. (Pontificia Universidad Católica de Chile); MS.AAD (Columbia); Ph.D. Candidate; (Princeton)
Amunategui’s work in architectural history focuses on the eighteenth- and nineteenth-century architecture of entertainment in France. In his research he pays particular attention to the overlapping of aesthetics, technology and architecture in the modalities of commercialized entertainment deployed in the second half of the nineteenth century, inscribing these buildings and practices in the wider modern effort to produce ‘absolute’ accounts of the world. He has taught in various American and Chilean institutions, and articles about his research as well as on contemporary architectural issues have appeared in journals and book collections in the US and Europe. In 2011 Amunategui co-founded the office Amunategui Valdes, which comprises the architectural work he and Alejandro Valdes have developed since 2000. The first monograph of their work will appear in December 2016. Currently he is a doctoral candidate in architectural history and theory at Princeton University.

Katy Barkan
Lecturer; M.Arch. (Harvard University); B.A. (Barnard College)
Barkan’s Los Angeles-based practice focuses on a range of speculative and built projects. Before coming to UCLA she was faculty at Harvard GSD from 2012-2014. Her graduate thesis work “Grounds for Architecture” was selected for exhibition at the 12th International Architecture Biennale in Venice in 2010. She has worked for and collaborated with several practices including Architecture Research Office, MOS, and Preston Scott Cohen. Her work and writing has been published in Clog and Platform and she has been an invited critic at MIT, RISD, North Eastern, Cooper Union, Pratt, SCI-Arc, and Berkeley, among others. Before turning her attention to architecture, Katy worked at Artforum magazine in New York.

Erin Besler
Lecturer; M.Arch. (SCI-Arc); B.A. (Yale University)
Erin Besler was born in Chicago, Illinois. She has worked for Tigerman-McCurry Architects and VOA Associates in Chicago and for First Office and Zago Architecture in Los Angeles. She was the 2013–2014 Teaching Fellow at UCLA A.U.D. Her work is situated within the gap between disciplinary problems and practical problems and seeks to refit things that have been relegated to practice, such as everyday aspects of construction, building information modeling and architectural mockups, into a conceptual framework. Her work has been presented and exhibited in Beijing, Los Angeles, Paris, Chicago, New York, and San Francisco with publications in Log, Pidgin, FutureAnterior, Project, San Rocco, and Perspecta. Recently she was awarded the Architectural League of New York Young Architects Prize. She is a co-founder, with Ian Besler, of the Los Angeles based practice Besler & Sons, an interdisciplinary architecture and design studio that works on buildings, mockups, interfaces, and software. In 2015 they were finalists for MoMA PS1’s Young Architects Program, participants in the Chicago Architecture Biennial, and the Shenzhen & Hong Kong Bi-City Biennial of Architecture/Urbanism as part of the exhibition “Now, There,” which was awarded the UABB Bronze Dragon.
Mertcan Büyüksandalyaci
Lecturer; B.Arch. (Istanbul Technical University); M.Arch. (Politecnico di Milano); M.Arch.II (UCLA)
Mertcan Büyüksandalyaci is a designer and a researcher concentrating on the intersection of architecture and technology. He has worked in various design firms including The Jerde Partnership on various housing, commercial and urban projects. His current exploration focuses on robotics, artificial intelligence, virtual reality, augmented reality and digital fabrication; and his primary objective is to develop systems which merge these platforms with architecture to create dynamic, interactive spaces using cyber-physical systems. His recent works simultaneously take place in both digital and physical mediums linked by complex computational tools.

Steven Christensen
Lecturer; M.Arch. (Harvard University); B.A. (University of Utah)
Christensen is founding partner of the interdisciplinary collaborative NO RELATION and principal of Steven Christensen Architecture, Inc. Previously, Christensen was a designer at Preston Scott Cohen, Inc. He joined the architecture faculty at UCLA in 2012, where he teaches graduate and undergraduate courses in design. His research and design work is influenced by his background in architecture and psychology, with a current interest in polyvalence, or the potential for design to engage a diverse audience by operating on multiple intellectual and perceptual strata. His work was included in exhibitions in 2014 including Emerging Professionals at the American Institute of Architects in Washington D.C., and Come In! S, M, L, XLA at the A+D Museum in Los Angeles.

Dana Cuff
Professor; Ph.D., Architecture (UC Berkeley); B.A., Psychology, and Design (UC Santa Cruz)
Dr. Cuff has engaged cultural studies of architecture and the city as a teacher, scholar, practitioner, and activist. Her leadership in urban innovation is widely recognized both in the US and abroad. Cuff is the founding Director of cityLAB, a think tank that engages experimental design and research about the emerging metropolis. Founded in 2006, cityLAB is currently developing innovative, high-performance, low cost infill housing prototypes as backyard homes for Los Angeles. State policy, a full-scale installation on the UCLA campus, and a demonstration house to be constructed on behalf of the L.A. Mayor’s office and the Bloomberg Innovation team are all part of this project. cityLAB was invited to exhibit at the 2010 Venice Architecture Biennale, was featured on CNN and in Newsweek magazine, and was named one of the top four urban think tanks in the country by Architect Magazine. In 2013, Cuff led a cross-disciplinary team at UCLA that received a substantial multi-year award from The Mellon Foundation for the “Urban Humanities Initiative” which brings the humanities and design together to build new curricular and discursive platforms to better understand collective life in Pacific Rim megacities. Renewed by the Mellon in 2016, new funding will create a sustainable program in Urban Humanities for undergraduates and graduates at UCLA. Cuff has published and lectured extensively about the modern American metropolis, the architectural profession, affordable housing, and spatially embedded computing. She has written and edited a number of books, including Architects’ People (with W.R. Ellis; 1989), Architecture: The Story of Practice (1989), The Provisional City (2000), a collection of Robert Gutman’s writings (Architecture from the Outside In, with J. Wreidt; 2010), and Fast Forward Urbanism (with R. Sherman, 2011). She is currently working on a book about the practices of urban humanities.

Kevin Daly
F.A.I.A., Lecturer; M.Arch. (Rice University); B.Arch. (UC, Berkeley)
Daly is the founder of Kevin Daly Architects, an internationally recognized architectural practice focused on craft, construction and material systems, and high performance buildings. His systematic design process engages material and technical research, employing traditional and digital design and representation processes at multiple scales. Intervention and experimentation with normative construction systems is a hallmark of the firm’s work: a belief in the creative potential at the low end of available technology has been a guiding premise in the improvisational urbanism that characterize
many of the firm’s Los Angeles projects. Daly led the design effort for the firm’s award-winning projects including the Valley Center House, the Camino Nuevo Charter Academy, the Camino Nuevo High School, the modernization and expansion of UCLA’s School of Music, and the Art Center College of Design South Campus Building. Current projects include a commercial storefront in Miami’s Design District, a housing complex at UCSB, and the UCLA Basketball Practice Facility. In addition to over thirty state and local AIA design awards, Kevin Daly’s work has been recognized with a National AIA Honor Awards, a Gold Medal from the Bruner Foundation, a Millennium Award from Global Green, and his firm received the inaugural AIA/LA Firm of the Year Award in 2009. Prior to joining the UCLA faculty, he has been a visiting studio instructor at University of Michigan, SCI-Arc, UC Berkeley, University of Southern California and Arizona State University.

Neil Denari
Interim Chair, Professor; M.Arch. (Harvard University); B.Arch. (University of Houston)

Denari is principal of NMDA, Neil M. Denari Architects Inc., and Interim Chair at A.U.D.. In 2015, he was elected to The College of Fellows of AIA. Among his many awards is the Los Angeles AIA Gold Medal, received in 2011. His work has been included in many exhibitions, including the solo show “The Artless Drawing” in 2010 at Ace Gallery LA and the 2013 group show “New Sculpturalism” at MOCA Los Angeles. His work is permanently held by eight major museums around the world. With NMDA, Denari works on building projects in North America, Europe and Asia. In 2012, NMDA won first prize in the New Keelung Harbor Service Building competition. Denari lectures worldwide and has been a Visiting Professor at Harvard, Princeton, Columbia, and UC Berkeley among other schools and was the Director of SCI-Arc from 1997-2002. He is the author of Interrupted Projections (1996), Gyroscopic Horizons (1999), and Mass X, forthcoming in 2016.

Benjamin Ennemoser
Lecturer; BSc.Arch. (University of Innsbruck, Austria); M.Arch. DI. (University of Innsbruck, Austria); State Exam Architecture (Università Iuav di Venezia)

Benjamin Ennemoser is an architect and researcher based in Los Angeles. He has received several research fellowships, including the Tische-Stipendium, the Dr. Otto Seibert-Stipendien-Schenkung and the Start-Scholarship. Ennemoser has exhibited and published his work all extensively and taught workshops at the University of Innsbruck, University of applied Arts Vienna and the University of Fine Arts Vienna. He has collaborated with Francois Roche and Michael Whart on numerous research projects of applied Robotic in architecture. He has worked in the following offices: GraftLab, New Territories and LAAC Architects and was a Teaching Assistant of Prof. Kathrin Aste at the Crossover-Studio, at the University of Applied Arts in Vienna where he worked on a project for the Venice Architecture Biennale 2016. He is working on independent projects, within the field of applied robotics, VR, and AR.

Diane Favro
Professor; Ph.D., Architectural History (UC Berkeley); M.A., Art History (UC Santa Barbara); B.A., Art (San Jose State)

Favro’s research explores the urbanism of ancient Rome, archaeological historiography, women in architecture, and digital applications of 3D modeling in the humanities. Her publications include Streets: Critical Perspectives on Public Space (co-editor, UC Press, 1994; Turkish editions 2007, 2011), The Urban Image of Augustan Rome (Cambridge University Press, 1996), Paradigm and Progeny (co-editor, JRA Supplement 2015) and Roman Architecture and Urbanism (co-author with F. Yegül, Cambridge University Press). Founding Director of the UCLA Experiential Technologies Center, Dr. Favro was an early adopter of 3D real-time digital modeling for historical research, with substantive grants (NEH, NSF, Intel, and the Mellon Foundation among others) for such pioneering, award-winning projects as the Digital Roman Forum and Digital Karnak. At UCLA she collaborated on the establishment of two vibrant interdisciplinary initiatives: Digital Humanities and Urban Humanities and is currently
Associate Dean of the School of Arts and Architecture. Among other honors she was the James Ackerman Resident at the American Academy in Rome in 2014. Dr. Favro served as President of the Society of Architectural Historians. In 2016 she was named a SAH Fellow for a lifetime of significant contributions to the field.

Gabriel Fries-Briggs
Lecturer; B.A. (Columbia University); M.Arch. (Princeton University)
Fries-Briggs is a creator of Reimaging, a project and web platform that cultivates representational futures for fabrication in architecture. He also runs 2426 SET, an exhibition and performance space in Los Angeles in which he exhibited 10 Casts as the culmination of his UCLA Teaching Fellowship. He has worked for MOS and Situ Studio in New York City and has written about architecture for the journals Pidgin, Nova Organa, Project, ARPA and Spacer and contributed to the book Robotic Fabrication in Architecture, Art and Design (Springer 2016.) His work focuses on the role of tools, and their intersection with labor, design, and documentation.

Craig Hodgetts
Professor; M. Arch. (Yale University); B.A. Architecture (UC Berkeley); B.F.A. (Oberlin College)
Hodgetts, FAIA, is Principal and Co-Founder of Hodgetts + Fung (HplusF), an interdisciplinary architecture and design studio he formed with partner Hsinming Fung in 1984. He is known for employing an imaginative weave of high technology and story-telling to invigorate his designs, producing an architecture that embraces contemporary ideology, information culture, and evolving lifestyles. With a broad-ranging background in automotive design, theater and architecture, Hodgetts has created a spectrum of award-winning projects, which includes the temporary yet emblematic UCLA Towell Library, the new acoustical shell for the Hollywood Bowl, renovation of the historic Egyptian Theater in Hollywood, the LACMA exhibition “California Design, 1930-1965: Living in a Modern Way,” and Wild Beast Pavilion at the California Institute of the Arts. Hodgetts’ published works include articles on the arts, architecture, and entertainment, he is frequently invited to lecture on topics ranging from urban design to film. HplusF was awarded the AIACC Firm Award in 2008. In 2007, Hodgetts was recognized as CED/CEP Alumni Distinguished Alumnus by UC Berkeley. Hodgetts and Fung were awarded an AIA Gold Medal award in 2006. In 2004, Hodgetts was recognized as the Educator of the Year by the AIA Los Angeles Chapter. In 1994, Hodgetts and Fung were Honorees of the American Academy of Arts and Letters, and in 1996 they were awarded a Chrysler Award for Innovation in Design. Hodgetts was a Founding Dean of the School of Design at the California Institute of the Arts.

Georgina Huljich
Assistant Adjunct Professor; M.Arch. (UCLA); Diploma (National University of Rosario)
Huljich is Principal of P-A-T-T-E-R-N-S, a design research architectural practice based in Los Angeles. P-A-T-T-E-R-N-S gained international recognition for its subtle approach to architecture; one that seamlessly integrates digital technology within an extensive consideration of form, novel tectonics and innovative materials. With a decidedly global influence and working across multiple scales, programs and cultures, P-A-T-T-E-R-N-S completed projects in the US, South America and Asia. Their work was exhibited and published worldwide and is part of the permanent collections of San Francisco MOMA, Chicago Art Institute and Vienna MAK Museum. P-A-T-T-E-R-N-S received numerous prizes and awards including two AIA LA Honor Awards, an AIA National Design Review Honorific Mention; first prizes in the competitions for the SCI-Arc Graduation Pavilion, a Temporary Pavilion for MOCA and the Vertical Garden at the Schindler House in L.A.; grants from the Graham Foundation and invitations to the Venice, Chicago and Hong Kong Biennials. P-A-T-T-E-R-N-S integrated the Emerging Voices Series of the Architectural League of New York, and was the recipient of the Arch is Award by the AIA L.A. Chapter. In 2013, Spina and Huljich were the recipients of the prestigious United States Artists Fellowship when they published their first comprehensive monograph entitled Embedded. Huljich has previously worked for the Guggenheim Museum, the architectural firm Dean/Wolf architects in New York, and as a project designer at Morphosis in Los Angeles. She was the 2005–06 Maybeck Fellow at UC Berkeley.
Wonne Ickx
Lecturer; B.C.E. and M.Arch.I (University of Ghent, Belgium); M.Arch.II (CEMET, University of Guadalajara, Mexico)

Ickx founded PRODUCTORA in Mexico City, together with Abel Perles, Carlos Bedoya and Victor Jaime in 2006. PRODUCTORA was awarded the Architectural League Prize in 2007 and Emerging Voices in 2013. In 2016 the studio received the Mies Crown Hall Americas Prize for emerging architects from the IIT College of Architecture. Among the office’s many publications, the monographs published by Arquine in 2010 and 2G in 2014 summarize the work over this intense period of production. Ickx has taught architecture and urbanism at the Universidad Iberoamericana, Universidad La Salle and Centro de Diseño in Mexico City. Before founding his studio, Ickx worked several years as a project director at Neutelings Riedijk in Rotterdam and at Fernando Romero in Mexico City. He has lectured worldwide about his work and as the founding director of LIGA, Space for Architecture, Mexico City, an independent platform that since 2011 stimulates interchange of ideas and investigation on contemporary Latin American architecture in Mexico City. Ickx has been a member of the editorial board of Arquine since 2010.

Jeffrey Inaba
Associate Adjunct Professor; M.Arch.1 & MA (Harvard University); B.A. (UC Berkeley)

Inaba is a principal of INABA WILLIAMS, an architecture firm based in Brooklyn that is interested in the intersection of building design, technology, and human experience. INABA WILLIAMS has completed commissions for Red Bull Music Academy, Whitney Museum of American Art, Red Bull North America, New Museum, Van Alen Institute, and Public Art Norway. In addition, Inaba has conducted research commissions about design, culture, and technology for YouTube, Audi, Hyundai, and Citi. Before starting INABA WILLIAMS he was a principal of AMO. He has published two books, Adaptation: Architecture, Technology and the City (2012), and World of Giving (Lars Müller Publishers, 2010) and edited numerous issues of magazines exploring architecture’s engagement with technology, counterculture, and building systems.

Julia Koerner
Lecturer; Mag.Arch. (University of Applied Arts, Vienna, Austria); M.Sc. (Architectural Association, London, UK)

Koerner is an award-winning designer working at the convergence of architecture, product and fashion design with a focus in additive manufacturing and robotic technology. Her work has been featured in National Geographic Magazine, at the Venice Biennale, Paris Haute Couture and institutions such as the FRAC Centre in Orleans, the Art Institute of Chicago, the High Museum of Art in Atlanta and the Metropolitan Museum of Art in New York. The constantly intriguing aspect of Koerner’s work is the embodiment of a beautiful organic aesthetic. Born in Salzburg, Austria, Koerner is founder of JK Design GmbH, specializing in digital design for 3D-Printing. Her most recent collaborations involved 3D-printed fashion pieces developed with Haute Couture Houses in Paris, one of them Dutch designer Iris Van Herpen. In 2015, Koerner launched an entirely 3D-printed ready-to-wear collection entitled ‘sporophyte’. Koerner has held previous academic appointments at the University of Applied Arts Vienna, Lund University in Sweden and the Architectural Association Visiting School in France and Jordan.

Andrew Kovacs
Lecturer; M.Arch. (Princeton University); B.Arch (Syracuse University)

Kovacs was born in Chicago, Illinois. In 2012-2013 Kovacs was the inaugural UCLA A.UD Teaching Fellow for which he produced “Goods Used: An Architectural Yard Sale” at Jai and Jai Gallery in Los Angeles. In collaboration with Laurel Broughton in 2014, the pair produced Gallery Attachment/As Builts sponsored by the L.A Forum’s John Chase Memorial fund and Storefront for Art and Architecture’s World Wide Storefront program. “Gallery Attachment/As Builts” was a two-part show: an architectural intervention in a residual space in Los Angeles’ Chinatown composed of the debris of modern civilization. Kovacs, is the creator and curator of Archive of Affinities, a website devoted to the collection and display of architectural b-sides. Kovacs’ work on architecture and urbanism has been published widely including Pidgin, Project, Perspecta, Manifest, Metropolis, Clog, Domus, and Fulcrum. His recent design work
includes a proposal for a haute dog park in downtown Los Angeles and the renovation of an airstream trailer into a mobile retail store that travels the Pacific Coast Highway.

Jimenez Lai
Lecturer; M.Arch. (University of Toronto)
Lai lived and worked in a desert shelter at Taliesin and resided in a shipping container at Atelier Van Lieshout on the piers of Rotterdam. Before founding Bureau Spectacular, Lai worked for various international offices, including OMA. Lai is widely exhibited and published around the world, including the MOMA-collected White Elephant. His first manifesto, Citizens of No Place, was published by Princeton Architectural Press with a grant from the Graham Foundation. Draft II of this book has been archived at the New Museum as a part of the show Younger Than Jesus. Lai has won various awards, including the Architectural League Prize for Young Architects and Debut Award at the Lisbon Triennale. In the past years, Lai began building structures at an architectural scale, including the Taiwan Pavilion at the 14th Venice Architectural Biennale, and a 52’ object at the 2016 Coachella Valley Music Festival. Amongst his other efforts, Lai organized the 14-volume Treatise publication series.

Sylvia Lavin
Professor; Ph.D. and M.A (Columbia University);
B.A. (Barnard College)
Lavin is an internationally known critic, historian, and curator whose work explores the limits of architecture across a wide spectrum of historical periods. Her most recent books include Kissing Architecture, published by Princeton University Press in 2011 and The Flash in the Pan and Other Forms of Architectural Contemporaneity, published by the Architectural Association in 2014. As the curator of “Everything Loose Will Land,” she conceptualized a large-scale exhibition that focused on the intersections between art and architecture in Los Angeles during the 1970s. Her next exhibition, “Creative Spaces,” explores the relationship between architecture and the radical redefinitions of creativity that have taken place since the advent of computing. She is currently the Director of the Critical Studies and M.A./Ph.D. programs at A.UD, where she was Chairperson from 1996 to 2006, and The Curatorial Project, a collaborative design and research group that supports the critical engagement with experimental architecture in the public realm. Lavin has taught at Princeton, Harvard, Columbia and numerous other institutions and has been recognized by many grants and awards, most recently from the American Academy of Arts and Letters, the Getty Research Institute, and the Graham Foundation.

Steve Lee
Lecturer; M.Arch. (Yale School of Architecture);
B.S. in Architecture, (Yonsei University, Seoul, Korea)
Steve Lee is the founder and principal of Aprilli, a Los Angeles-based design atelier mainly focusing on design, research and implementation of sustainable design and planning strategies. As a product designer and architect, his project ranges from smaller scale product designs to larger scale urban proposals which improve the quality of human life, society and surrounding environments. His recent flower vase collection has been showcased at various galleries and international exhibitions including ICFF and HD Expo. Prior to establishing Aprilli, he has worked at architectural design firms including Kohn Pedersen Fox Associates, RTKL Associates and Koetter Kim Associates for about eight years as lead designer on international high rise, commercial and hospitality projects. His work has been published on international design magazines and media extensively. Steve is a registered architect in California and has previously taught design studios at California Polytechnic State University, San Luis Obispo.

Alan Locke
Adjunct Professor; B.Sc., Mechanical and Industrial Engineering (Napier University of Commerce and Technology, Edinburgh, Scotland); M.Sc., Fuel Technology (Middlesex University, London)
Locke has previously taught at SCI-Arc and the University of Southern California. He founded Ideas for the Built Environment (IBE) Consulting Engineers in 1999. Prior to starting IBE Alan was a Director at Arup in Los Angeles. He has completed more than 200 projects, from conceptual design through construction and commissioning.
In addition, he has been involved in numerous engineering feasibility studies, value engineering sessions, and master-planning projects. Locke and his firm are known for being leaders in sustainable design. His current projects that encompass the principles of sustainable design include the Cedar Sinai AHSP building, the Louis Vuitton Museum in Paris and the Cooper Union Engineering Building in New York City.

Greg Lynn
Professor; M.Arch. (Princeton University); B.Phil. and B.E.D. (Miami University of Ohio)

Lynn has been at the cutting edge of design in both architecture and design culture in general when it comes to the use of the computer. The buildings, projects, publications, teachings, and writings associated with his office have been influential in the acceptance and use of the advanced technologies germane to the aeronautic, automobile, and film industries of Southern California in architecture. In 2002 he led a group of UCLA students to participate in the Venice Biennale of Architecture representing the United States in the US Pavilion. In 2008 he received the Golden Lion at the 11th Venice Biennale of Architecture, and in 2016 he was commissioned by the Architectural Imagination to contribute a project to the US Pavilion at the 15th Venice Biennale of Architecture. In 2003 he was honored with the American Academy of Arts and Letters Architecture Award. Forbes magazine named Lynn one of the ten most influential living architects in 2005, and in 1999 Time Magazine named him one of 100 of the most innovative people in the world for the 21st century. He was named a 2010 Fellow of United States Artists (USA). His work is in the permanent collections of the Art Institute of Chicago, the San Francisco Museum of Modern Art, the Museum of Modern Art in New York City, and the Canadian Center for Architecture in Montreal where he recently opened the final of three “Archaeology of the Digital” exhibitions that he curated, which focus on the development and use of computers in architecture. He is the author of eight books.

Mark Mack
Professor; Magister Architecture (Academy of Fine Arts, Vienna, Austria)

In 1976 Mark Mack founded Western Addition, an organization devoted to fine architecture. He was also co-founder and editor of Archetype Magazine. Since 1984, he leads Mack Architect(s) in Venice, CA. Before joining the A.UD faculty in 1993, Mack was a Professor of Architecture at the UC Berkeley. Mack’s central interest is in housing as an architectural discipline: he has completed highly published projects in Fukuoka, Japan and Judenburg, Austria. Current projects range from housing, museum and institutional buildings in the United States, hospitality and mixed use complexes in the Middle East to housing projects in Austria and Korea. Most Recently, Mack Architect(s) was awarded the Korea National Housing competition to develop a new model of low-density residential and sustainable community living near Seoul, Korea.

Thom Mayne
F.A.I.A., Distinguished Professor; M.Arch. (Harvard University); B.Arch. (University of Southern California)

Mayne is one of the world’s leading architects. His distinguished honors include the AIA Gold Medal (2013), Pritzker Prize (2005), the Centennial Medal from the American Academy in Rome (2009), the McDowell Medal (2008), the National Design Award from the Cooper Hewitt (2006), the Rome Prize (1987), and the Alumni of the Year award from USC. He was elected to membership in the American Academy of Arts and Letters in 2010, appointed to the President’s Committee on the Arts and Humanities in 2009, and honored with the American Institute of Architects /Los Angeles Gold Medal in 2000.

Mayne founded Morphosis as a collective architectural practice engaged in cross-disciplinary research and design. As Design Director and thought leader of Morphosis, Mayne provides overall vision and project leadership to the firm. With permanent offices in Los Angeles and New York City, the firm currently employs over 60 architects and designers. With Morphosis, Thom Mayne has been the recipient of 26 Progressive Architecture Awards, over 100
American Institute of Architecture Awards and numerous other design recognitions. The firm has been the subject of various group and solo exhibitions throughout the world, including a large solo exhibition at the Centre Pompidou in Paris in 2006. Morphosis buildings and projects have been published extensively; the firm has been the subject of 33 monographs.

Throughout his career, Mayne has remained active in the academic world. In 1972, Mayne helped to found the Southern California Institute of Architecture. Since then, he has held teaching positions at Columbia, Yale, the Harvard Graduate School of Design, the Berlage Institute in the Netherlands, the Bartlett School of Architecture in London, among others. Mayne’s contributions to architectural education include the highly regarded L.A. Now and Madrid Now initiatives. Under Mayne’s direction, UCLA students won the 2005 PA Award for L.A. Now: Volume 3.4. In addition to teaching and practice, he is also Executive Director of the Now Institute at UCLA, a research and design initiative focusing on applying strategic urban thinking to real world issues.

Marta Anna Nowak
Lecturer; M.Arch. (Harvard University); B.A. (St. Catherine University)
Nowak is a founding principal of AN.ONYMOUS and focuses on the intermediate scale between architecture and the human body, looking specifically at interactive environments, micro-living, and prosthetic technology. Prior to establishing her own practice, Nowak worked as an editorial assistant at Harvard Design Magazine, and an architect at Safdie Architects, Toshiko Mori Architects, and Skidmore, Owings, & Merrill. She has also been a design consultant at numerous innovation and technology companies, including Hyperloop Transportation Technology, and NASA Jet Propulsion Laboratory. Her work has been exhibited in international venues including MOMA PS1. She has been a recipient of numerous awards and grants including Harvard University International Community Service Fellowship to work at the United Nations Human Settlement Program in Nairobi, Kenya.

Michael Osman
Associate Professor; Ph.D. in History, Theory and Criticism of Architecture (MIT); M.Arch I (Yale University); A.B. (University of Chicago)
Osman’s research in architectural history focuses on the modern period with a particular emphasis on the buildings and cities of the United States. He seeks connections between the infrastructure that undergirds the process of modernization and the historiography of modernist architecture. Some topics of his writing include: the early formation of ecological science and its influence on theories of city growth, the study of the managerial instruments used for organizing and representing spaces for industrial production, and the architectural profession’s relation to modern construction processes. In this expanded view of modernism’s history, he identifies the contributions made by architects and urban thinkers to changes in the modes of life over the last two centuries. Osman’s forthcoming book, Regulation, Architecture, Modernism (University of Minnesota Press), focuses on the history of environmental and economic systems of regulation in the United States. A number of his essays address critical problems in modernism’s historiography.
These include an examination of Reyner Banham’s use of the term “ecology” and an analysis of the metaphysical aspirations latent in some twentieth-century writings on concrete. In 2005, Osman was a founding member of Aggregate: The Architectural History Collaborative, a platform for exploring new methods in architectural history. His work has been supported by fellowships from the University of California Humanities Research Institute, the National Science Foundation and the Fulbright US Student Program.

Güvenc Özel
Lecturer; M.Arch. (Yale University)

Ozel leads one SUPRASTUDIO, where he also holds the IDEAS Program Advisor position. His yearlong SUPRASTUDIO with Autodesk has explored the potential impact of computation, virtual reality and digital fabrication on the built environment. His firm, Ozel Office is an interdisciplinary design practice that creates spaces, objects and experiences at the intersection of architecture, technology and media. Current work ranges from large public institutional buildings to private residences and experimental installations. Ozel’s projects have been exhibited in major museums and galleries in the United States and Europe, notably the Istanbul Museum of Modern Art and the Saatchi Gallery in London. He formerly taught at Yale University and University of Applied Arts in Vienna. His recent work has been widely published in online and print media such as CNN, BBC, Los Angeles Times, Huffington Post, Wired, among others. Ozel is currently leading a collaboration with UCLA Engineering department to create robotically controlled construction techniques and novel 3D-printing technologies with high performance materials in the scale of habitable objects. As a part of this collaboration, his team was shortlisted and awarded at NASA’s 3D-Printed Habitats Challenge, which called for interdisciplinary teams to design a dwelling for the first mission to Mars.

Martin Paull
Lecturer; B.S., Electrical Engineering (Columbia University); B.Arch. (SCI-Arc)

Martin Paull is principal of Martin Paull Design and teaches at SCI-Arc. He has designed exhibitions for the Los Angeles Holocaust Museum, California Institute of Technology, and the Los Angeles Children’s Museum.

Jason Payne
Associate Professor; MSAAD (Columbia University); B.Arch. (SCI-Arc)

Payne is principal of Hirsuta. Committed to the synthesis of scholarship and practice, Payne ranks among the most influential designers and educators in his generation (X.) A member of the inaugural class of Columbia University’s “Paperless Studio,” Payne’s work reflects the paradigmatic shift from traditional to digital methods and sensibilities in architectural design. His research and practice engages two problems central to discourse and scholarship in the field: 1) theorizing architectural form as it is impacted by developments in computation, and 2) advancing architecture’s capacity to absorb principles from other fields. Reflected in projects, writing, and teaching, these lines of inquiry have played a measurable role in moving discourse on computational design from early technophilic origins toward a larger cultural appeal. Projects such as Purple Haze (2006 MOMA/PS1 finalist) and NGTV™ Bar (2006 AIA Design Honor Award) exemplify this impulse, as do such texts as “Hair and Makeup” (Log 17) “The Agony and the Ecstasy” (with Sanford Kwinter, From Control to Design) and “Subpop” (ACSA Proceedings). Recent projects Raspberry Fields, Rawhide, and Planetesimal Series I and II and the texts “The Ambivalent Object” (Project 2) and “Projekti Bunkerizimit” (Log 31) reinforce Payne’s position at the leading edge of contemporary architectural thought.

Ben Refuerzo
Professor; M.Arch. and A.B. (UC Berkeley)

Refuerzo is principal architectural designer in the firm R-2ARCH and has taught at the University of Texas. He has received numerous awards including an Honor Award from the Society of Architects,
three national Progressive Architecture awards, an Architectural Design Association of Collegiate Schools of Architecture award, and two American Institute of Architects awards. His research activity focuses on social, cultural, and behavioral factors as design considerations with applied research focusing on the study of design user needs of oppressed or underrepresented populations.

Heather Roberge
Associate Professor; M.Arch., BS.Arch.
(Ohio State University)
Roberge is the founder and principal of Murmur: Architecture and Environments and is currently Vice Chair at A.UD and directs the Undergraduate Program in Architectural Studies. Roberge’s research and professional work investigates the spatial, structural and atmospheric potential of digital technologies on the theory and practice of building. In graduate level courses in design and technology, her teaching emphasizes innovative approaches to materials, computation, and manufacturing as opportunities to expand the formal vocabulary and spatial implications of building envelopes and assemblies. In recognition of her distinctive work, she was selected for the prestigious 2016 Emerging Voices Program by the Architectural League of New York. In 2015 her installation for the SCI-Arc Gallery, “En Pointe”, was awarded an AIA Design Merit Award. In 2011 Murmur’s proposal for the Succulent House received an AIA Next LA Design Merit Award. The Vortex House was nominated for the 2014 Mies Crown Hall Americas Prize for Emerging Architecture. In 2006 her proposal, as co-principal of Gnuform, titled “Purple Haze” was a finalist in PS1/MOMA’s Young Architects Program and the NGTV bar received an AIA LA design award. Her work has been published in A+U, Praxis, Metropolis, I.D., Wallpaper, Architectural Record, Log, 306090, Form Magazine, The New York Times, and The Los Angeles Times.

Mohamed Sharif
Lecturer; Summer Programs Director;
M.S., Post Graduate Diploma, and B. Sc.
(The Robert Gordon University, Scotland)
Sharif is a founding partner of Bureau for Architecture and Design. His practice was given the Chicago Architecture Club’s 2011 Burnham Prize and several awards for built and unbuilt projects from the Los Angeles chapter of the American Institute of Architects and the Boston Society of Architects. His essays and reviews have been published in journals and periodicals including: 306090, arq, Constructs, JAE, and Log. He currently serves on the editorial board of arq and on the advisory board of the Los Angeles Forum for Architecture and Urban Design, where he served as President between 2007–2009. Sharif’s undergraduate dissertation “On Venturi and Scott Brown” was awarded an RIBA Butterworth-Heinemann Prize and was retained in its permanent collection in 1993. In addition to teaching in A.UD during the academic year, he also directs A.UD SUMMER.

Roger Sherman
Associate Adjunct Professor; M.Arch I (Harvard University); B.A. (University of Pennsylvania)
Sherman is Director of Roger Sherman Architecture and Urban Design, and coordinator of the 413 Core Studio at UCLA, dealing with the urban landscape. He is also Co-Director, with Professor Dana Cuff, of cityLAB, a think tank of contemporary urban design and research. Sherman’s work has been featured in Newsweek, and on CNN International, the History Channel and the BBC, and exhibited at the 2010 Venice Biennale, the 2009 Rotterdam Biennale, the Scottsdale Museum of Contemporary Art, and at the Victoria and Albert Museum, London. His work and writing has appeared in numerous other publications, most recently Formerly Urban (New City Books, 2013), The Infrastructural City (Actar, 2010) and The Infrastructural Monument (MIT Press, forthcoming). Sherman has received numerous design awards, including Architecture magazine’s Home of the Year in 1996, AIA awards, and a P/A Award in 2002. He is currently at work on: the re-purposing of a 1,500-car parking structure in downtown Los Angeles; a new 4,500-car parking
structure and recreation complex, Ronkonkoma Parks-and-Rides, in eastern Long Island; and HypoPark, a pilot project for a high-density urban open/recreation space. Sherman is the author and editor of several books, including *Re American Dream: Six Housing Prototypes for Los Angeles* (Princeton Architectural Press, 1995); *L.A. Under the Influence: The Hidden Logic of Urban Property* (University of Minnesota Press, 2011); and most recently, with Dana Cuff, *Fast Forward Urbanism: Rethinking Architecture’s Engagement with the City* (Princeton Architectural Press, 2011).

**Eui-Sung Yi**  
**Lecturer; M.Arch. (Harvard University); B.Arch. (Cornell University)**

Yi is currently Design Principal at Morphosis Architects and Director of A.UD’s The Now Institute. Yi has been involved with academia and scholarship for over fifteen years in Asia and the United States. His current position as Director with The Now Institute is a 10-year culmination of research initiatives and speculations with Thom Mayne on emerging urban issues confronting major metropolises and disaster-stricken cities.
The Department of Architecture and Urban Design (A.UD) at UCLA is widely recognized for its progressive approach to design and architectural discourse.

The Department has a rich history. In 1958, UCLA President Robert Sproul appointed a committee to consider the need for an architecture program at the university. In 1964, the Graduate School of Architecture and Urban Planning (GSAUP) was established, comprised of two departments: Urban Planning and Architecture and Urban Design. George Dudley was appointed the first dean and invited three founding faculty members—Denise Scott Brown, Henry Liu and Peter Kamnitzer—to join the school and outline the programs’ pedagogies. The school’s initial enrollment of 20 students when classes began in 1966, making 2016 the 50th anniversary.

In 1968, Harvey S. Perloff succeed Dudley as dean. Perloff had been a United States representative to a Committee of Nine established by the Alliance for Progress under President Kennedy. Considered “the dean of American urban planners,” Perloff wrote 17 books on the subject and in 1983, he was awarded the first distinguished service citation for planning education from the Association of Collegiate Schools of Planning. Perloff developed a vision to relate physical planning and urban planning in the design of cities. To implement these ideas, he formed the Urban Innovations Group (UIG). This practice arm of the department operated for 23 years as a clinical training wherein faculty and student interns worked together with clients on commissioned designs.
During the 1970s and 1980s architect Charles Moore was a professor and, at one time, chair of the Department of Architecture and Urban Design. A founding partner of the Los Angeles firm Moore, Ruble, Yudell Architects & Planners, he received the American Institute of Architects Gold Medal in 1991. Along with Perloff, Moore worked with students at the UIG on such notable projects as the Piazza d’Italia in New Orleans and the Beverly Hills Civic Center.

The M.Arch.I program was launched in 1970, led by Tim Vreeland, the first chair of Architecture and Urban Design. In 1974, Vreeland organized a conference called “The Whites and the Grays.” This event has come to symbolize the beginning of the post-modern movement in architecture. The Whites were five New York architects—Richard Meier, Peter Eisenman, Michael Graves, Charles Gwathmey and John Hejduk—who shared an interest in the work of Le Corbusier. The Grays—Charles Moore, Richard Weinstein and Jaquelin Robertson—with an interest in history, aligned themselves against the international style. The Silvers were formed by two other UCLA architecture faculty, Cesar Pelli and Craig Hodgetts, whose work focused on high technology.

William Mitchell, who became chair of the architecture program in 1980, worked to develop technological expertise within the school. Under his leadership, interest developed in a number of areas: optimization techniques, energy modeling, building descriptions, and spatial synthesis procedures. Lionel March then became the chair of architecture in 1986 and continued research into computer-aided design. That same year, Baruch Givoni established the Lab for Study of Passive Solar Energy Models. Students in the lab constructed a raised platform on the roof of Perloff Hall, on which to test solar panels. Computers in an adjoining room analyzed the effectiveness of various models.

In 1985, Richard Weinstein became dean of GSAUP. As director of Mayor John Lindsay’s Office of Lower Manhattan Planning and Development in New York City, Weinstein played a major role in the creation of incentive zoning, urban design guidelines and historic preservation. During his tenure as dean, he established several longstanding programs: the Lewis Center for Regional Policy Studies with a $5 million gift; the S. Charles Lee Chair; the Charles Moore Endowment for the Study of Place; and the Harvey S. Perloff Chair. Weinstein recruited Thom Mayne, Sylvia Lavin, Craig Hodgetts, Mark Mack, and Dana Cuff to the faculty. Edward Soja was on a committee tasked with running the Lewis Center, in 1992, and launched the Critical Studies in Architecture and Planning program as a way to bring theory and criticism into the core curriculum, becoming one the school’s distinctive specializations.

In 1994, the UCLA Professional Schools Restructuring Initiative resulted in the administrative separation of GSAUP’s programs. Urban Planning became a Department within the new School of Public Policy and Social Research (now the School of Public Affairs). The architecture and urban design program merged with the School of the Arts, which became the School of the Arts and Architecture (UCLA Arts).
Daniel Neuman was appointed dean in 1994 and named Sylvia Lavin as chair of A.UD in 1996. In her new capacity, Lavin viewed the restructuring as an opportunity to refocus the program on advanced design with special focus on technology and critical studies. Within this context, she created an award-winning department by attracting world-renowned faculty and initiating programs that changed the way students and faculty work on architecture through technology and cultural discourse. As part of this effort to integrate emerging digital technologies into the curriculum, Greg Lynn, a leading architect and thinker in using the computer for architectural design, and later Neil Denari, joined the faculty. Technologically sophisticated machinery were introduced including a computer controlled milling machine in 1998, an emphasis on fabrication that presaged many other programs’ use of this technology.

Promising younger faculty, including Jason Payne, Heather Roberge, and David Erdman, initiated research and inventive teaching programs in technology seminars, some of which integrated advanced digital technologies and multi-dimensional media with the building construction and design process. Lavin and the faculty also created a research studio requirement, which stretches over the final year of study and trains students to find and express their own voices within the context of a project bound by constraints—a model that parallels experience in the profession. Thought Matters I and II, a series of books and a DVD documenting A.UD students’ work from the 2004–05 and 2006–07 research studios, has been published and are sold in bookstores worldwide.

Thom Mayne’s research studio earned the Department the 2005 Progressive Architecture Award from Architecture magazine for L.A. Now: Volume 3 and 4, a massive research and urban design project that critically examines the future of Los Angeles. This is the first time a university has been awarded this honor. L.A. Now was also featured as an educational seminar and exhibition at the 2006 American Institute of Architecture National Convention in Los Angeles.

In 2003, A.UD students represented the United States in the First International Architecture Biennale in Rotterdam and in the Venice International Architecture Biennale in 2000. The latter was the first time the United States Pavilion was organized as a summer academy to exhibit student work and new methodologies in teaching.

The Department continues to augment its curriculum with new programs. The Charles Moore Traveling Studio has taken students—under the leadership of faculty members Jason Payne, Thom Mayne, Ben Refuerzo, Gerogina Huljich and Heather Roberge—to Mexico City, Istanbul, Kauai, Tokyo, Madrid, Great Britain and Germany. The program was inaugurated in 2004 to exemplify Moore’s commitment to teaching and the practice of architecture during his years at UCLA.

A.UD invites architects and critics from around the world to participate in the Department’s long-standing lecture series, creating a dialogue between the students, alumni and the Los Angeles community. Frank Gehry, Anne Lacaton, Kengo Kuma, Kazuyo Sejima, Beatriz Colomina, Wolf Prix and Wang Shu have been among recent
speakers. The Department’s exhibition program has featured work by Atelier Bow Wow, Bollinger+Grohmann, Jean Prouvé, Thom Mayne/Morphosis, MVRDV, Taira Nishizawa, Mutsuro Sasaki, Kivi Sotamaa, Jean-Philippe Vassal. Student works are exhibited in the quarterly Currents series.

Hitoshi Abe was appointed chair of the department in 2007. Abe reinvigorated the program’s emphasis on technological research and engaging students in professional collaborations with local industries. The SUPRASTUDIO M.Arch.II program was launched in 2008 as a post-professional research platform; its initial studio led by Neil Denari in collaboration with Toyota. That same year in June RUMBLE was established to engage students, faculty, professional architects, designers and the Los Angeles community with the production of an all-school exhibition. Critics and designers from around the world participate in RUMBLE to view the program installations and review the students’ year end projects. In 2013, IDEAS was launched with concurrent post-professional studios offered by Greg Lynn, Thom Mayne, and Frank Gehry, partnering student researchers with leaders in the transportation, entertainment, and cultural sectors. Neil Denari was appointed Interim Chair in July 2016.

It has been fifty years, since the first students attended classes at the A.UD, in this time architecture at UCLA has become a program in which experimental thought, theory, and innovative design reformulates the way in which design, theoretical discourse and technology interact to influence contemporary culture.
Thom Mayne at IDEAS with his students plotting a sustainable future for Los Angeles.
Course List

Undergraduate Courses

10A History of Architecture and Urban Design
Lecture, three hours. Introduction to the history of architecture and urban design covering prehistory to the age of Mannerism. Lectures consider architectural and urban projects in relation to their theoretical, philosophical, and sociopolitical contexts, including issues of gender and diversity. Periodic lectures consider the world at large, analyzing synchronic architectural and urban solutions.

10B History of Architecture and Urban Design
Lecture, three hours. Introduction to the history of architecture and urban environments covering the period from the Baroque Age to the present. Lectures consider architectural and urban projects in relation to their theoretical, philosophical, and sociopolitical contexts, including issues of gender and diversity.

30 Introduction to Architectural Studies
Lecture, three hours; discussion, one hour; outside study, 11 hours. Exploration of role of built environment in social, cultural, and political life: how buildings are constructed, what they mean, effects they have on world, and ways they imagine new futures and shape private and public life. Focus on series of contemporary case studies for what each reveals about new possibilities for shaping world in which we live, with emphasis on how architecture extends to cities, roads, books, and films. Consideration of historical context and cultural genealogy of particular buildings and environments, material and economic conditions of building, and more.

Upper Division Classes for Majors

121 Studio I
Studio, eight hours; outside study, 10 hours. Limited to Architectural Studies majors. Introduction to basic architectural design principles and problem solving: how to control point, line, surface, and volume to shape spaces for human use. Visual analysis as tool for discussing and understanding organization. Techniques of repetition, variation, order, scale, and rhythm. Use of case-study analysis
to uncover disciplinary issues within design problems, as well as to produce individual solutions to those problems.

122  Studio II
Studio, eight hours; outside study, 10 hours. Issues of inhabitation, domesticity, and program. Architectural precedents and principles of spatial organization. Relationship of architectural form to human body and role of architectural space in choreography of human activity. Understanding and application of knowledge of architectural tectonics, structure, and measurement.

123  Studio III
Studio, eight hours; outside study, 10 hours. Introduction to disciplinary issues, techniques, and organizations of landscape and how those can influence design of building and site. Development of material and temporal characteristics of architecture relative to role those play in landscape. Introduction to issues of accessibility and egress as systems of movement. Structure as serial component that relates to site, construction, topography, climatology, accessibility, and their mutual interaction.

131  Issues in Contemporary Design
Lecture, three hours; outside study, 12 hours. How global design culture today operates as part of set of spatial, economic, political, and social discourses. From development of cities to new formal languages in architecture, consequences of fact that great percentage of our lives is spent in controlled designed environments, including role that research and interdisciplinarity play today in influencing design ideas and processes, as well as how design is influenced by technology and new urban conditions.

132  Domestic Architecture: Critical History
Lecture, three hours; outside study, 12 hours. Investigation of relationship between culture and design through medium of domestic architecture, from communal living arrangements of antiquity to functional and automated ideals of modern movement. Exploration of how design of domestic interior has evolved to express and accommodate corresponding developments in lifestyle and taste.

133  Modernism and Metropolis
Lecture, three hours; outside study, 12 hours. Limited to Architectural Studies majors. Introduction to emergence of contemporary metropolis through series of comparative urban explorations that begin in Los Angeles and extend to engage range of cities, including key examples from Asia to South America. Modern project can be seen in myriad forms across globe, so that city and suburb, taken together, exist in complex commingling of aesthetic, political, spatial, economic, technological, and social issues.

141  Technology I: Projections
Laboratory, four hours; outside study, 11 hours. Limited to Architectural Studies majors. Introduction to techniques of spatial representation as they relate to architectural design. How to communicate using two- and three-dimensional drawing and modeling. Analog and digital techniques and opportunity afforded by moving between both. Analog techniques include orthographic and axonometric projection. Digital techniques focus on computer graphics fundamentals, including bit map and vector graphic imaging using Adobe suite and modeling using Rhinoceros.

142  Technology II: Building Materials and Methods
Laboratory, four hours; outside study, 11 hours. Limited to Architectural Studies majors. Introduction to construction systems and materials in relation to design, such as framed, bearing wall, or hybrid systems. Graphic conventions and organization of construction documents.

143  Technology III: Digital Technology
Laboratory, four hours; outside study, 11 hours. Limited to Architectural Studies majors. Overview of three-dimensional computer-aided visualization concepts, teaching applications of AutoCAD and Maya and their use relative to process of design and visual communication. Basic representation methods and tools and introduction to additional concepts required to dynamically interact with computer and to explore and understand communicative capacities of different methods of representation. Explanation of bitmap versus vector graphics, typography basics, and color output.
and integration for print and Web, and introduction to three-dimensional digital modeling and fabrication.

Graduate Courses

Design

M272 Real Estate Development and Finance
Introduction to real estate development process specifically geared to students in planning, urban design, and architecture. Financial decision model, market studies, designs, loan package, development plan, and feasibility study. Lectures and projects integrate development process with proposed design solutions, which are iteratively modified to meet economic feasibility tests.

291 Theory of Architectural Programming
Lecture, three hours. Exploration of concepts and methods of architectural programming and its interrelation to design process; planning of design process; various techniques for determination of program contents, basic conditions, resources, and constraints; identification of solution types for given situations.

401 Advanced Topics Studio
Studio, 12 hours. Prerequisite: intermediate level studios (412, 413, 414) or M.Arch.II standing. A number of different projects focusing on special topics in architectural design will be offered by members of the faculty from which the students may choose. May be repeated for credit.

403A–403C Research Studio
Lecture (F&W, IP), Studio, 12 hours (S). Prerequisite: satisfactory completion of courses 411, 412, 413, 414, and 415 for M.Arch.I, or M.Arch.II standing. Beginning with an in-depth research phase (403A, B) and resulting in an advanced studio project (403C), this research studio focuses on a number of different special topics in architecture and urban design.

411 Introductory Design Studio
Studio, 12 hours. Prerequisite: consent of instructor. This course introduces sketching, drawing, perspectives, CAD. Architectural completion is initially studied in terms of its separate elements. Each is studied by means of manipulative exercise, which allows for experimentation of its intrinsic possibilities. Students undertake a series of closely controlled exercises dealing with combining the elements, then designing small buildings.

412 Building Design Studio
Studio, 12 hours. Prerequisite: course 411 or consent of instructor. This course concentrates on basic skills and then leads to projects exploring the architectural program in relation to design process and, particularly, implications of program on architectural forms and concepts. In the second phase, structural elements are introduced to fulfill program requirements and to support and further develop intended forms and concepts.

413 Building Design with Landscape Studio
Studio, 12 hours. Prerequisite: course 412 or consent of instructor. This course introduces theoretical and technical issues such as site planning, urban design, landscape design, building typology, etc; building design and site planning in relation to water, landforms, and plants in natural light, heat, and ventilation.

414 Major Building Design Studio
Studio, 12 hours. Prerequisite: course 413 and/or consent of instructor. Introduce issues such as programming and program manipulation, site planning, urban design, and integration of technical systems and architectural expression. The emphasis is on treatment in breadth of large-scale projects, or in the exploration in depth and detail of smaller scale projects. Students will learn to integrate structure, environmental control, etc. and present their ideas in graphic or model form.

415 Comprehensive Studio
Studio, 12 hours. Prerequisite: course 414 and/or consent of instructor. This studio, the culmination of the core sequence (411–414),
focuses on the development phase of a project. Technical concerns such as lighting, material innovations, sustainability, construction documents, and building envelopes will be considered critical to the generation of architectural form, integrated in the design of a single building project.

M404  Joint Planning/Architecture Studio
Lecture, one hour; discussion, one hour; studio, four hours. Opportunity to work on joint planning/architecture project for a client. Outside speakers; field trips. Examples of past projects include Third Street Housing, Santa Monica; “New American House” for nontraditional households; guide to setting up shelters for homeless in Los Angeles County; working with resident leaders at Los Angeles City public housing development.

Critical Studies in Architectural Culture

M201  Theories of Architecture
Lecture, 90 minutes. Exploration of the conceptual and historical structures that shape current issues in architectural theory. Readings in primary texts serve as a framework for understanding the nature of speculative inquiry in an architectural context.

286  Roman Architecture and Urbanism
Lecture, three hours. Examination of architectural and urban developments during Roman period, from archaic age to late Empire. Built environments of ancient world investigated from various perspectives, with consideration to programming, symbolism, and viewing, as well as to technological, aesthetic, and political factors. S/U or letter grading.

288  Renaissance Architecture and Urbanism
Lecture, three hours. Examination of architectural developments from the 15th to 17th century. Primary focus on Italian peninsula, and extending to entire Mediterranean basin. Analysis of individual structures, cities, and landscape designs to reveal changing cultural and theoretical values, as well as specific aesthetic and iconographic content. S/U or letter grading.

289  Special Topics in Architecture and Urban Design
(2 to 4 units) Prerequisite: consent of instructor. Selected academic topics initiated by students, student teams, or faculty and directed by a faculty member. May be repeated for credit.

290  Special Topics in Critical Studies in Architectural Culture
Lecture, three hours; discussion, one hour; outside study, 11 hours. Designed for graduate students. Exploration of how architecture operates in relation to wider cultural, historical, and theoretical issues. May be repeated for a maximum of 30 units. Letter grading.

M293  Politics, Ideology, and Design
Seminar, three hours. An exploration of the cultural, political context of architecture and planning work. Theory and practice will be examined from a variety of perspectives applied to a set of varied physical environments and to a set of current spatialized concepts. The seminar will alternate between considerations of theoretical propositions that are shaping present urban and architectural debate and concrete case studies where politics and ideology shape the design process.

461  Architectural Practice
Seminar, three hours. Historical development of the profession; role of architect in contemporary society, current forms of practice and emerging trends, contractual relationships, ethical responsibility, office management, and promotion. Case studies of practical process.

Technology

220  Introduction to Computers
Laboratory, one and one-half hours. Introduces students to basic concepts, skills, theoretical aspects of Computer-Aided Architectural Design, microcomputer skills. Applications selected are commonly found in professional offices. The course will cover 2 and 3 dimensional representation, i.e., painting, drafting, multimedia, hypermedia, and modeling.
CM247A  Introduction to Sustainable Architecture and Community Planning (Formerly numbered 247A)
Lecture, three hours. Energy and alternative resource-conscious design integration into architectural and urban design: passive, active, and photovoltaic building materials at scale of buildings and communities. Concurrently scheduled with course C191.

431  Structures I
Lecture, three hours. Prerequisites: basic algebra, geometry, trigonometry, consent of instructor. Introduction to structural behavior and structural statics. Operations with forces and factors, both algebraically and graphically. Equilibrium of force systems, polygon of forces, and funicular polygon. Internal actions; axial force and bending moment. Reactions, stability, and statical determinacy. Determinate frames. Plane trusses; analysis and design.

432  Structures II

433  Structures III
Lecture, three hours. Prerequisites: course 432, consent of instructor. Introduction to statically indeterminate analysis. Structural materials and loads. Wind loads: distribution with height, design for comfort, structure behavior under lateral loads. Steel construction and concepts for high-rise structures. Structural case studies in timber and steel. Introduction to earthquakes; seismology, magnitude, intensity, history. Seismic instrumentation. Case studies of recent earthquakes and damage. Earthquake design concepts and seismic code requirements.

436  Introduction to Building Construction
Laboratory, two hours. An introduction to construction techniques. The physical principles and materials for making architecture will be studied through a series of exercises and field trips.

437  Building Construction
Laboratory, four hours. Principles of structure, and enclosure focusing on production and materials research. Building elements are explored for formal and functional properties; design development of project in previous studio may be developed in detail with the integration of a range of technical systems.

441  Environmental Control Systems
Prerequisite: consent of instructor. Design of mechanical systems necessary for functioning of large buildings: air handling, fire and life safety, plumbing, vertical and horizontal circulation, communication and electrical power distribution, analysis of interaction of these systems and their integrated effects on architectural form of a building.

442  Building Climatology
Prerequisite: basic physics. Design of buildings which specifically respond to local climate; utilization of natural energies, human thermal comfort; sun motion and sun control devices; use of plant materials and landform to modifying microclimate.

General Courses

375  Teaching Apprentice Practicum
Prerequisite: apprentice personnel employment as a teaching assistant, associate, or fellow. Teaching apprenticeship under active guidance and supervision of a regular faculty member responsible for curriculum and instruction at the University. May be repeated for credit. S/U grading.

496  Special Projects In Architecture
Prerequisite: consent of instructor. Projects initiated either by individual students or student teams and directed by a faculty member. May be repeated for credit.
497  Special Projects In Urban Design
Prerequisite: consent of instructor. Structural investigation of relationship between verbal description and architectural design. S/U grading.

498  Comprehensive Examination Seminar
Seminar, three hours; outside study, nine hours. Seminar intended to begin process of developing independent proposal with related research and documentation that moves toward production of final document or book for each project. S/U grading.

501  Cooperative Program
Prerequisite: consent of UCLA graduate adviser and graduate dean and host campus instructor, department chair, and graduate dean. Used to record enrollment of UCLA students in courses taken under cooperative arrangement with USC.

596  Directed Individual Research and study in Architecture and Urban Design
May be repeated for credit. S/U grading.

597  Preparation for Comprehensive Examination or Ph.D. Qualifying Examinations
Prerequisite: consent of instructor. May be repeated for credit. S/U grading.

598  Preparation In Architecture And Urban Design For Master's Thesis
Prerequisite: consent of instructor. May be repeated for credit. S/U grading.

599  Ph.D. Dissertation Research In Architecture
Prerequisite: doctoral standing. May be repeated for credit. S/U grading.
UCLA School of the Arts and Architecture

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