

SCHOOL OF ARCHITECTURE · CUHK · 2023 - 2024



This cover color is adopted from the third Sustainable Development Goals, "Good Health and Well-being", formulated by the United Nations General Assembly.

This publication is printed on 100% recycled paper.



Message from the Director

Education at architecture schools should reflect the socio-economic and spatial conditions of the places where they are located. For our School in the northern New Territories of Hong Kong, this means an engagement with an increasingly hot sub-tropical climate and its impact on high-density living. Furthermore, with the current planning of the "Northern Metropolis" near our campus, there are opportunities to develop new architectural and urban models which can relate better to the existing natural environment and cultural heritage. Such models could also be relevant for our wider spatial context within China's Greater Bay Area.

Our location nearby these new developments also offers the opportunities to engage with profound technological changes in the construction industry, from new Modular Integrated Construction (MIC), used here to speed up housing production, to new applications of robotics and generative AI.

These new technologies are also changing the way we learn and teach at our school, as for instance, generative AI starts to penetrate the work in our classrooms, design studios and research labs. To respond to these changes, the school will offer space to explore the creative opportunities of these new tools while critically reflect on their ethical and societal implications – as the use of these tools could cut otherwise the anthropological and cultural roots of our discipline, undermine its core role to create places where humans feel at home and as part of their natural and cultural environment.

To understand the uniqueness of Hong Kong and find solutions for its challenges, it is equally important to experience other places and cultures. Therefore, the School expanded its international programmes with our partners in Africa, Asia, and Europe.

In the face of the ongoing ecological, socio-spatial, and technological transformations, our School aims to prepare our students to become agents of positive change.

Hendrik Tieben
Director and Professor
School of Architecture



Contents

Message from the Director	3
Programme Overview	6
Curriculum	8
Calendar	10
BSc (AS)	
Overview	12
Studio Experience	14
Studio Explore	16
Studio Analyse	18
Studio Build	20
Studio Community	22
Studio Develop	24
MArch	
Overview	26
MArch Design Studios	28
Required Courses	40
Elective Courses	41
MSc (Urban Design)	44
MPhil-PhD	48
Faculty	52
Events	54
Summer Activities	56
Student Exchange	60
Awards and Scholarships	62
Location	66

Programme Overview

Professional Programmes

BSSc (AS) Architectural Studies

The Bachelor of Social Science (Architectural Studies) – BSSc (AS) – is the first part of a two-degree sequence in professional architectural education. This sequence is designed to provide a basis for education in general and preparation for professional work as an architect in particular. Students are encouraged to enrich their core studies in architecture by exploring lateral relationships with other subjects and disciplines as well as through independent studies and experiences of other cultures. The core studies consist of design studios in addition to humanities, technology and professional courses.

MArch Architecture

The Master of Architecture programme – MArch – is the second part of a two-degree sequence in professional architectural education. It is a taught postgraduate programme for students who intend to become architects upon their graduation. The programme offers a series of research-based advanced studios and independent design explorations which both articulate an intellectual position and demonstrate the impact of that position in design. Applicants should have a pre-professional architecture degree (equivalent to HKIA or CAA accreditation), such as the BSSc (AS) from CUHK, and relevant work experience.

Joint Programme

BSSc (US) Urban Studies

The Bachelor of Social Science (Urban Studies) – BSSc (US) – is designed for students to explore the complexities and challenges of the rapidly evolving urban world, global urbanisation processes and various strands of urbanism. It is jointly organised by the Department of Geography and Resource Management and the School of Architecture, with input from various departments in the Faculties of Social Science and Arts. Besides the learning of theories of urban development, the rigorous application of skills and techniques for urban analysis, and the contextual understanding of sustainable practices, students are required to develop expertise in concentration areas such as urban planning and design, urban environment, urban policy and governance.

Postgraduate Programmes

MSc Urban Design

Over the past decades, Hong Kong and the Pearl River Delta have been a laboratory for urbanism. Rapid urban growth, mass migration and new policies have led to new urban forms, but environmental deterioration and social imbalance have also increased. Urban design can play an important role to create more liveable and sustainable cities if it is able to integrate knowledge about ecological, economic and social issues and is based on a clear set of values. The MSc programme in Urban Design is based on a fundamental understanding of environmental and urban economics as well as urban history. Combining design studios and focused course modules, it aims to integrate specific knowledge about urban processes, complex ecosystems and transport networks. The modules act as catalysts for the studio projects, and are organised as think tanks in which students discuss with experts from academia and practice. After an additional period of professional experience, graduates can apply for professional registration from the Hong Kong Institute of Urban Design (HKIUD).

MPhil and PhD

The MPhil and PhD are research postgraduate degrees. Students learn primarily by conducting independent original research, usually through participating in the work of the School's design studios or design research units in architectural heritage, community participation, computation and simulation, sustainable and environmental design, housing, etc. In some cases, students may also pursue their own topics if feasibility of the topic can be demonstrated upon application.

Curriculum

	Studio	Humanities	Technology	Design Computation	Professional Practice	Electives and Year I Faculty Package
BSSc(AS) 1	<i>arch 1001</i> Introduction to Architecture	<i>arch 1003</i> Visual Studies				Students elect two non-architecture courses from the Social Science Faculty Package (except advanced standing students who elect one).
BSSc(AS) 2	<i>arch 2111 / arch 2112</i> Introduction to Architectural Design I & II [Studio Experience / Studio Explore]	<i>arch 2322</i> Cultural Contexts I <i>arch 2323</i> Cultural Contexts II	<i>arch 2413</i> Building Technology I: Materials and Construction <i>arch 2422</i> Building Technology II: Materials and Construction	<i>arch 2222</i> Digital Media		
BSSc(AS) 3	<i>arch 3113 / arch 3114</i> Architectural Design Studios I & II [Studio Analyse / Studio Build]	<i>arch 3321</i> Architecture and Global Culture <i>arch 3721</i> Land and City	<i>arch 3424</i> Building Technology III: Environmental Technology			
BSSc(AS) 4	<i>arch 4115 / arch 4116</i> Architectural Design Studios III & IV [Studio Community / Studio Develop]		<i>arch 4425</i> Building Systems Integration		<i>arch 4426</i> Future Practice and Sustainable Response	<i>arch 4131</i> Topical Studies in Design Theory
total units	78	30	18	12	3	3

Year Out

MArch 1	<i>arch 5110</i> Advanced Architectural Design Studios I	<i>arch 5321</i> Architectural Theory and Criticism	<i>arch 5421</i> Advanced Building Systems I <i>arch 5422</i> Advanced Building Systems II			<i>arch 5131</i> Topical Studies in Design Theory <i>arch 5231</i> Topical Studies in Computational Design <i>arch 5331</i> Topical Studies in History, Theory and Criticism <i>arch 5431</i> Topical Studies in Building Technology <i>arch 5531</i> Topical Studies in Professional Practice and Management: Future Practice and Sustainable Response
MArch 2	<i>arch 6110</i> Advanced Architectural Design Studios II	<i>urbd 5703</i> Urban History and Theory (to substitute <i>arch 5721</i>)			<i>arch 6521</i> Professional Practice and Management	<i>arch 5731</i> Topical Studies in Urbanism
total units	52	28	6	6	3	9

Calendar

2023-24 Term 1

week	event	date
1	First teaching day	04.09 M
2		11.09 M
3		18.09 M
4	Day following Mid-Autumn Festival	25.09 M 30.09 Sa
5	Day following National Day	02.10 M
6		09.10 M
7		16.10 M
8	Chung Yeung Festival	23.10 M
9		30.10 M
10		06.11 M
11		13.11 M
12		20.11 M
13		27.11 M
14	Examination period begins	04.12 M 06.12 W

2023-24 Term 2

week	event	date
1	First teaching day	08.01 M
2		15.01 M
3		22.01 M
4		29.01 M
5	Lunar New Year holiday begins	05.02 M 09.02 F
6	Lunar New Year holiday ends	12.02 M 15.02 Th
7		19.02 M
8		26.02 M
9	Reading week begins Reading week ends	04.03 M 09.03 Sa
10		11.03 M
11		18.03 M
12	Easter holiday begins	25.03 M 29.03 F
13	Easter holiday ends Ching Ming Festival	01.04 M 04.04 Th
14		08.04 M
15		15.04 M
16	Examination period begins	22.04 M 24.04 W

BSSc (AS)

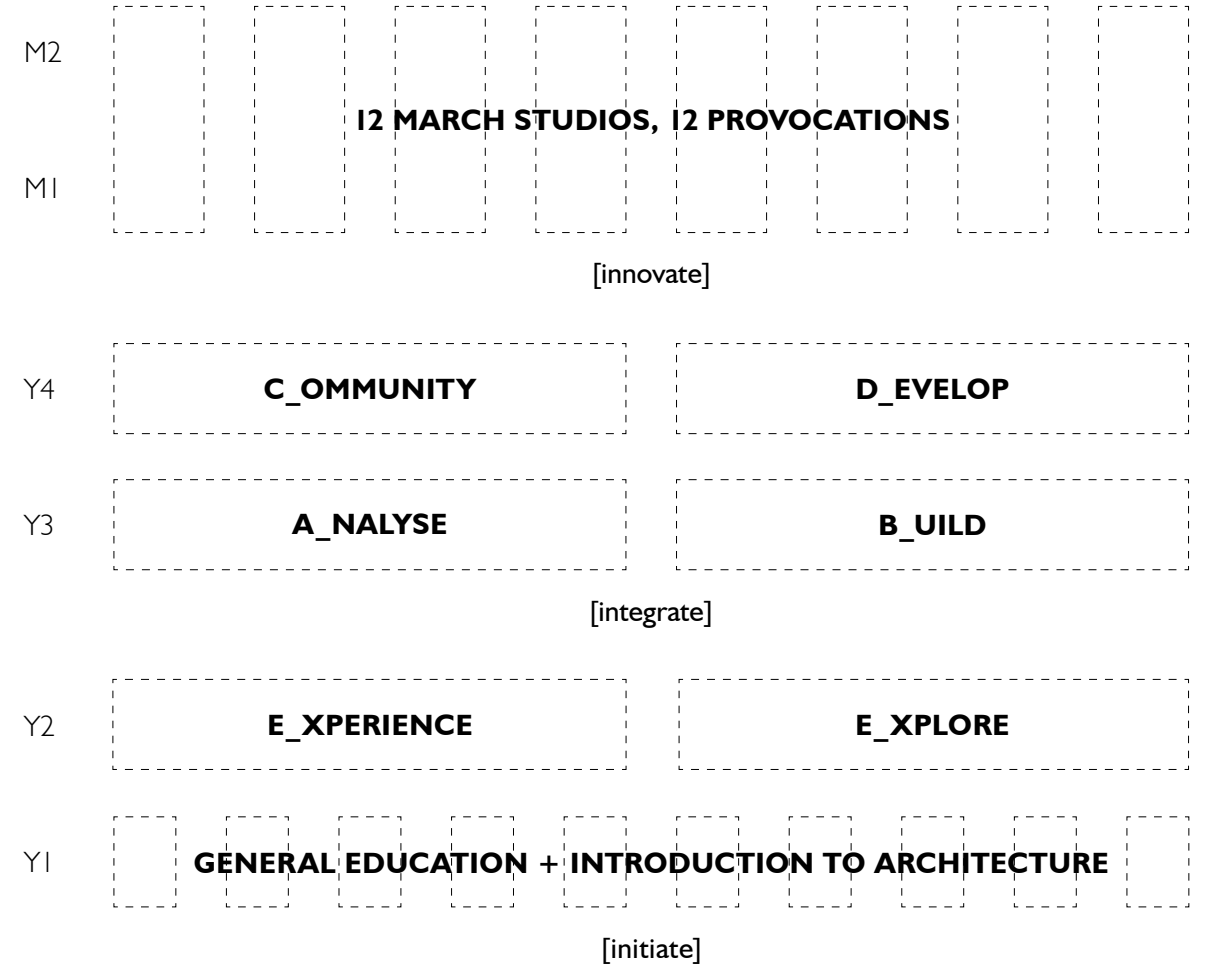
Programme Director
Zhu Jingxiang

The BSSc (AS) programme offers design education and preparation for professional practice as an architect. The core studies consist of design studios in addition to courses and electives offered in humanities, technology, representation and professional practice. Students accomplish their learning experiences through engaging a wide variety of processes, handling tools, working with materials; communicating ideas through drawing, making, modelling, speaking and writing; understanding the technical and social confrontations of architecture; engaging the society in an ethical manner; and most importantly, to think critically and make intelligent decisions afterwards.

Year 1 students explore the University's General Education programme and 'Introduction to Architecture'. Year 2 Studio *Experience & Explore* offers a series of knowhow and knowledge acquisition modules. In years 3 and 4, Studio *Analyse*, Studio *Build*, Studio *Community*, and Studio *Develop* investigate the relationship between analysis and synthesis by studying built complex; explore the poetics of material, tectonic, technic, and the craft of details; address the interdependence between people, architecture, city and the environment. The studios in 2023-24 highlight their design missions through a group of verbs, initiated from *Realise*, followed by *Remix*, *Relate*, *React*, *Revive*. The graduation studio under the theme *Recreate* integrates the skills and knowledge obtained in the semesters prior and culminates in a comprehensive architectural proposal with social concerns.

The required courses reflect an integrated pedagogic approach and cross-disciplinary practice. Some courses are organised through an analytical case-study, an approach seeking to broaden the students' vision through a focused examination on the pioneering works. Some others adopt a task-oriented exercise training, an approach seeking to cultivate the students' design application skills through intense knowhow and knowledge apprehension. A balanced path to both the architectural knowledge and the application knowhow bridges across the subject areas of humanities, technologies, and communications.

Studio Structure



Studio E

DESIGN STUDIO



final wooden house, sou fujimoto, 2006

experience | to realise

arch 2111

arch 2111 + arch 2112 investigate an experienced world on its formal and abstract elements, through the design exercises with a structured process. The aim is to expose students to an enchanting sequence of design, a precise kit of tools, and an association with the environment.

The first studio *Experience* has 2 phases, introducing exercises and knowledges for 2 key issues, *Material* and *Space*, with a purpose to realise a specific material-related construction and a spatial concept. Phase 1 *Materiality* discusses how construction can be restricted, regulated, supported or inspired by a simple material with infinite potential operations. Phase 2 *Space* introduces fundamental space types resulted from the basic formal elements.

Skills of making and representation are introduced in the context of the development of each student's capacity to observe, describe, sense, conceive spiritual spaces in an elegant physical form.

REQUIRED COURSES

Visual Studies

arch 1003 Kelly Chow / Jimmy Ho t1

This course introduces visual media, examining how its history and ideas can help develop our critical understanding of spatial design. The course offers an overview of the subject for those with little or no visual art + design background and is intended to provide a sense of visual literacy. The course is designed to develop skills of observation, interpretation and creativity, as well as giving a strong intellectual grounding in visual thinking, and the form, meaning and content of visual media.

Cultural Contexts I

arch 2322 Pedram Ghelichi t1

This course reimagines architectural history as a dynamic set of narratives that requires ongoing interrogation. It aims to challenge existing, fixed architectural histories and instead reconstruct them through the voices and perspectives of previously unheard individuals. Using historical imagination, students will write counternarrative screenplays, taking on the role of a contemporary character at a specific historical moment. Thus, they will gain a deeper understanding of the complexities of architectural history.

Building Technology I: Materials and Construction

arch 2413 Zhu Jingxiang t1

The course is designed for studies in materials and construction with an approach based on operation and observation exercises. The process emphasises integrating knowledge framework, observation and exploration related to architectural and construction practice. Students will learn to appreciate the essential knowledge of basic building materials, the ethics of using materials and the importance of tectonic and technical issues.

Zhu Jingxiang / Pedram Ghelichi / Wang Shuaizhong / Caroline Wuethrich



wan hoi wah

SSF PACKAGE

Design Thinking in Social Innovation

sosc 1001 Maggie Ma t1

Design thinking creates value through systematic innovation. It supports development of human-centric solutions and uses a design-based mindset to provide practical solutions to complex problems. This course introduces students to design thinking theories, methods and skills to apply in the context of social innovation. Students will learn key concepts and methods via collaborative, interactive and experiential activities, and further apply them to resolve real-life social issue.

ACTIVITY

Digital Learning

Modules provided by the Institute of Digital Design (IDDA) are available for self-instruction. This is an online e-learning platform for digital design tools. Modules for term I include: *Adobe CC (Photoshop + InDesign)*.

Studio E

DESIGN STUDIO

explore | to remix

arch 2112

arch 2111 + arch 2112 investigate an experienced world on its abstract elements and formal configuration, through the design exercises with a structured process. The aim is to expose students to an enchanting sequence of design, a precise kit of tools, and an association with the environment.

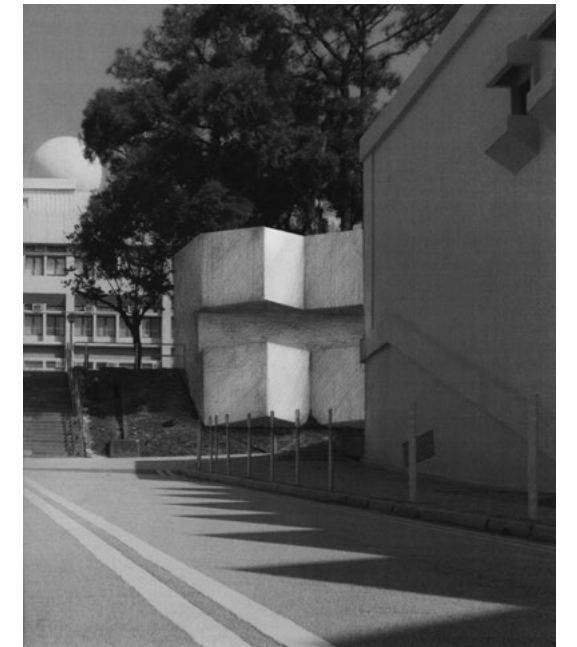
The second studio Explore introduces tools and methods for processing 2 key issues, *Program* and *Site*, and further explores an articulated design output. The studio has a 3-phase format. Phase 1 *Use* investigates a familiar program through surveying and analysing. Phase 2 *Site* focuses on the interaction between a new mass and its neighbourhood. Phase 3 *Mix* links the new situations with early output, exploring the articulation of a spatial concept with the program and site forces.

To act on issues with intention is to design. Individual assignments, group exercises, focused research provide students opportunities to translate issues and ideas within a new context that they encounter on campus.



m stand cafe, gu tian

Zhu Jingxiang / Raffaella Endrizzi / Pedram Ghelichi / Jimmy Ho



chiu lok yin

16

17

REQUIRED COURSES

Digital Media

arch 2222 Zachary Wong t2

This course introduces students to the principles of computational design, giving an overview of applications across different scales and stages. Focusing on the underlying logic rather than specific software, the course helps students to develop insights in the adoption and integration of different applications. Students will develop confidence in the generative design, representation and systematic approaches in digital medias.

Cultural Contexts II

arch 2323 Adam Jasper t2

This course emphasises the importance of understanding architectural history and theory with respect to culture and context. There is a specific focus on 20th century architects and buildings, a range of key architects' philosophies and approaches and the relationship between architecture and the arts. Students will study architectural works with respect to historical continuities and ruptures, as well as exploring the unity of forms and diversity of solutions.

Building Technology II: Materials and Construction

arch 2422 Xu Liang t2

The course investigates primary types of structural system in architecture by focusing on their physical performance characteristics as well as the design parameters. Students will use the method of graphic statics to derive the internal forces and reactions for a few types of determinate structures, and will develop an in-depth understanding of structural principles through appraising and investigating in case studies and design exercises.

SSF PACKAGE

Introduction to Architecture

arch 1001 Kelly Chow / Jimmy Ho / TBC t2

The course explores creative process, the realms of imagination and design practices in viewing, experiencing, reading, and ultimately producing FORM. Skills of representation and fabrication are introduced in the context of the development of each student's capacity to observe, interpret and translate design concepts into physical form.

Understanding Cities

arch 1002 Pedram Ghelichi t1

This course introduces basic ideas about what makes urbanity and how to understand it. Initiated from an architecture-urbanism perspective, it covers materials across disciplinary boundaries in order to investigate the inter-related social, spatial and economic issues. Through reading key texts, media and scenarios, this course aims to equip students with the basic tools and knowledge to participate in public discourse and urban life as active citizens.

GENERAL EDUCATION

Experiencing Architecture

arch 1320 Han Man t2

This course introduces architecture as a profession, a discipline, and most importantly, the built environment. It teaches a body of fundamental architectural knowledge and methods of understanding and appreciating architecture in order to increase students' awareness of the living environment. In addition to a series of lectures, guided tours are conducted, using local buildings and places as examples to further understand and practice the topics covered in the classroom.

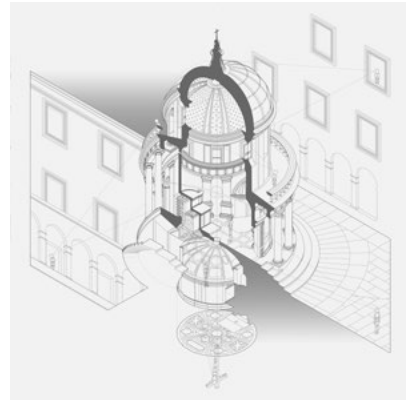
Studio A

DESIGN STUDIO

analyse | to relate

arch 3113

Kelly Chow / Raffaella Endrizzi / Han Man / Hiroyuki Shinohara



tempietto by branato bramante,
drawn by office nadaaa

What is Analysis?

"Analysis is a process through which we can develop some understanding of complex situations, objects or systems by disassembling them into simpler, fundamental components. Rather than merely separating, compiling, or describing individual components or subsets, analysis is an active, exploratory critique of what is observed. Essentially, analysis can be seen as a process of asking questions that expose [relationships between parts] – hidden patterns and synergies. Are there elements – types, categories, or taxonomies – within the system? Are there operations – patterns of use, activities, or processes – that characterise the system? Why are these elements or operations important? How do they contribute to or detract from the whole? In which way are these constituent parts working together to contribute to a larger narrative?" (Eric J. Jenkins, 2013.)

Studio A is about analysing relationships: what relationships do we see; why are they important; and how we can work with and develop new relationships, with new possibilities. Utilising the tools of design (drawing and modelling), the studio will take the opportunity to analyse – observe, examine, interrogate, deconstruct and ultimately re-construct a topical subject, as a basis for the design and development of an architectural form.

REQUIRED COURSE

Architecture and Global Culture

arch 3321 Adam Jasper tl

What are the cultural, social and intellectual histories, theories and technologies that influence the design of buildings and the form of our cities? The imaginary ground upon which architecture is built always already has a shape. Understood either as constraints or as stimuli, as precedent or as type, architecture is always haunted by its prehistory. This course takes on various approaches for understanding architecture's edge conditions and continually asks a fundamental question: is it ever possible for architecture to escape a canon?

ACTIVITY

Digital Learning

Modules provided by the Institute of Digital Design (IDDA) are available for self-instruction. This is an online e-learning platform for digital design tools. Modules for term 1 include: *Rhino* + *Grasshopper*, *Revit*.



wong yuk yiu

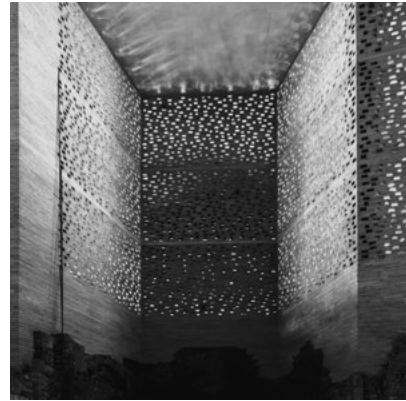
Studio B

DESIGN STUDIO

build | to react

arch 3114

Hiroyuki Shinohara / Sarah Lee / Edward Ng / Wang Shuaizhong



kolumba museum, peter zumthor,
photo by rasmus hjortshøj

Studio Build approaches architectural issues through the role of building technology in architectural design. The studio focuses on materials, techniques, and tectonics studies that expose and inform design opportunities and solutions. The central question to ask is what relationships can be established between space, structure, technology, and users, and how they can be intertwined and synthesised. The studio's emphasis is placed on experimentation through the act of making as a way of discovering architectural design.

The studio regards 'building' as an important impetus for shaping architecture and encourages the act of 'making' as design inquiry. Through the design project, students will learn to build by working with real materials and different tools for specific tasks of design and making. The studio activities will engage students in observing, questioning, experimenting, composing, constructing, and synthesizing multi-scale parts of the whole building. The observation and experimentation with materials and tools will allow students to reveal the inner working of material characteristics, ways of compositing materials and joining, assembling layers of a building, and understanding the connection to the contexts and the users that a building is produced.

The main project of the studio asks students to design a small public building under a specific climate type. The in-depth study should focus on; 1) building materials with the availability, environmental impacts, spatial effects, and craftsmanship, 2) structure and construction suite for the specific environment offered by the site and building program 3) an envelope design to suit the environment and to reconcile indoor and outdoor environmental demands for the users, and 4) key construction details that assure functional performances and establish aesthetics of the building.

REQUIRED COURSES

Land and City

arch 3721 Cecilia Chu t2

This course provides a comprehensive introduction to the concepts of urban planning and design and consider how they are intertwined with the larger social and historical forces. Throughout the semester, emphasis is placed on connecting theory and practice via close examination of international and local case studies. The objective is to equip students with a critical understanding of the complex dynamics that shape our built landscapes and to encourage reflection on the multifaceted challenges.

Building Technology III: Environmental Technology

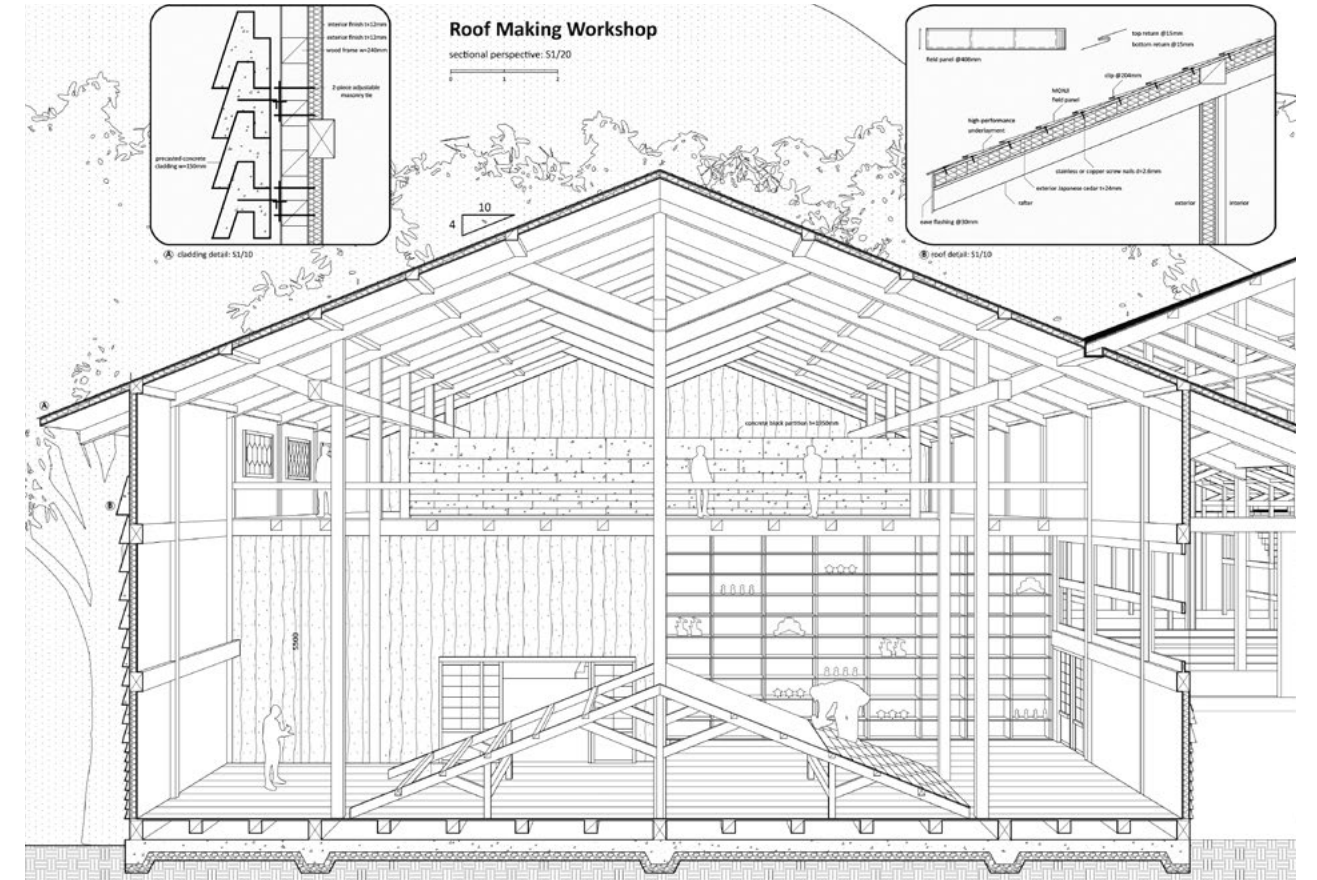
arch 3424 Edward Ng t2

This course introduces the fundamental concepts of passive environmental design, and examines the effect on buildings and their occupants of environmental conditions of light, temperature, air movement, and sound. Case studies are used to review both traditional and current approaches of representative building types in depth.

ACTIVITY

Digital Learning

Modules provided by the Institute of Digital Design (IDDA) are available for self-instruction. This is an online e-learning platform for digital design tools. Modules for term 2 include: Revit (plug-ins for lighting and wind simulation).



wong ying

Studio C

DESIGN STUDIO

community | to revive

arch 4115

Jimmy Ho / Cai Jiaxiu / Mo Kar Him / Rina Ko

22



ebury edge community center,
jan kattein architects,
photo by diane auckland - fotohaus

This studio investigates how architectural research and design can contribute to reinforcing and/or regenerating decaying communities, facilitating communitisation and achieving conviviality. Communities are plural in nature – the unities with shared qualities, characters, similarities and identities which subsequently associate with the multiplicity of architectural programming. To communitise, alternative, place-based architectural processes should be adopted to unveil the values of social capital – the intrinsic strength in the social network within a community which can guide the common interest of stakeholders. Social architects in the 21st century should be capable of and responsible for revealing the continuous, autonomous and creative interrelations between community members and the physical space – designing for conviviality. Taking Yunlin of Taiwan as the site for architectural intervention, this studio aims to intensively investigate the spatiality of Community Commons as a new typology where communities can be established or reinforced by utilising the manpower, cultural content, natural resources, production and landscape as an integrative approach.

REQUIRED COURSE

Building Systems Integration

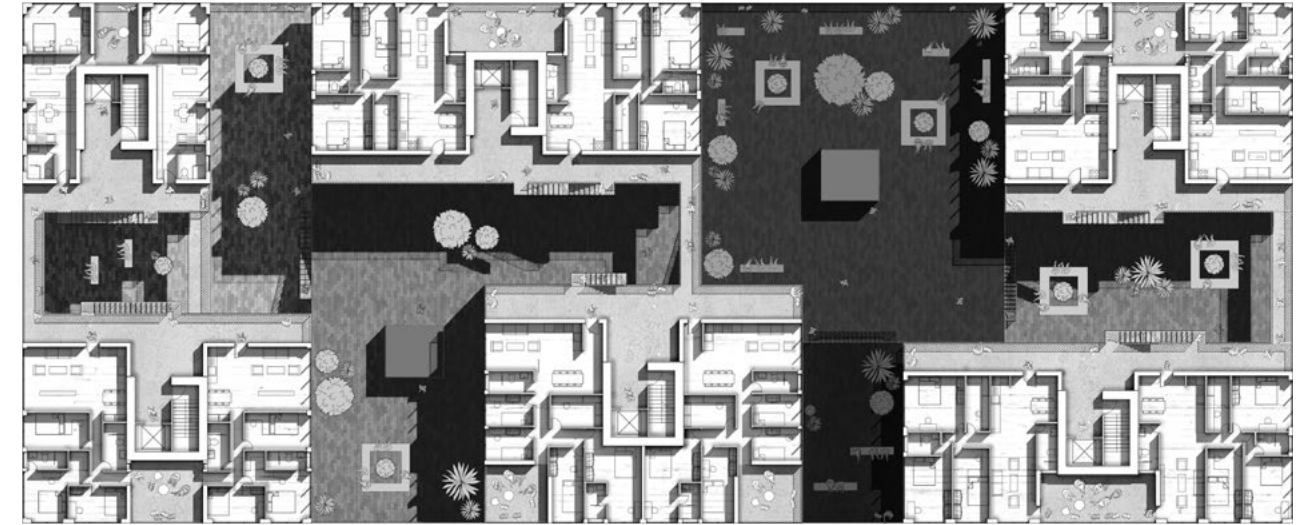
arch 4425 Nelson Tam tl

The course aims to empower students to practice the integration of the primary building systems in their design studios. Through the appreciation of finely integrated project examples and examination of failed works, students are encouraged to rethink the core value of integration within the practice of architectural design and appreciate the technical aspects that inform our design decisions and strengthen our scheme.

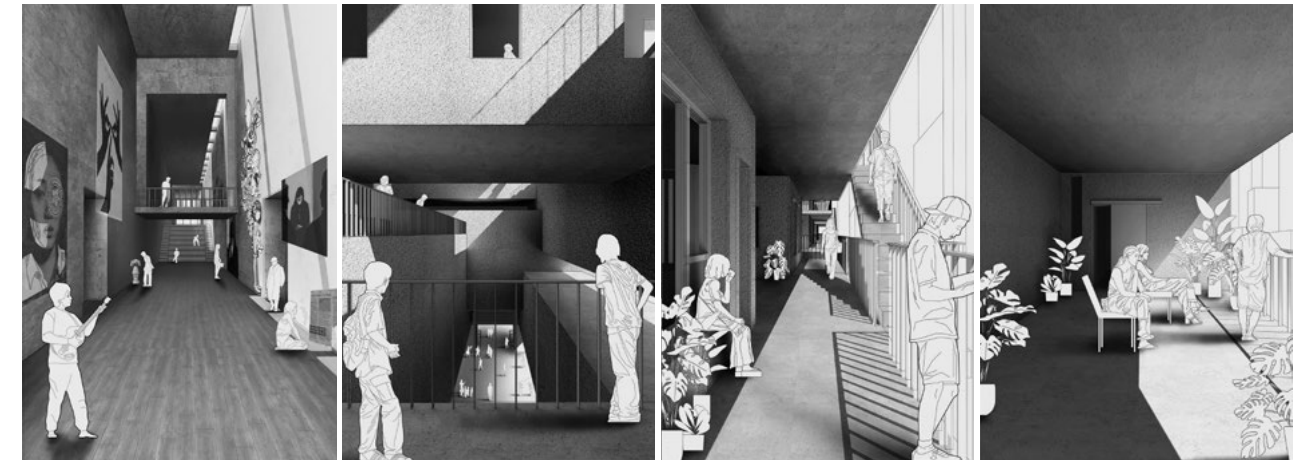
ACTIVITY

Digital Learning

Modules provided by the Institute of Digital Design (IDDA) are available for self-instruction. This is an online e-learning platform for digital design tools. Modules for term I include: *Rhino + Grasshopper*.



23



chen linyuan, chen yaxin, lee wing tung

Studio D

DESIGN STUDIO

develop | to recreate

arch 4116

Inge Goudsmit / Kelly Chow / Han Man / Ioana Alexandra Pricop

24



teatro oficina, lina bo bardi,
photo by pedro kok

To meet housing demands, new urban developments often predominantly focus on creating residential buildings while falling short of public functions. Yet, to generate vibrant public life and a collective urban identity, incorporating a variety of public programs is essential. Culturally meaningful buildings can be a mechanism to enhance quality of life and act as catalysts for improving their environment. Studio D investigates the public realm and (re)discovers social life through detailed observations and inspiring solutions that aim to revitalise public life in contemporary building and urban design.

This year, Studio D explores a 'social condenser', a (semi)public building that will be implemented within an existing context with the aim of injecting social program according to the society's needs. The designs will (partially) re-use and expand on existing structures, rather than envisioning entirely new buildings. Students will start conducting thorough site research, including analysing the urban context and its inhabitants studied through several types of data collection. Students are then asked to translate the outcomes of the research into a comprehensive architectural design proposal integrating the skills and knowledge obtained in the prior five semesters.

REQUIRED COURSES

Future Practice and Sustainable Response

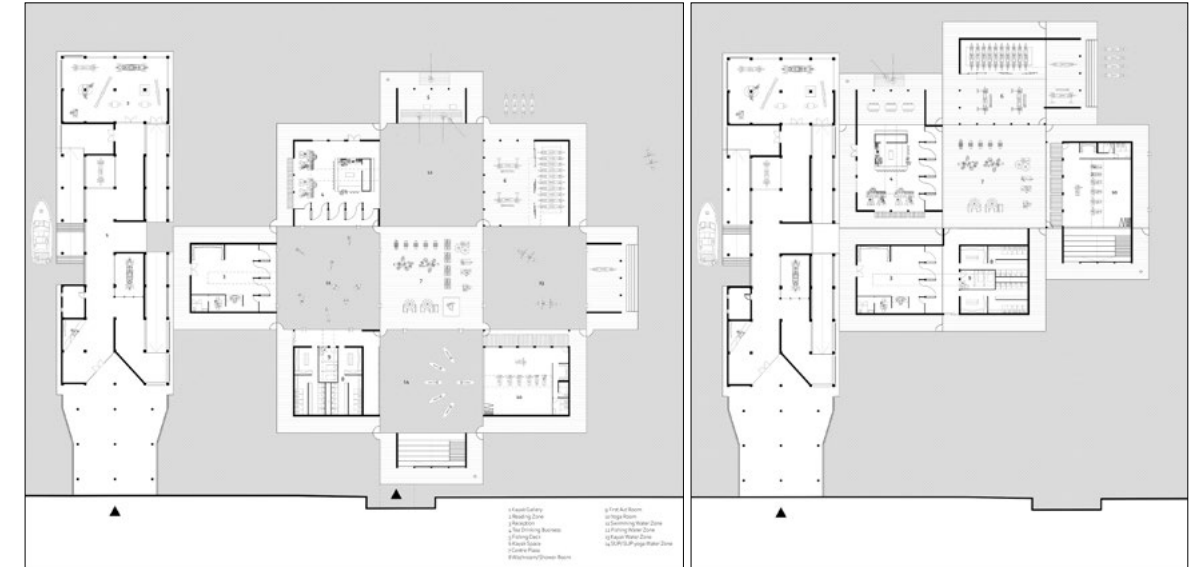
arch 4426 Maggie Ma t2

This course prepares students to practice architecture by providing an understanding on fundamental roles and values of an architect. It discusses basic practice principles, such as professional conduct and procedures. Through the study of both traditional and alternative possibilities in spatial agencies, the course inspires students to look beyond customary practices, and reflect on their own responsibility to the ever-changing environment in the future.

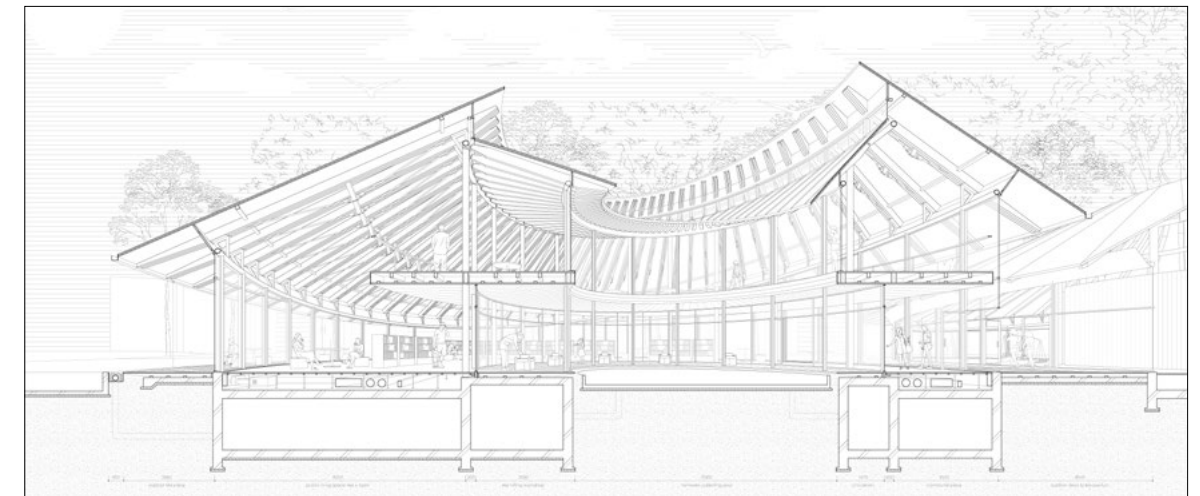
ACTIVITY

Digital Learning

Modules provided by the Institute of Digital Design (IDDA) are available for self-instruction. This is an online e-learning platform for digital design tools. Modules for term 2 include: *Rhino + Grasshopper*.



25



above: wu yu-tsen; below: chen jiajian

Programme Director

Adam Fingrut

The Master of Architecture at the CUHK is a two-year programme designed to provide students with an advanced educational experience focused on design innovation, specialised research, and critical thinking. The programme stresses the importance of architecture as a professional discipline, concerned with design in diverse conditions. The programme's aim is to engage with a broad range of critical issues, teaching methodologies, and design agendas that reflect the changing conditions of contemporary practice and emphasise the profound relationship of architecture to the broader problems of the environment and ecological sustainability. The School of Architecture is situated within the Faculty of Social Science and offers a unique opportunity for interaction and interdisciplinary design research.

Advanced Architectural Design Studio

The design studio is unique in developing essential qualities among students, such as the adoption of an action-based iterative approach toward problem solving, design thinking, experimentation, and craft. Each studio section is designed to mimic conditions and environments found in professional practice, and highlight knowledge development through peer learning, skills development, and professional competency. Studios are structured around two yearlong projects, a pre and a final thesis, organized into vertical studios.

Design Provocations

The design provocation is an approach toward advancing architectural research. It is an opportunity to initiate critical reflection among students, instructors, and reviewers, on issues surrounding design development. Each studio instructor assumes the role of provocateur and engages with students to develop original responses that can illuminate their position, complexity of design proposals, and highlight the forces driving their architecture. Students will instigate stimulus, using architectural media to inspire an original perspective, encourage others to consider the vision of architecture, urban, and social opportunities that frame their work.

12 Design Studios, 12 Provocations

The programme offers 12 Design Studios that provoke an original response toward the future of architecture. Each studio has its own agenda, ambition and is committed to a specific form of applied architectural research:

1. *ON CHARACTER* – Chan Chi Yan / Juan Minguez / Betty Ng
2. *ARCHITECTURE AS REGENERATIVE LANDSCAPES* – Thomas Chung
3. *AN ARCHITECTURE OF FLOWS* – Fergus Corner
4. *EAT-DESIGN-BUILD* – Adam Fingrut
5. *NEW GROUND: AIR SPACE IN OLD URBAN CONTEXT* – Simon Hsu / Sebastian Law
6. *STUDIO HOME* – Mark Kingsley / Maggie Ma
7. *FROM CONFLICT TO CULTURAL REVIVAL* – Lam Tat
8. *CITY OF DESIRES* – Francesco Rossini
9. *MEMORY AND SPACE | PROJECTING THE SELF* – Wataru Shinji / Elva Tang / Lily Zhang
10. *DISCOVERING THE “WORKBITAT” FOR TALENT IN KNOWLEDGE ECONOMY OF THE GBA* – Nelson Tam
11. *IN SEARCH OF ORGANISED COMPLEXITY* – Wang Zhenfei
12. *APPROACHING THE UNKNOWN* – Xu Liang

Structure

All Design Studios are subdivided into 4 parts, leading to a final project developed over two terms.

Part 1 – PROVOCATION

Students start by establishing a research process, understanding, and challenging the brief, contextualising the topic, articulating a position. They are introduced to multiple Design Research Methods: Understanding Context, Architectural Surveying, How to Assemble Material, Systematic Observations, Human Behaviour.

Part 2 – EXPLORATION

During this design experimentation phase, students formulate ideas by testing propositions. Emphasis is placed on the synthesis of research within a design framework. A broad range of teaching methods are adopted to reflect the agenda and context of the studio. At the end of this phase, all studios have an integrated trip.

Part 3 – PROTOTYPE

The phase where an idea is translated into a design proposal. Through a process of trial-and-error students demonstrate that their creative decisions are based on research, analysis, and precedent studies. This phase concludes in the development of a “Technical” dimension, setting out in detail the technical implications of the design strategy, which will be included in the final Project Book.

Part 4 – PROJECT

The final phase focuses on the development of a complex architectural project that addresses the ambition of the brief and ambition of the initial hypothesis. Students must articulate, via an architectural lexicon, a high-level design project that offers innovation, provokes experimentation, and articulates a clear architectural discourse.



MArch

DESIGN STUDIO

Chan Chi Yan / Juan Miguez / Betty Ng On Character

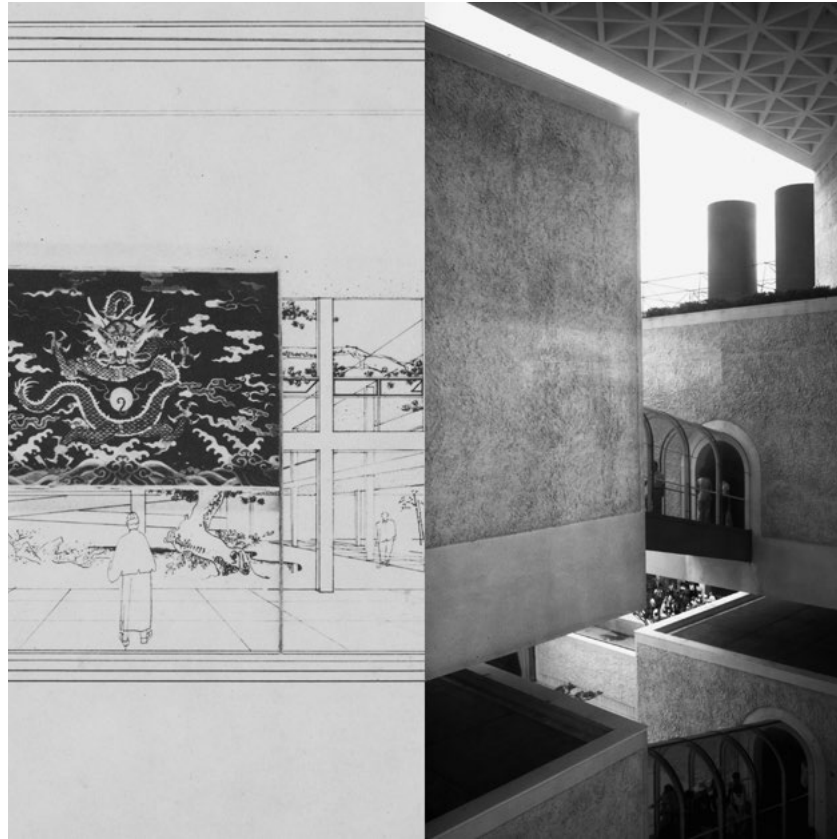
In semester 1, the studio will participate in the exhibition with an in-depth study on two of Pei's works: 1) Museum of Chinese Art for Shanghai, 1946 and 2) Taiwan Expo '70 Pavilion, 1969-1970, in the context of "Art and Civic Form" and "Reinterpreting Cultural and Historical Archetypes" respectively.

Together with two large scale models, all related interpretive documentation of the process of research, analysis and design through photographic, video documentation, text and drawing produced by students in collaboration with M+ team through Semester 1 will be exhibited in the exhibition at M+.

Our Design Studio in semester 2 continues the focus on designing for cultural production and display. With the prompt of Semester 1, through the historicised and contemporary lens reappraising Pei's work, we aim to bring relevance to the current generation of architects, and to investigate the design of an "Asian Art Museum".

Biography

Betty is the founder and design director at COLLECTIVE. Before setting up COLLECTIVE, Betty was Design Director at OMA Rotterdam, leading many winning proposals and projects. Chan Chi Yan leads the architecture projects at COLLECTIVE. Before that, Chi Yan was at Herzog & de Meuron, serving as project manager for the Tai Kwun Center for Heritage and Arts project. Juan leads the creative direction and architecture projects at COLLECTIVE. Before that, he worked at OMA, SO-IL and practiced in Madrid with Frechilla & López-Peláez Arquitectos.



collage - excerpt of sectional perspective of the museum of chinese art for shanghai, 1946 +
photo of connecting bridge of the taiwan expo '70 pavilion, 1969-1970
(image courtesy of m+ museum)

Thomas Chung Architecture as Regenerative Landscapes

In our age of global urbanisation and intensifying climate change, there is increasing attention worldwide on the reinvigoration of the "Countryside" for the sake of sustainable living. Our studio advocates the Regenerative approach that goes beyond sustainability's "do less harm" imperative to aspire towards a progressive "do more good" paradigm. It calls for co-evolving mutual benefits partnered relationships, between human-natural and architectural systems, adopting a proactive, all-encompassing development process that not only restores but contributes to regenerate the entire ecosystem.

We study Northern New Territories' eco-cultural landscape to 1) develop holistic understanding of context as life-in-place, 2) co-create regenerative strategies for selected village settlements and their hinterlands, 3) together with interdisciplinary collaboration, propose innovative scenarios with radical architectural interventions as catalysts to enact regenerative futures.

Biography

Thomas's research interest involves understanding how architecture contributes to the urban order and culture of the modern city. His research focuses on the interplay of architecture with urban representation and cultural imagination, and the metabolisms of urban vernacular in Hong Kong. Thomas is active in steering, curating and exhibiting at the Hong Kong & Shenzhen Bi-City Biennale of Urbanism / Architecture since 2008, as well as at the Venice Biennale in 2010 and 2014.



kuk po aerial, chau kwai cheong

MArch

DESIGN STUDIO

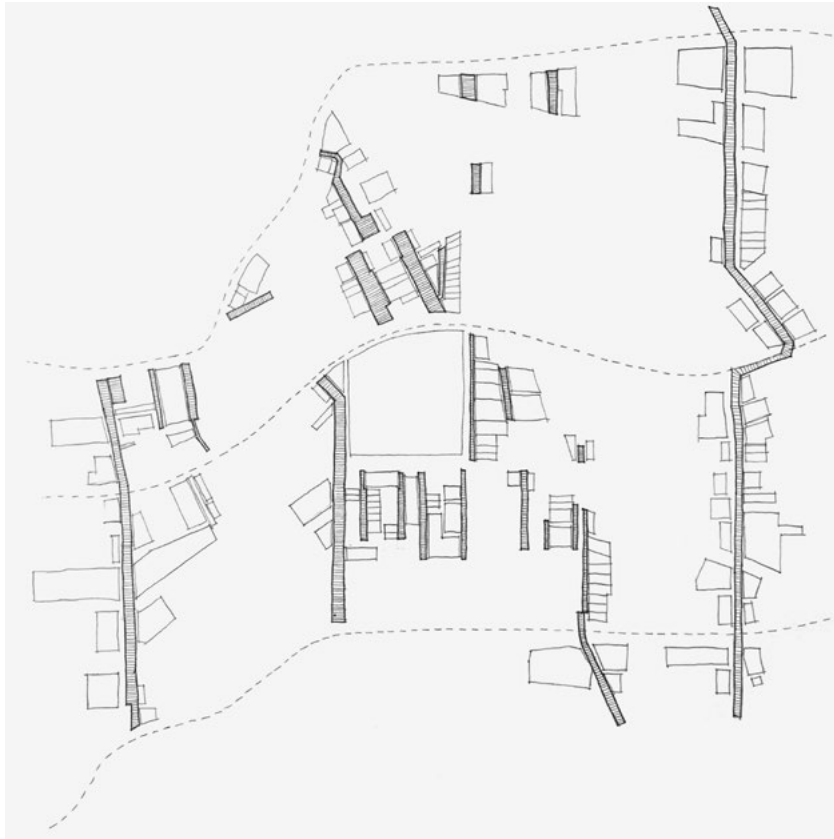
Fergus Comer

An Architecture of Flows

We use walking and drawing as both the means and the end to achieve an architecture of flows for a walkable, high density urban community. The means as in the search engine that puts us amongst the buildings and spaces, the events, the people and the fabric of this city, to acutely engage and observe the ways in which these ingredients succeed and fail as we become "both a part and apart" (de Certeau). Walking will also be the end; to achieve a solid, porous, stable, ephemeral walkable proposal combining the ordinary with the extraordinary. Drawing will be the means we will use to understand, map, design and develop the site and an event, an initial prototype, a small group project and then a larger architectural and urban proposal for an architecture of flows. Hybrid drawing styles will include multiple projections / perspectives / scales / narrative / time periods, with each drawing a stepping stone on this design journey and an end in itself.

Biography

Fergus is a registered architect from the UK. Since 2014 he has led his own practice in Hong Kong and combines this with teaching and research. As an architect he is interested in how a project can be made both useful and extraordinary by understanding the peculiarity of its physical and cultural context.



staircases in sheung wan, lui shing hei.

Adam Fingrut

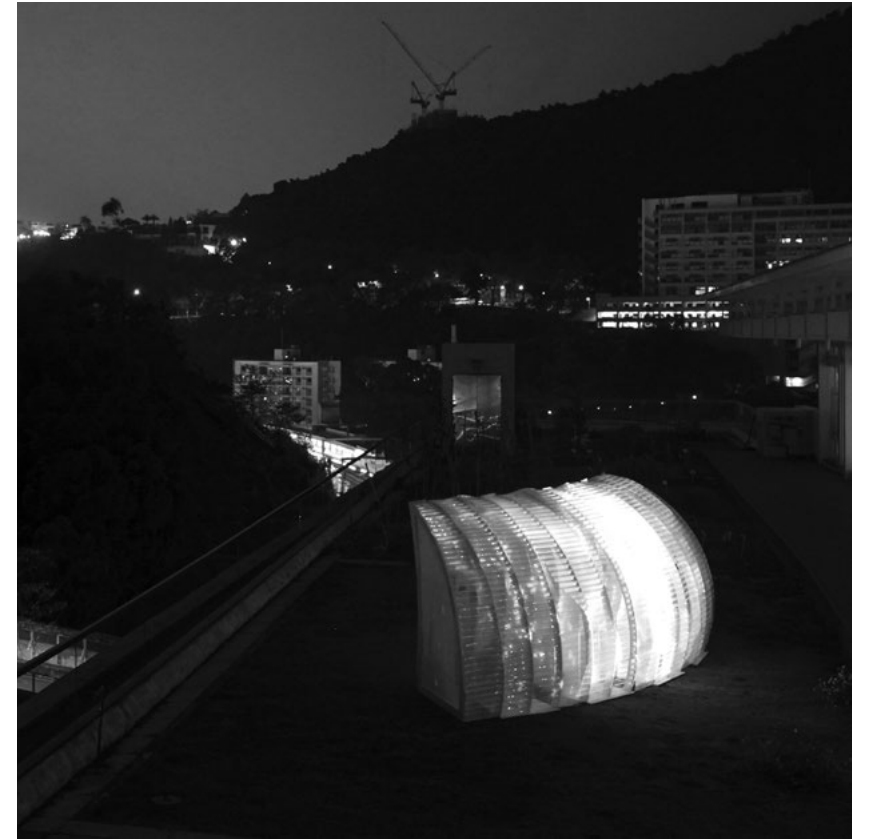
Eat-design-build

Globally, regionally, and locally, our current food consumption rates are unsustainable. How and what we eat is in dire need of change. This studio provokes students into considering the future of food and dining service, as a design problem that reminds us to "think globally and act locally", while drawing semiotic connections between food chemistry, and building materials. Students will advance their design ideas and research toward the development of an original architecture and position that considers the preparation, assembly and consumption of dishes and spaces.

This studio can be understood in two different ways. Firstly, it explores the role of technology as a conduit for architectural design and construction methods. Secondly, It is important for students to consider different F&B typologies in Hong Kong and beyond.

Biography

Adam's research focuses on understanding how new technology can innovate design, fabrication, and construction methods in architecture. He is also the co-director of the Centre of Robotic Construction and Architecture at CUHK, which explores the use of advanced design and robotics for innovative architecture. His teaching demonstrates how emerging technology is integral to design thinking by exposing students to a process of discovery learning.



MArch

DESIGN STUDIO

Simon Hsu / Sebastian Law
*New Ground:
Air Space in Old Urban Context*

The current conventions of urban regeneration are not necessarily hopeful. When planners are powerful and patient enough to amass considerable individual lots, an entire block or several blocks are torn down for a new project, destroying any sense of local spirit. Smaller developers who can secure a small lot of merely two adjacent Tong Lau produce a distinctly local typology of pencil towers. These towers, primarily residential, house a single unit per floor with minimal amenities and devoid of all communal aspirations and contributions to the neighborhood. Can there not be new ways to think of these developments which also preserve valuable architecture, urban morphology and culture as well as creating a renewed sense of community? We are not advocating for a nostalgic urban renewal, but question if all forward-thinking creative approaches have been exhausted?

Biography

Simon has in his years of professional experience worked on a wide range of projects. He has worked at Pei Cobb Freed & Partners, Aedas as well as Herzog & de Meuron. He also co-founded io Architects in 2006. Sebastian's extensive design and management knowledge base covers a wide spectrum of architectural experiences. These include master planning, large-scale infrastructure, commercial, institutional and "destination" public buildings and complexes.



photomontage of "shanghai street, mongkok" 2016 by stefan irvine

Mark Kingsley / Maggie Ma
Studio Home

It is a place of my childhood and memories. Lazy days in the garden, Lego or trainset in the front room, trips to Torcy, on my bike, Christmas holidays with cake and roast turkey, sitting around the fire, playing charades or Pictionary, with my siblings, with my parents. With the memories I am reminded of the brown sofa, the green floral sofa, watching films late at night, or sleeping on the sofa bed when cousins came to stay, of going to the sofa when I can't sleep and watching the headlights of cars outside run along the ceiling, of nightmares and going to find my sister when I am scared. Of mum peeling the paint off the fireplace, nitromors, of my dad bringing firewood in from outside and the cold wind as the front door opens. Cycling through the forests, lying on my back at the top of the hill watching the clouds. Stepping into the roof, so cold, and walking carefully between the rafters. A new year dinner at the Baladin, or café du centre, eating sweetbreads, not rice. Of Charles and his Galois, Yuki at his side.

What is the form of this?

Biography

Maggie and Mark cofounded Domat, a not-for-profit architectural agency since 2013. As practicing architects with different cultural backgrounds, they collaborate in critical and reflective design processes involving observation, critique and empathic engagement. Their design approach strives to balance complex desires for spatial equality and social sustainability.



the artist. ray's a laugh, richard billingham

MArch

DESIGN STUDIO

Lam Tat *From Conflict to Cultural Revival*

This design studio course on cultural and tourism Development in Mogadishu, Somalia explores the transformation of a conflict-affected city into a thriving cultural hub. With a focus on revitalising Mogadishu's rich heritage, students delve into the historical, colonial, and contemporary culture of the city. The course emphasises proposing innovative solutions to properly identify and showcase Mogadishu to the world, while considering its unique Islamic cultural context. By examining the most updated government plans for the city's redevelopment, particularly the colonial concession zones, students gain insights into rebuilding strategies and architectural regeneration. Additionally, the course integrates the development of tourism models, ensuring a holistic approach to cultural revitalisation. Ultimately, this course aims to empower students to contribute to the cultural and tourism renaissance of Mogadishu, fostering sustainable development and international recognition.

Biography

Lam Tat was trained as an urban designer and architectural researcher, and has practiced in urban design and regional development consultancy in the last 10 years. He is currently the director of Studio X Beijing of Columbia University. He is particularly interested in developing holistic social development solutions for governments and institutions.



Francesco Rossini *City of Desires*

In Metro Manila, almost 2.5 million people live in informal districts spreading across 526 communities in each of the city's municipalities (Ragragio, 2003). Despite these staggering numbers, this trend continues to grow.

By using the informal city as a living laboratory, the studio offers an opportunity to conceptualise design solutions aiming at improving the urban environment of low income urban areas. Focusing on the implementation of public facilities and open spaces, the students explore the development of an upgrading strategy that will take into account the needs of the local community. Informal settlements are governed by complex and dynamic processes, as remarked by Dovey (2013), they have "a double condition that is both formal and informal at the same time." According to Lutzoni (2016), urban informality challenges the formalisation of current design and planning practices. The understanding of the interaction between formal and informal spheres is crucial in generating knowledge that contributes to nurturing theoretical reflection.

Biography

Francesco is an architect and urban designer who previously worked in Italy, Spain and China. He has taught and participated in different research programmes and projects at universities. His work has given rise to a series of publications, journal articles, book chapters, conference presentations, installations, and international exhibitions. Recently, the project "What's the Potential of Im? A Temporary Placemaking Project in Hong Kong" won the Grand Award for Research 2019 from the Hong Kong Institute of Urban Design (HKIUD).

Now I shall tell of the city of Zenobia, which is wonderful in its fashion: though an old city, it stands on high pilings, and the houses are of bamboo and zinc, with many platforms and balconies placed on stilts at various heights, crossing one another, linked by ladders and hanging sidewalks, supported by cone-roofed belvederes, barches, awning covers, weather vanes, jutting pulleys and fish poles, and many other things.

No one remembers what order or command Zenobia's founders gave their city, but the form and the things are so telling, whether it was settled by a city or a village, which has perhaps grown through successive superimpositions from the first, now undistinguishable plan. But what is certain is that if you ask an inhabitant of Zenobia to describe his vision of a happy life, it is always a city like Zenobia that he imagines, with its pilings and its suspended stairways, Zenobia perhaps quite different, a flatter with banners and ribbons, but always derived by combining elements of that first model.

On the way, it is pointless trying to decide whether Zenobia is to be classified among happy cities or among the unhappy. It makes no sense to divide cities into these two species, but rather into another one, those that through the years and the changes continue to give their form to desires, and those in which desires either create the city or are denied by it.

MArch

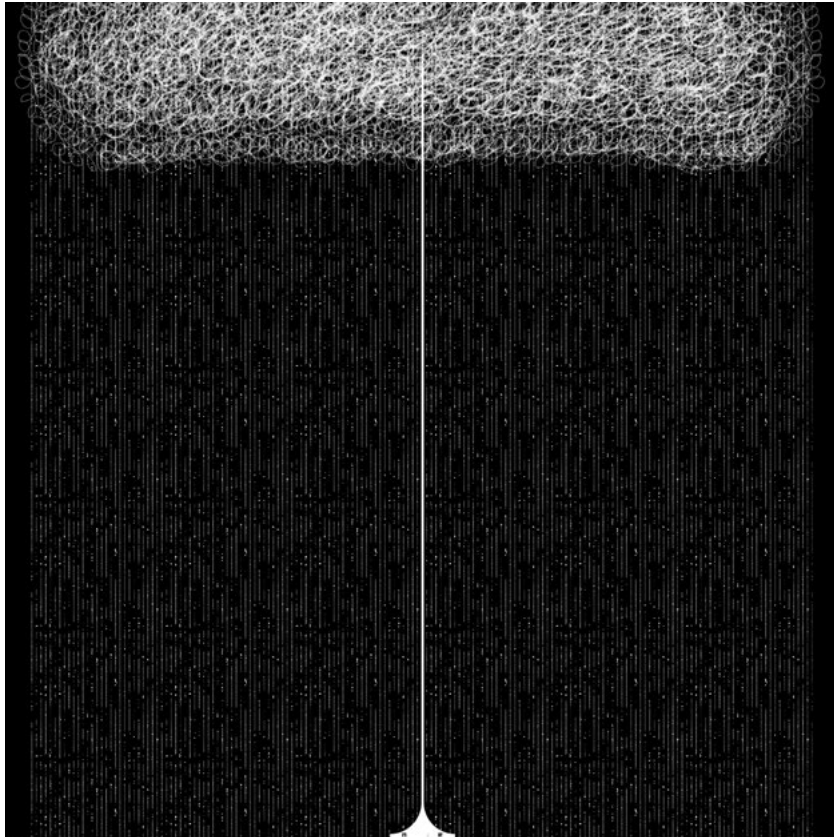
DESIGN STUDIO

Wataru Shinji / Elva Tang / Lily Zhang
Memory and Space | Projecting the Self

When designing architecture, we envisage space with an image in mind, and a sense of conviction. Where does this foundational, pure, clear vision originate? Searching for memories, exploring past. In places other than our homes (friend's home, hotel, etc.) a familiar sense emerges for some reason. We instinctively determine a space's value in relation to memories and experiences. I.e., in Japan homes, children's room size is often ~6-8 tatami (~8-12 m²). Residents spend childhood in this scale. Unconsciously, that size forms their absolute measure. Living around the world, I still feel comfortable in my childhood room scale, no matter where. A house among forests and mountains also embodies home. In spatial design, unless intentionally sourcing beyond one's experience, the designer's true self guides the final outcome. Yet our world is not based on same principles everywhere: different people, unique values. Understanding others' principles, the designer's values are projected onto distinct cultures of other places. Through time and practice, we discover design as an action for ourselves and also interaction with others. From these foundations arises that which is new, productive, and couldn't exist without this particular essence.

Biography

Wataru is a designer whose interests lie not only in architecture but also exploring space for other living beings on the planet. Lily's work and research focus on design through the interaction of the natural and the artificial. Their research interests include designing environment, with human and non-human living space, to create new possibilities in architecture. Elva is founding partner and director at Henning Larsen Hong Kong. Having worked internationally, her multi-cultural exposure has powered her ability in developing culturally specific architecture.



Nelson Tam

Discovering the "Workbitat" for Talent in Knowledge Economy of the GBA

The studio's focus on the emerging "Workbitat" for talent in the knowledge economy of the Greater Bay Area (GBA) is timely, given the region's extensive media coverage and the ongoing reshaping of urban geography through city fusions and resumed cross-border mobility after COVID.

The studio interest in spaces for creativity and innovation aligns with Joel Kotkin's observations in his book, *The New Geography*, on the digital revolution's impact on cities, where urban environments are carefully engineered to attract and sustain the right group of talent.

The studio collaboration with the Chinachem Group on a life-science industry project, the Advanced Therapy Products (ATP) Good Manufacturing Practice (GMP) Centre, will potentially be realised with reference to the studio's innovations.

Biography

Nelson's research interest relates to the integration of urbanisation and industrial development in China and GBA. His design expertise focuses on the workplace for innovations, like science & technology parks, tech-com headquarters, and exhibition & convention facilities. Having completed more than 20 million square meters of projects, he concluded a design methodology and repeatedly shared his views in media and industry journals.



MArch

DESIGN STUDIO

Wang Zhenfei

In Search of Organised Complexity: New Housing Complex in Hong Kong

Architecture is a complex system, life is another. Can we organise the complexity and make life better? The high-density housing complex in Hong Kong is a unique building type closely connected to people's daily lives. Despite the housing units, the complex also contains many programs such as a library, clubhouse, market, restaurant, etc. The complex user groups and social activities here make it an exciting topic to study. Designing new types of high-density housing complexes is a big challenge. The studio will focus on designing a new housing complex in Hong Kong and try to find new ways of intervention through cutting-edge design and research methods. Closely connected to the research of FUN, the rule-based design method will be used as the core of this studio. Students learn to use the toolboxes to create their design prototypes based on mathematics, geometry, algorithms, structural principles, etc. An integrated advanced architecture system will be the expected outcome.

Biography

Zhenfei graduated from the Berlage Institute in Rotterdam, and is the co-founder of HHDFUN in Beijing and the Digital Architecture Design Association (2013-). He is interested in incorporating elements from various fields to produce architectural designs distinguished from the conventional ones. His research also focuses on constructing complex structures within environments of low level of technology.



Xu Liang

Approaching the Unknown

We know so little. Unknown triggers curiosity for knowing more. Unknown opens opportunities for questions, inquiries, and solutions. This studio aims to bring attention to Sub-Saharan Africa, a region not well known to many of us, and ask HOW we can get to know better about this place, the people, their culture and society.

To create a successful project in Sub-Saharan Africa, which is less developed and industrialised, we must understand and work with its local conditions. The studio uses case studies as the primary tool to initiate and inspire research during the first term. Students collect contemporary built projects in Sub-Saharan Africa and analyse them from two perspectives: building technology (including materials, construction method and climate control) and programme. Students develop their own research interests, gain knowledge on sustainable design practices, and deepen their understanding of the cultural and social conditions of the region as well as the needs of local communities.

Biography

XU Liang, Leon has been conducting research on architectural education and design pedagogies since 2013. His PhD research examined the impact of narrative-based design pedagogy on China's contemporary architectural education. Currently, he is concentrating on the study of tectonics and visual culture in architecture. In addition to teaching and research, Leon is also an architecture photographer who has collaborated with various Hong Kong design studios, cultural and official institutions.



dineo seshee bopape, "mothabeng" (2022)

MArch

REQUIRED COURSES

Architectural Theory and Criticism *arch 5321 Adam Jasper t2*

This course explores ideas that lie behind the appearance of buildings by examining key theoretical and philosophical ideas. The online format of this course permits a diverse range of international experts to deliver twelve lectures, each addressing a specific theme. Architecture is discussed in dialogue with the visual arts, literature, philosophy, and politics of its time, to reveal illuminating contextual relationships that underpin our understanding of the relationships between architecture and other areas of creative and scholarly endeavour. The aim of the course is to build an intellectual foundation to design practice - students will learn how to "read" buildings differently, and how the design of buildings and places can connect to broader spatial and cultural practices.

Advanced Building Systems I *arch 5421 Brian Anderson / Inge Goudsmit t1*

To realise architectural designs, it is crucial to communicate them clearly: to contractors,

engineers, clients, building departments, quantity surveyors and other collaborators in the design process. A good documentation enables a smooth(er) design process, and better communication. The course focuses on the translation from a design proposal to a drawn documentation for construction, in the form of a comprehensive drawing set. Emphasis will be placed on the development of precise communicative methodologies in the resolution of architectural form and space, as well as compliance to building regulations. Case studies, analytical exercises and representational investigation will establish an understanding of concepts engaged in the translation from drawing to building.

Advanced Building Systems II *arch 5422 Fergus Comer t2*

This course presents contemporary and innovative strategies for the integration of building systems into architectural design and construction. The course format seeks to ground the learning outcomes in both the typical work stage pattern for an architect and refer

where helpful to both the ongoing studio project work of each student and useful precedents for existing building systems and practice. The course aim is to equip students with a working basis and literacy in building systems, the brief development upon which they are based, and an understanding of the role architects plays in coordinating with a team of consultants and specialists to deliver. The course will sequentially work through the building systems relating to the typical work stage and will be delivered and assessed via weekly lectures, assignments and Pecha Kucha type student presentations.

Professional Practice and Management *arch 6521 Hubert Un t1*

This course aims to provide final year architecture students with an understanding of the professional practice of architecture in Hong Kong. Students learn about the regulatory control mechanisms governing design development, building contracts, dispute resolution methods, and professional ethics and conduct. Code of Practices, Design Manuals and Practice Notes for Authorised Persons will

be discussed. The course prepares students to navigate the complex legal and professional landscape of architecture practice in Hong Kong. This course also features guest speakers who will provide further insights on specific topics.

Urban History and Theory *urbd 5703 Cecilia Chu t1*

This course explores the histories of urbanism and the competing forces that shape the design and planning of cities and their urban milieu. Students are introduced to seminal urban theories and recent discourses in architecture, planning, landscape, and urban design. Discussion throughout the course engages with questions of contemporary urbanization and consider how historical knowledge may impart a better understanding of the multifaceted challenges we face in the globalizing present.

ELECTIVE COURSES

Understanding Hong Kong Countryside: Socio-spatial and Environmental Profiles *arch 5131a Jimmy Ho t1*

Countryside revitalisation has been increasingly emphasized in academia in the discourses of architectural conservation. Architecture can operate as a place-making tool between the complementary urban and rural sides and the countryside becomes the site for a hybrid identification when one is situated in the ambiguous boundary between the urban and rural areas. This elective course investigates the existing frameworks of village conservation and revitalisation. Using government-funded projects as the interface, we participate in the field to investigate Hakka villages in the New Territories. Based on real-life interactions, a comprehensive village profile focused on socio-spatial and environmental aspects will be created for future uses.

A Gentle Touch *arch 5131b Xu Liang t1*

The elective aims to discuss the countryside revitalisation model that targets the regeneration of human-nature landscapes at Kuk Po. Given its remote location, how can we build a project there? What makes this area unique compared to other rural areas in Hong Kong? How can our design incorporate the history and culture of the place while addressing the contemporary needs of the local community? In this pilot study, we will explore whether furniture design can be used as an alternative way to activate outdoor spaces in the rural village. Students will be encouraged to study the potential intervention and test them through hand-on making experiments.

Plan Matters *arch 5131c Nelsn Tam t2*

Through a focused study of a curated collection of plans, this course aims to establish a comprehensive body of knowledge on the strategies employed for spatial organisation in architecture. Specifically, we will examine the



cheung nga kei

poon sum yuen

au yeung sun hei

law yui hin

lin zhuojun

kelly wong

MArch

42

graphic expression of spatial organisation, the relationship between spatial organisation and spatial quality in our chosen design cases, and the ways in which space-organising strategies interact with other architectural aspects, such as enclosure, structure, program, and material expression. By engaging in this rigorous analysis of spatial organisation in architecture, we target to deepen our understanding of the fundamental principles of spatial organisation in contemporary architecture.

Mapping the Urban-rural Landscape

arch 5131d Cai Jiaxiu t2

Morphological mapping is inevitable in the urban design process. This course adopts a combination of theoretical study (lectures and literature discussion) and design research (hands on workshops and design implication) to study the Northern Metropolis Development Area. It is about understanding the contemporary urban-rural landscape, the history and the logic of its transformation. The processes reveal themselves while designers combine, compare, manipulate and analyse the different systems,

basic structures and key spatial elements. The development potentials and spatial solutions of the future will be generated. As such, the course is structured around four guiding themes: open city, productive landscape, typo-morphology, and complex system.

Advanced Computational Design Methods

arch 5231a Adam Fingrut t1

This course exposes students to an iterative approach to design problem solving with computation and automation tools. The course provides: 1) hands-on experience with computational literacy; 2) gives students a fundamental understanding of data, information, and applied use; 3) gives students opportunities to work with automation technology, micro-controllers, motors, sensors, and collaborative robotics, IoT; and 4) ethical use of artificial intelligence and integration into practical design projects. Students will gain exposure to tools and applications based on interest, and will report on their explorations, declare the limits and opportunities of their research.

Hong Kong Architecture Through Case Studies

arch 5331a Han Man t1

This course focuses on studying the architectural experiments that have taken place in Hong Kong over the past century. Despite the city's intense building activities, many of these experiments have remained unexamined. The course aims to shed light on these experiments and answer the following questions: 1) What architectural legacies exist in these experiments? 2) What can be identified as the Hong Kong Model/Seeds? Through a series of lectures, it imparts an understanding of Hong Kong architecture and uses it as a basis to further investigate selected cases as the course assignment.

History of the Architecture School

arch 5331b Adam Jasper t1

The architectural studio is celebrated by researchers into education as a model of teaching that other disciplines might learn from: it is innovative, encourages collaborative work, and enables learning through failure. At the same

time, an international history of the architecture school has yet to be written. This class will fill in that missing history. Where does the architectural school come from? What kind of knowledge does it produce? Where is it going? This class combines elements of institutional history with local experiments in epistemics.

Craft and Architecture: Regenerating Hong Kong's Countryside

arch 5431a Hiroyuki Shinohara t1

Traditional craft knowledge is an invaluable component of our cultural heritage. This course explores the concept of tectonics, drawing inspiration from the traditional bamboo crafts of the region. The objective is to apply bamboo weaving and other local bamboo craft knowledge to create an architectural structure that contributes to the revitalisation of Ng To settlement in Kuk Po village, a rural area in northeast Hong Kong. The project aims to revive the bamboo craft by incorporating it into the design of a new place within the village.

Constructing Equilibrium

arch 5431b Wang Shuaizhong t1

This course teaches students the fundamental principles of structural equilibrium by studying commonplace objects and deriving insights from everyday bodily experiences. The pedagogical approach involves understanding the physical equilibrium and psychological equilibrium inherent in objects through various methods such as making, drawing, and analysing. The course promotes seeing items outside their usual context and assembling them unexpectedly to challenge their structural limits. Combining the built structural case examination, students will scale up and translate these equilibrium experiences into a real architectural project, using structure to define architectural expression directly.

Conceived, Perceived, Lived: Mapping Urban Politics

arch 5731a Inge Goudsmit t1

For this elective course, we will travel to Taipei in mid-December for an intense week of fieldwork and site visits. Prior to the trip we will meet a few

times to prepare the trip. The fieldwork centres around the recently opened Taipei Performing Arts Centre. The goal of the workshop is to explore how the neighbourhood has changed and continues to change under the influence of the building, and what this means to people.

Public Space as Productive Infrastructure in Africa

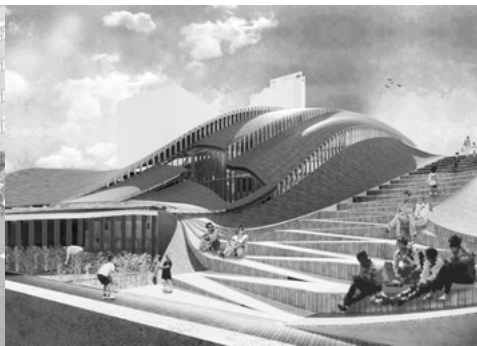
arch 5731b Li Yigang t1

This course explores public spaces as a productive infrastructure system in Africa that addresses spatial and supply injustice. Through analysing their operation mechanisms in mobilising collective actions, while fostering decentralised spatial structures and self-sustained financial eco-systems, the student learn how to employ the Layer Approach and Research by Design Method to comprehend public space from its social capital flows, participatory governance strategy, micro-financing model and spatial integration typology. Ultimately, this course will prepare students to deliver a reflective design demonstration based on the proposed design scenario, strategy, and principles.

43



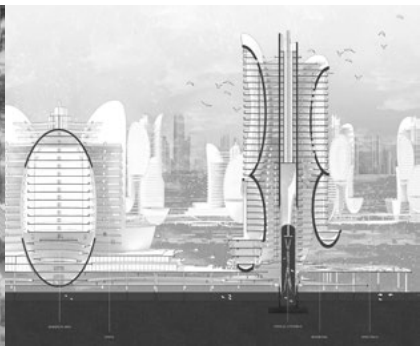
stephanie wong



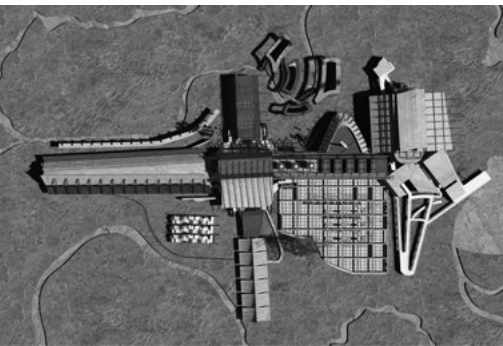
so tsz ching



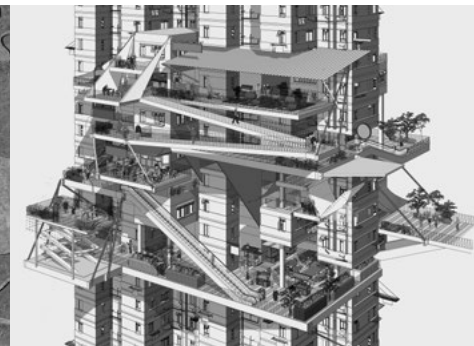
wong yik chun



yeung chun yin



au hok yin, chan wai chun



yu hoi ying



tong hui ching

Programme Director

Jeroen van Ameijde

In a time of unprecedented global challenges, the need for sustainable and healthy cities has become more obvious. As the world is becoming increasingly aware of the fragility of our ecosystems, human and planetary health, there is a renewed urgency to explore urban design solutions that incorporate principles of social and environmental sustainability, as well as the capacity to adapt to societal changes.

The MSUD programme aims to address these challenges through rigorous research and design projects, focusing on the economic, cultural and regulatory processes that shape cities and the human interactions and experiences that constitute urban life. The courses engage with theoretical and scientific literature, international and regional case studies, and new advanced methods for the analysis, simulation and visualisation of urban areas.

The 16-month programme features a connected studio approach, using research and design scenarios to explore strategies for Hong Kong's urban regeneration and development. This year, studio 1 will focus on Tai Po, engaging with the collaborative social processes, function mixing, activity and behavioural patterns that take place in the existing high-density urban fabric of Hong Kong. Studio 2 will expand this research towards re-visioning the development of the "Northern Metropolis", a series of "new" new towns in the region bordering Shenzhen. Using international case studies, field research and speculative urban design proposals, we will reflect on the challenges of planning new urban neighbourhoods for a healthy and sustainable future, while incorporating opportunities for community-led initiatives, entrepreneurialism and the improvement of social capital. Using data-driven studies to gather insights into the dynamics of everyday urban life, we adopt integrated approaches towards improving our current and future urban environments.

Study Scheme

Students are required to complete a minimum of 36 units of courses for graduation.

Required courses: 27 units

Elective courses: 9 units

First Term (2023-24):

- URBD 5710 *Urban Design Studio I* - 6 units (required)
- URBD 5703 *Urban History and Theory* - 3 units (required)
- URBD 5704 *Research methods in Urban Design* - 3 units (required)
- URBD 5731 *Urban Processes* - 3 units

Second Term:

- URBD 5720 *Urban Design Studio II* - 6 units (required)
- URBD 5732 *Urban Transport Networks* - 3 units
- URBD 5735 *Environmental Design for Liveable and Healthy Cities* - 3 units

Summer Term:

- URBD 5734 *International Workshop* - 3 units
- *Internship Programme** (non credit-bearing)

First Term (2024-25):

- URBD 6701 *Urban Design Thesis* - 6 units (required)
- URBD 5702 *Environmental and Urban Economics* - 3 units (required)

For the full course list, course outlines and updates, visit the programme website:

<http://urbandesign.arch.cuhk.edu.hk/>

* *The internship programme is offered in the summer term to complement the course work. It allows students to gain experience in leading urban design firms in Hong Kong and link their academic research to issues with relevance in professional practice. Participation in the Internship Programme is on a voluntary basis.*



DESIGN STUDIO

Urban Design Studio I a & b
 urbd 5710
 Jessica Cheung
 Eric Ho & Rick Lam



Urban Collaborative + Commons Studio: “Urban Design Strategies for Regenerative Neighborhoods”

The city-making process is often decided in the hands of a few, with a developmental mindset that prioritises time and cost efficiency over people in global cities like Hong Kong. This approach has resulted in a top-down view of the city that celebrates grand architecture and infrastructure, while people and everyday life are often left out of the picture. This exclusive planning process has led to social issues such as weakened community ties and misallocation of urban resources. As urban designers, positioned between the institution and the end-users, we have a chance to rethink urban design in a bottom-up way that reconnects people to the city, and question how we can create strategies to influence stakeholders towards urban design that can impact all. How might we rethink our urban condition through “commons” as the inspiration for collective action?

To address these questions, Studio I will focus on field work, community engagement, participatory design, and strategic urban design strategy for Tai Po, a town near the CUHK campus. Through engagement with key stakeholders from the community, private sector and government, the studio aims to rethink urban design starting from a neighborhood scale, with Tai Po as the testing site to explore sustainable and regenerative design strategies. The goal is to re-strategise Tai Po’s position in relation to the Northern Metropolis and innovative developments along the Knowledge and Technology Eastern Corridor. Overall, the studio seeks to promote collective action by embracing the power of local intelligence and resilience, to rethink urban conditions through commons and create a more inclusive and sustainable urban environment.

REQUIRED COURSES

Urban History and Theory
 urbd 5703 Cecilia Chu

This course explores the histories of urbanism and the competing forces that shape the design and planning of cities and their urban milieus. Students are introduced to seminal urban theories and recent discourses in architecture, planning, landscape, and urban design. Discussion throughout the course engages with questions of contemporary urbanization and consider how historical knowledge may impart a better understanding of the multifaceted challenges we face in the globalizing present.

Environmental and Urban Economics
 urbd 5702 Sylvia He

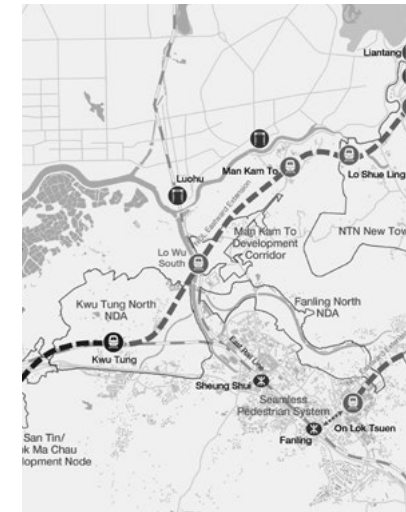
The course prepares students to develop criteria for value judgments about the complex social, economic and environmental impact of urban design and planning. A range of topics will be discussed including planning policies, migration, transportation, zoning and livability issues, and potentials for more sustainable, just and livable cities. Students learn about contemporary urban economic research and online sources of economic data.

International Workshop
 urbd 5734 Hendrik Tieben

As in every year, the programme incorporates an international urban design workshop in an overseas location in collaboration with one of our international partner programmes. Previous workshops have taken place in Taipei, Barcelona, Berlin, Lisbon and New York. The most recent programme in Bologna was organised in parallel with our participation and visit to the 2023 Venice Biennale.

DESIGN STUDIO

Urban Design Studio II a & b
 urbd 5720
 Jeroen van Ameijde
 Cai Jiaxiu



The “New” New Town: Creating sustainable, liveable and supportive communities

The Urban Design Studio II explores theories and methodologies around the conceptualisation and development of comprehensive urban design projects based on in-depth research. Continuing our research agenda into the role of self-contained urban districts in response to global and local environmental challenges, we study the historic context, precedents and recent developments around the formation of supportive communities in relation to the practice of urban planning and design.

As we continue our research into the notion of The “New” New Town, we analyse the tension between the need for large-scale planned urban developments, and the organic social and economic processes that lead to vibrant neighbourhoods and social resilience. For the research stage, we engage with Hong Kong’s rich laboratory of satellite districts, as well as the ecological and regional opportunities found in the existing landscapes of the New Territories.

The design stage will focus on the ambitious “Northern Metropolis” development area, a future urban region projected to house 2.5 million people. Within this area, we will explore the ecological, economical and social opportunities of a range of sites, as part of a wider development of the Greater Bay Area as a polycentric urban region. Informed by guest lectures and support from government and industry experts, we will explore new planning proposals for increased liveability, collaboration and innovation. Student-led research-by-design work, critical discussions and project narratives will reflect on urban theory and international precedents, and will lead to new visions for socially and environmentally sustainable urban design.

ELECTIVE COURSES

Urban Processes
 urbd 5731 Sunnie Lau

This course offers an introduction to urban processes such as urban ideals, typology and city forms, spatial data, urban regeneration, placemaking, and the role of community engagement in the development of Hong Kong and beyond. Through lectures, field work assignments, role-play and community workshops, students get hands on experience by directly engaging with various stakeholders as well as community members.

Urban Transport Networks
 urbd 5732 Daniel Pätzold

The course provides an introduction into history and application of urban transportation systems. Urban integration, policy, transport concepts, planning aspects, technical requirements and ways of implementation are presented. During the course visiting lectures, professional knowledge will be conveyed whilst its adaption to student design projects will be encouraged.

THESIS

Urban Design Thesis
 urbd 6701 Jeroen van Ameijde / Sylvia Chan

This course covers the general procedures of theoretical inquiry related to urban design. For the dissertation, students develop a proposal and produce an intellectually rigorous piece in research and writing. The topics will be self-defined but should relate to the overall studio theme.

MPhil-PhD

48

name	research title	supervisor(s)
<i>Chan Ching Kan / PhD (Part-time)</i>	Public Amenities and Retail Precincts	<i>Francesco Rossini Stanislaus Fung</i>
<i>Chen Jun / PhD</i>	Structural Co-evolution within Architectural Design Process: A Case Study of the Collaborations between Structural Engineer Zhang Zhun and Chinese Architects	<i>Thomas Chung</i>
<i>Cheng Sifan / PhD</i>	Built Environment Effect on Pedestrian's Visual Perception and Street Life in the Compact City Context: A Mixed-method Research in Hong Kong	<i>Hendrik Tieben Jeroen van Ameijde</i>
<i>Dai Shan / PhD</i>	Practical Guide to Climate-resilient Design and Post-occupancy Evaluation for Rural Earthen Dwellings' Redevelopment	<i>Edward Ng Maggie Ma</i>
<i>Rico Samuel Diederling / PhD</i>	Assessing Accuracy of Modern Joint Design: Crossroads between Allowance and Rigour Exactitude	<i>Zhu Jingxiang</i>
<i>Fu Zhiying / PhD</i>	Evaluation for the Healing Performance of the Residential Environment for People Living with Geriatric Depression: Taking Samples of Public Housing in Hong Kong SAR as Cases	<i>Zhu Jingxiang Maggie Ma</i>
<i>Fung Sze Wai, Veera / PhD</i>	Appropriating Spaces: The Study of Dong Minority Houses and Their Uses through The Everyday Life of Women	<i>Peter Ferretto</i>
<i>Gao Shichao / PhD</i>	Masonry Experimentation with Special-Shaped Brick: Inspiration from Luigi Caccia Dominioni's Built Cases	<i>Zhu Jingxiang</i>
<i>Gong Yidan / PhD</i>	Designing Medium in the Process of Urban Communing in the Context of Urban Regeneration in Hong Kong and Mainland China	<i>Thomas Chung Mo Kar Him</i>
<i>Jiang Pu / PhD</i>	An Analysis of Legibility and the Impact on Pedestrian Route Choice of Multilevel City in Hong Kong	<i>Francesco Rossini</i>
<i>Jin Yuan / PhD</i>	Research on Protection Strategies of Historic Underground Reservoir	<i>Thomas Chung</i>
<i>Ju Liqin / PhD</i>	History, Regional Identity, and Collective Memory of a Chinese Experimental Community: Research on the Conservation of Shekou Industrial Zone, Shenzhen, China	<i>Hendrik Tieben</i>
<i>Lam Man Yan / PhD</i>	Rethinking the Role of Architects: Designing a Socially Sustainable Architectural Practice	<i>Peter Ferretto</i>
<i>Lau Hing Ching / PhD</i>	BIM in AGILE: How Alternative Management Enable Building Information Modelling (BIM) to Exert Impact on Operation	<i>Zhu Jingxiang</i>
<i>Lee Man Ting Miriam / PhD (Part-time)</i>	From Religiosity to Recreation: Regenerative Conservation of Eco-Cultural Landscape Using Lantau Mountain Camp as a Case Study	<i>Thomas Chung</i>
<i>Lee Yilin / PhD</i>	Facade Design of Residential Buildings in Sub-tropical High Density City with respect to Future Change	<i>Edward Ng</i>
<i>Lei Danyang / PhD</i>	Neighborhoods in-between Space and Social Health of Elderly in Asian High Density Urban Context	<i>Francesco Rossini Mo Kar Him</i>

49

name	research title	supervisor(s)
<i>Li Junwei / PhD</i>	From Crown to Concrete: The Colonial Power and Hyperdense Housing and Planning Agenda in 1950s-60s Hong Kong	<i>Hendrik Tieben Mo Kar Him</i>
<i>Li Xiang / PhD</i>	Urban Recreation Open Space Use of Elderly People in Everyday Life in High-Density City: Taking Hong Kong as an Example	<i>Hendrik Tieben Tsou Jin Yeu</i>
<i>Li Yangzhi / PhD</i>	Autonomous Robotic Construction Based on Visual Guidance	<i>Zhu Jingxiang Adam Fingrut</i>
<i>Li Yuke / PhD</i>	The Listening Experience in Chinese Ming Literati Gardens: Re-tuning the Multi-dimension of Soundscape from Confucian Cosmology	<i>Hendrik Tieben Thomas Chung</i>
<i>Liang Erchun / PhD</i>	The Mechanism of Driving Force for the Evolution of Collective Housing Typology in Shenzhen (1979-2019)	<i>Hendrik Tieben</i>
<i>Lin Shuiyang / PhD</i>	Evaluation of Chinese Historic District Renewal Strategies Based on Cultural Identity, Using Multi-Source Big Data and Placemaking Analysis	<i>Thomas Chung Jeroen van Ameijde</i>
<i>Liu Chang / PhD</i>	Rocks and Rockeries in Song Dynasty China	<i>Zhu Jingxiang</i>
<i>Liu Xinyu / PhD</i>	Street Vitality Analysis Based on Multi-Source Data Fusion Analysis	<i>Hendrik Tieben Jeroen van Ameijde</i>
<i>Liu Ziwei / PhD</i>	Learning from Progress: Revealing and Reinterpreting Vernacular Timber Craftsmanship through Contemporary Design	<i>Peter Ferretto</i>
<i>Luo Jing / PhD</i>	Form Follows Body: The Dong Carpenter's Knowledge and the Application of Carpenter's Rules, Rituals and Tools for Constructing the Dong Minority Houses in Rural Southern Hunan, China	<i>Peter Ferretto</i>
<i>Nan Tian / PhD</i>	A Heritable Adaptation: What Can We Learn from Torii and How to Use the Learning?	<i>Zhu Jingxiang</i>
<i>Ng Tsing Yin Provides / PhD</i>	Digital Common(s): The Role of Immersive and Gamification Technologies in Intergenerational Co-design of Public Spaces	<i>Hendrik Tieben Jeroen van Ameijde</i>
<i>Wajiha Tariq / PhD</i>	Enhancing Quality of Life in Hong Kong: A Computational Approach for the Evaluation and Redistribution of Urban Resources	<i>Hendrik Tieben Jeroen van Ameijde</i>
<i>Tian Fang / PhD</i>	Study on Construction Strategies towards SDGs in Rural Yunnan	<i>Edward Ng</i>
<i>Wang Jingying / PhD</i>	Post-Earthquake Housing Recovery with Traditional Construction: A Case Study in Japan	<i>Edward Ng</i>
<i>Wang Luming / PhD</i>	Research on Digital Fabricated Small Scale Light Weight Wood Components Assembly Building System	<i>Zhu Jingxiang</i>
<i>Wen Rui / PhD</i>	Community Design Adaptability of Productive Aging in China from the Perspective of Social Capital Concept: Case Studies in Taiyuan and Chengdu	<i>Thomas Chung</i>

name	research title	supervisor(s)
Wu Fangning / PhD	Evaluation of New Towns and New Development Areas' Spatial Planning in Hong Kong from the Perspective of 20-Minute Neighborhood	Hendrik Tieben Thomas Chung
Xu Xin / PhD	Rural Sustainability through Vernacular House in the Middle Ground: Cases Study of Guangdong, China	Peter Ferretto
Yang Qi / PhD	The Rise of "Wanghong" Space: The Impact of Actor Networks and Social Media on the Making of Urban Space in Shibati, Chongqing	Hendrik Tieben Inge Goudsmit
Yano Yutaka / PhD	Hong Kong Perspective on Economic Anthropology of Timber Structure: Architecture for Circular Forest Economy	Thomas Chung
Ye Xinran / PhD	An Ethnographic Study of Socio-Spatial Practices in Urban Villages' Public Spaces in China	Francesco Rossini
Yu Boyuan / PhD	Reclaimed Discrete Elements in Sustainable Building Design and Construction (SBDC)	Zhu Jingxiang Adam Fingrut
Zhang Xiaojun / PhD	Resilient Village as a Rural Response to the Urbanising Megacity of the Greater Bay Area in China	Peter Ferretto
Zhang Yiwei / PhD	Resilient Urban Design Prototypes with Guidelines of the Coastal City under Extreme Climate Change: The Case Study of Cities in Tropical Asia, with a Focus on Singapore	Hendrik Tieben
Zhao Mingming / PhD	A Neuroarchitecture Study on the Implications of Embodied Spatial Perceptions for Human-centered Workplace Design	Hiroyuki Shinohara Tatjana Crossley



Incoming PhD Students 2023-24

Hao Jiayue MA NUS BArch Hebei Engr.	Supervisor: Hiroyuki Shinohara	Lu Pengyu MA Manchester U. BA MUST	Supervisors: Thomas Chung Jeroen van Ameijde	Zhang Jingchi MEd SCNU B/Mgt SICAU	Supervisors: Francesco Rossini Melody Yiu
Li Xiang MArch GA Tech BEng SCAU	Supervisors: Zhu Jingxiang Maggie Ma	Ni Ruoning MSc TU Delft BEng Nanjing U.	Supervisor: Peter Ferretto		
Lim Kye Lee Clarissa MArch HKU BA HKU	Supervisors: Cecilia Chu Inge Goudsmit	Song Qiwei MLA Toronto U. BEng Zhejiang A&F	Supervisors: Thomas Chung Jeroen van Ameijde		



Faculty

Full-time Faculty

Cai Jiaxiu
 Kelly Chow
 Thomas Chung
 Cecilia Chu
 Peter W. Ferretto
 Adam Fingrut
 Pedram Ghelichi
 Inge Goudsmit
 Jimmy Ho
 He Yueyang
 Han Man
 Liu Zhixin
 Maggie Ma
 Mo Kar Him
 Edward Ng
 Francesco Rossini
 Hiroyuki Shinohara
 Adam Jasper Smith
 Nelson Tam
 Hendrik Tieben
 Jeroen van Ameijde
 Wang Shuaizhong
 Xu Liang
 Melody Yiu
 Zhu Jingxiang

Emeritus and Honorary Professors

Nelson Chen
 Gu Daqing
 Heng Chye Kiang
 Ho Puay Peng
 Ronald Lu
 Tsou Jin Yeu
 Rocco Yim

Assistant Professor
Professional Consultant
Associate Professor
Associate Professor
Associate Director and Associate Professor
Assistant Professor
Lecturer
Assistant Professor
Lecturer
Research Assistant Professor
Lecturer
Research Assistant Professor
Assistant Professor
Assistant Professor
Yao Ling Sun Professor of Architecture
Associate Professor
Assistant Professor
Assistant Professor
Professional Consultant
Director and Professor
Assistant Professor
Assistant Professor
Lecturer
Research Assistant Professor
Associate Professor

Part-time Faculty

Brian Anderson
 Nobuo Aoki
 Chan Chi Yan
 Sylvia Chan
 Jessica Cheung
 Fergus Comer
 David Dernie
 Raffaella Endrizzi
 Stanislaus Fung
 Eric Ho
 Simon Hsu
 Mark Kingsley
 Rina Ko
 Lam Tat
 Rick Lam
 Sunnie Lau
 Sebastian Law
 Sarah Lee
 Juan Minguez
 Betty Ng
 Daniel Pätzold
 Ioana Alexandra Pricop
 Wataru Shinji
 Elva Tang
 Hubert Un
 Xu Subin
 Elva Tang
 Caroline Wuethrich
 Zachary Wong
 Lily Zhang
 Wang Zhenfei

Adjunct Associate Professor
Adjunct Professor
Adjunct Associate Professor
Adjunct Associate Professor
Lecturer (PT)
Adjunct Associate Professor
Adjunct Professor
Lecturer (PT)
Adjunct Associate Professor
Lecturer (PT)
Adjunct Associate Professor
Lecturer (PT)
Adjunct Associate Professor
Lecturer (PT)
Adjunct Associate Professor
Adjunct Professor
Adjunct Associate Professor
Adjunct Associate Professor
Adjunct Associate Professor
Lecturer (PT)
Professional Consultant (PT)
Adjunct Associate Professor
Lecturer (PT)
Adjunct Professor
Adjunct Associate Professor
Lecturer (PT)
Adjunct Assistant Professor
Adjunct Associate Professor



Events 2022-23

event	date
Lecture	
Li Yigang The Collective Making	21.09.2022
Andrew Davies Architect as Change Maker: Taking Creative Action to Solve Social Problems	19.10.2022
Geeta Mehta Building Social Capital by Design	02.11.2022
Marieke van den Heuvel Concept Follows Circularity	09.11.2022
Gabu Heindl Policies, Planning, Popular Agency: Radical Democracy and Architecture	16.11.2022
Umberto Napolitano Architecture and Urban Space	15.03.2023
Fermín Vázquez Activating Public Space: Generating Circumstances through Architecture	22.03.2023
Murray Fraser A World of Architectural History	04.04.2023
Murray Fraser & Eva Branscome The Past as the Future of Architecture	14.04.2023
Exhibitions	
(CUA)rchitect Exhibition	16.03 – 31.03.2023
Time Space Existence 2023	20.05 – 26.11.2023
18th Venice Biennale International Architecture Exhibition	20.05 – 26.11.2023
2023 Master of Architecture Graduation Show	07.06 – 13.06.2023

event	date
Seminars	
Webinar for MPhil-PhD Application: Direction, Proposal and Supervision	08.11.2022
CUHK Shanghai Centre Design Competition and Forum	18.01.2023
City Branding and Architecture Conference	20.04.2023
PhD Symposium 2023	26.04 – 28.04.2023
Architectural Regeneration in Rural Areas	08.06.2023
Africa Lab Sustainable Conditions Symposium	12.06 – 13.06.2023
HK Phd Fellowship Summer Workshop for PhD in Architecture	15.06 – 16.06.2023
Field Trips	
Tokyo, Japan	05.11 – 13.11.2022
Kenya, Africa	05.11 – 18.12.2022
Tokyo, Japan	11.12 – 23.12.2023
Taipei, Taiwan	30.03 – 04.04.2023
Tokyo, Japan	27.05 – 03.06.2023
Taipei, Taiwan	31.05 – 08.06.2023
Rome, Italy	25.06 – 02.07.2023
Copenhagen, Denmark	01.07 – 06.07.2023



Summer Activities 2023

Conceived, Perceived, Lived: Mapping Urban Politics

Inge Goudsmit 15 May – 16 June

The summer course explores and represents urban space from different perspectives: the designed, the physical and the symbolic, and maps the different stakeholders involved in the shaping of space. The aim is to unravel these elements to gain a better understanding of how urban politics produce space, how it is appropriated by users and how it is symbolically interpreted. This framework is based on Lefebvre's spatial triad of the "production of space", in which he argues that all space is not an empty container, but a social construct, which consists of three elements: the conceived (mental), perceived (physical) and lived (social) space. As students analyse how different stakeholders engage with the site, students also learn how to conduct direct and indirect site observations. They also conduct questionnaires and interviews to gather data to reinforce their observations. The course site is the Taiwan Performing Arts Centre (TPAC), in Shilin District, Taipei, and the impact of post-occupancy on the existing stakeholders will be analysed.

Time Space Existence 2023

Jeroen van Ameijde / 20 May – 26 November
Jessica Cheung / Melody Yiu

Students and staff from the MSc in Urban Design programme, in collaboration with AECOM, are participating in this year's "Time Space Existence" exhibition organised by the European Cultural Centre during the Venice Architecture Biennale 2023. The exhibition features studies and student works on the historic, current and future planning models of Hong Kong urban developments. Through analytical studies, field work and speculative design, the work documents design and community processes that shape vibrant and supportive urban districts.

18th Venice Biennale International Architecture Exhibition

Sarah Lee / 20 May – 26 November
Hendrik Tieben / Yutaka Yano

Jointly organised by The Hong Kong Institute of Architects Biennale Foundation and Hong Kong Arts Development Council, the "Transformative Hong Kong" Exhibition is on view in Venice, Italy. Curated by Sarah Lee, Hendrik Tieben and Yutaka Yano, the exhibition is arranged according to three designated scales – "Territorial Transformations", "Architectural Transformations" and "Public Space Transformations", combining a total of 11 sets of exhibits to showcase initiatives with interactive mixed media representations and visual essays, snapshots of transformative moment in our city with focused themes on Hong Kong's sustainability, climate change, technology and energy/resource management, and how the architectural collaborations and innovations have been using the city as the "laboratory" to meet the challenges faced by Hong Kong.

Condition_Kibera Community Prototypes

Peter W. Ferretto 22 May – 8 June

This intensive course looks at the informal settlement of Kibera in Nairobi, Kenya. Students develop community design prototypes as vehicles of change. Working in groups of three, students develop 1:1 prototypes that focus on children, designing spaces that can inspire children. Think of the prototype as a form of a temporary, mobile and micro-library. Not a library in the traditional sense, i.e. quiet and full of rules, but rather a space where children's creativity can be encouraged and promoted. The micro-library should also be associated with another programme such as: Health Clinic, Kitchen, School, Music, Theatre, Sport, Gym, Garden, Urban Farm,

Toilet, Washing Place. The definition of Micro can be interpreted, but as a gauge consider between 25/50 m2. The social impact of the prototype is key, the design has to help the community, be affordable and sensitive to the community's needs.

How to Find The Meta-Forms

Han Man 22 May – 8 June

This course ideates the concept of meta-form within architecture and illustrates its significance in architectural design. It enables students to explore various meta-forms and develop a meta-form into an architecture prototype. The lecture series formulate the concept of meta-form by coalescing the related architectural concepts in association with architectural works. Ample evidence exemplifies the increasing significance of the concepts in contemporary architecture.

Countryside Conservation in Hong Kong

Thomas Chung 26 May – 7 July

In Hong Kong's remote countryside, there are many half-abandoned rural settlements with centuries-old histories, architectural heritage, cultural memories and traditions still waiting to be excavated from their ruins. This elective takes students out to explore Hong Kong's remote countryside, visiting real sites, meeting villagers and working on actual projects. Students understand, experience and participate in the conservation and revitalisation of our "eco-cultural landscape". In small groups, you will 1) research rural conservation practices and policies local and abroad; 2) draw and study vernacular architecture and village fabric; 3) make material prototype tests on site, while engaging with villagers and stakeholders as well as consulting experts from relevant disciplines.



Robotics for Architecture

Adam Fingrut / 28 May – 2 June
Sevgi Altun / Yangzhi Li

The course exposes students to an iterative approach to design problem solving with automation tools. The course provides hands on experience using multi-axis robotic arms, teaches students an understanding of their mechanical properties, and introduces control systems using standard architectural modeling software. Students gain exposure to tools and applications based on interest, report on their explorations, declare the limits and opportunities of their research. After gaining confidence and a level of virtuosity through testing, students will be provided with a design provocation for which they develop a response featuring their documented workflows. Students create bespoke end effectors as part of their design process and tool development.

Rome Programme 2023

David Dernie 26 June – 2 July

The course aims to introduce students to the city, history and culture of Rome – its urban form, historical and modern architecture. It aims to focus on close observation and drawing, and the curation of a sketchbook. The trip comprises of guided city walks in Rome. Students draw during presentations about the histories and significance of buildings, gardens and public spaces. The walks are designed as an introduction to the Western architecture from Ancient Rome to the Fascist reshaping of the city. It culminates in contemporary buildings by Piano and Hadid. There is one trip outside of Rome, to Tivoli, to study Hadrian's Villa and the Villa d'Este.

Photographing (Life in) Space

Kevin Mak 10 July – 18 July

Among all the essential mediums we use daily in architectural study & practice, photography has the unique ability to capture not only tangible built forms but also traces of life. In this workshop, we discuss how still photographs are used to convey emotion, mood, atmosphere, or even human behaviour, history & tradition in architectural spaces. Relevant photographic skills & examples are discussed to equip participants to explore their own selected topics. Beyond technical skills, participants are encouraged to get prepared with a mindset and attitude for embracing deeper values & qualities of urban space that may not be immediately apparent.

Drawing, Representation, Architecture

Wataru Shinji 17 July – 21 July

How do we present our concepts clearly without miscommunication? How do we materialise these ideas and express them in the form of 3D or physical model? It is the drawing. In every phase of our work, the drawing becomes the foundation of our thoughts and expression. During this summer workshop, we focus on the drawings. We are going to learn what kind of representations are expected in each phase and understand why those drawings are represented differently. Another aim of this workshop is to develop your own project in class or improve your future portfolio.

Architecture Explorer Programme

Hiroyuki Shinohara 17 July – 29 July

This summer programme aims to enable secondary school students from Hong Kong and abroad to understand first-hand the joys and challenges of studying architecture. It provides an opportunity for enrolled learners to unleash their creative potential through art, design and architecture. Students learn to understand the significance of architecture through lectures, and explore the fun of design making by transforming a concept into three-dimensional spaces, using both hand tools and computing software. Students will also experience architecture through guided field trips to significant buildings and professional architectural offices. Students are tutored to develop their individual design projects. The combination of studio, workshops, lectures and field trips presents a unique introduction to different aspects of architecture and how it is practiced today.

Design / Build Experience Free Lab

Kelly Chow 21 August – 25 August

The workshop seeks to give participants an introductory experience in designing and constructing a built artifact, working with a combination of digital and analog tools. Three options of installation, including a small wooden pavilion, a deployable structure or a laminated wood installation, are available. For each installation, construction or parametric fundamentals will be taught, followed by design charrette and the assembling process. Students explore the life cycle of design and making, including exhibition, dismantling, donation, recycling and upcycling.



Student Exchange 2023-24

Exchange Programme

Partner University

Delft University of Technology (Netherlands)
 Graz University of Technology (Austria)
 National University of Singapore (Singapore)
 Polytechnic University of Milan (Italy)

Polytechnic University of Turin (Italy)
 University of Applied Sciences Stuttgart (Germany)
 University of Cambridge (UK)
 University of Westminster (UK)

University-wide Exchange

Amsterdam University College
 Erasmus University Rotterdam

Southeast University
 The University of Melbourne
 University College London
 University of Liverpool
 University of Bonn
 University of Rochester
 Western University

Outgoing

TBC
 TBC
 TBC
 TBC

TBC
 TBC
 TBC
 TBC

Tian Jinru
 Pun Yuet

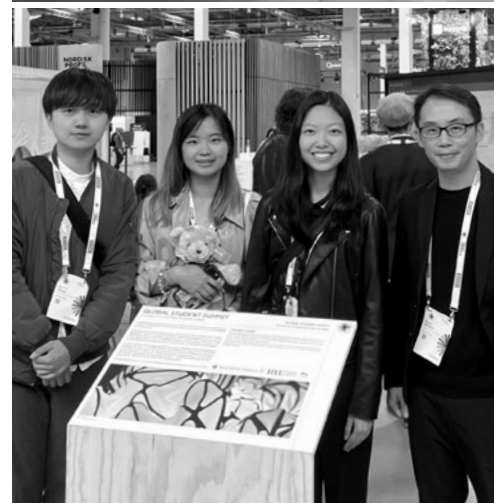
Incoming

Alicja Anna Jurkowska
 TBC
 Jerome Millian Shiu
 Luca Cadili
 Gabriele Cesaria
 TBC
 Marc Peter Laibacher
 TBC
 TBC

Karolina Kubickova
 Giulia Francesca Azzalini
 Leonard Alexander Lazarevic
 Liang Siying
 Chung Ming Hin

Young Eloise Jane

Anna Katharina Lussier
 Liu Xi



Incoming and outgoing students to be confirmed in Term 1.

Awards and Scholarships 2022-23

	Awards	Recipients	Year
	AIA Hong Kong Scholastic Awards 2023	Cheng Nga Man, Anthea	BSSc Y4
	Clifford Chun-Fai Wong Prize in Housing Design	Hui Kwan Ho Szeto Tsz Yui Yam Hoi Fai, Johnson	BSSc Y4 BSSc Y4 BSSc Y4
	CUHK CAADRIA Student Award	Wang Sijie, Jerry Kau Tin Yu, Brandon Poon Chi Kin, Andrew	MArch 1 MArch 2 MArch 2
62	CUHK Vice-Chancellor's PhD Scholarship Scheme	Zhang Yiwei	RPg
	HKIA Student Medal 2023	Yeung Chun Yin, Andy	MArch 2
	Hong Kong PhD Fellowship Scheme	Lee Yilin	RPg
	MArch Social Architecture Prize	Tong Hiu Ching	MArch 2
	RIBA President's Medal Award Nominees – Silver Medal	Cheung Nga Kei, Cherry Ling Pak Wai	MArch 2 MArch 2
	RIBA President's Medal Award Nominees – Bronze Medal	Wu Yu Tseng, Evan Zhang Xinyue, Jess	BSSc Y4 BSSc Y4
	School Leadership and Service Award	Lau Ho Fung, Tony Au Yeung Shun Hei	BSSc Y4 MArch 2
	School of Architecture Best Studio Design Awards		
	Explore I – Overall	Cheng Wing Yin	BSSc Y2
	Explore I – Section A	Chung Hiu Nam, Hilary	BSSc Y2
	Explore I – Section B	Tse Sze Kei	BSSc Y2
	Explore I – Section C	Kam Yik Tung	BSSc Y2
	Explore I – Section D	Huang Tz Ting	BSSc Y2
	Explore I – Best Drawing Award	Luk Wan Man	BSSc Y2
	Explore I – Best Model Award	Wang Yilan	BSSc Y2
	Explore I – Best Photo Award	Tan Kailin	BSSc Y2
	Explore II – Overall	Chu Yik Ting	BSSc Y2
	Explore II – Section A	Cheung Sum Yu	BSSc Y2
	Explore II – Section B	Chan Yui Hei, Joshua	BSSc Y2
	Explore II – Section C	Feng Ka Ching	BSSc Y2
	Explore II – Section D	Choi Ka Ying	BSSc Y2
	Studio A	Wong Yuk Yiu	BSSc Y3
	Studio B	Wong Ying, Percy	BSSc Y3
	Studio C	Chen Linyuan Chen Yaxin Lee Wing Tung	BSSc Y4 BSSc Y4 BSSc Y4

	Awards	Recipients	Year
	Studio C – Best Presentation Award	Chan Ching Yan, Emily Chan Ka Yi Chen Jiajian Hui Kwan Ho Lau Ho Fung, Tony Lee Wing Yi Leung Hok Kei Pun Tsz Kiu Szeto Tsz Yui Tam Chi Wan, Cynthia Tang Chui Yan Yam Hoi Fai, Johnson	BSSc Y4 BSSc Y4 BSSc Y4 BSSc Y4 BSSc Y4 BSSc Y4 BSSc Y4 BSSc Y4 BSSc Y4 BSSc Y4 BSSc Y4 BSSc Y4
	Studio D – Overall	Wu Yu Tseng, Evan	BSSc Y4
	Studio D – Section A	Cheung Ming Chung	BSSc Y4
	Studio D – Section B	Wu Yu Tseng, Evan	BSSc Y4
	Studio D – Section C	Zhang Xinyue, Jess	BSSc Y4
	Studio D – Section D	Cheng Nga Man	BSSc Y4
	Studio D – Best Model Award	Chiu Yiu Chun	BSSc Y4
	Studio D – Best Isometric Section Award	Lee Wing Tung	BSSc Y4
	Studio D – Best Perspective Section Award	Chen Jiajian Yam Hoi Fai, Johnson	BSSc Y4 BSSc Y4
	Advanced Architectural Design Studio	Cheung Nga Kei, Cherry Ling Pak Wai Yeung Chun Yin, Andy	MArch 2 MArch 2 MArch 2
	Best Project Book Award	Cheung Nga Kei, Cherry	MArch 2
	Student Fellowship UIA World Congress of Architects 2023	Zhang Yiwei	RPg
	The 9th Southwest Jiaotong University "Tianfu Construction Festival" – Second Prize	Chung Hiu Nam Mak Kwan Yeung Wang Yilan	BSSc Y2 BSSc Y2 BSSc Y2
	Urban Innovation Award	Choy Koon Wei Fong Sze Yuet	BSSc Y1 BSSc Y1
	Young CAADRIA Award	Cheng Sifeng	RPg
	Scholarships	Recipients	Year
	Design Talent Scholarship	Chung Shuk Ping Yi Xin Yuan Lingyun	MArch 1 MArch 1 MArch 1
	Formica Scholarship	Lau Ho Fung, Tony	BSSc Y4

Professor Raymond Fung Scholarship
 P&T Travel Scholarship
 Wharf Architectural Design Internship

 Wong Tung & Partners Scholarship

Awards (Alumni)

2022 A&D 40 Under 40 Award

City Dress-up Design Competition

CUHK Postgraduate Research Output Award 2021

CUHK Young Scholars Thesis Award 2021

DFA Hong Kong Young Design Talent Award 2022

Discover Bay Multi-recreation Centre Design Competition
 Second Place
 Third Place

The 57th Central Glass International Architectural Design Competition Frist Prize

The Design Competition for Public Play Spaces - Winning Entries

Awards (Faculty)

CUHK Faculty of Social Science Exemplary Teaching Award 2022

CUHK Faculty of Social Science Research Teaching Award 2022

CUHK Faculty of Social Science Research Mentorship Award 2022

DFA Design for Asia Awards – Grand Award

International Union of Architects (UIA) 2030 in Category 3
 (Adequate, Safe & Affordable Housing) – Winner

World Architecture Festival 2022 – The “World Interior of the Year” Award

World Festival of Interiors 2022 – The “Best Use of Natural Light” Prize

Wong Ying, Percy

Di Shixiao

So Ching Ching
 Wong Shu Yan, Jake

So Tsz Ching, Jasmine
 Yuen Wan Ching, Tiffany

Recipients

Kan Chan
 Patrick Lam

Leong On Yu
 Long Hio Lam

Liu Sheng

Kwok Yu Ting

Yu Hoi Tung, Jacqueline
 Lau Chung Ming, Ming

Leung King Chi, Matthew
 So Wing Yi, Zoe

Lam Ho Wang, Owen

Leung Ho Wai, Ian

Yip Chau Kit

Jeroen van Ameijde

Thomas Chung

Edward Ng

Condition_Lab (led by Peter Ferretto)

Domat Architects (led by Maggie Ma, Mark Kingsley)

Condition_Lab (led by Peter Ferretto)

Condition_Lab (led by Peter Ferretto)

BSSc Y3

MArch 2

MArch (2022)
 MArch (2022)

MArch 2
 MArch 2

Year

MArch 2013
 MArch 2010

BSSc (2018)
 BSSc Y2

PhD (2021)

PhD (2021)

MArch (2012)
 MArch (2016)

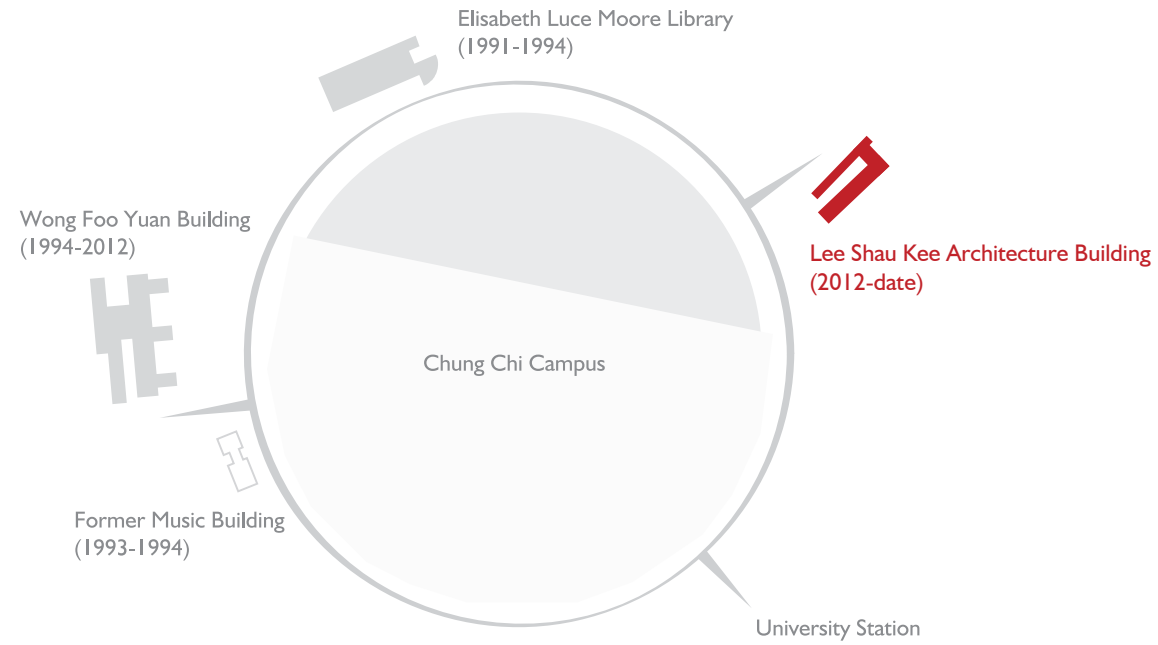
MArch (2022)
 MArch (2022)

MArch (2018)

MArch (2021)
 BSSc (2018)
 MArch (2019)



Location



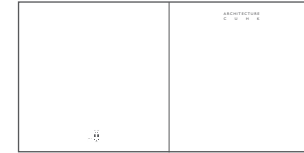
SCHOOL OF ARCHITECTURE
 香港新界沙田中文大學建築學院
 LEE SHAU KEE ARCHITECTURE BUILDING
 THE CHINESE UNIVERSITY OF HONG KONG
 SHATIN, NT, HONG KONG. TEL +852 3943 6583
 EMAIL ARCHITECTURE@CUHK.EDU.HK

editor xu liang
 assistant editors tammy kong, jovian wong
 text / images students and staff
 photographer samson huang

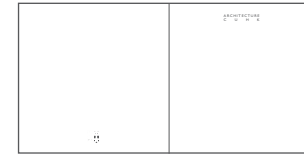
8 / 2023 www.arch.cuhk.edu.hk



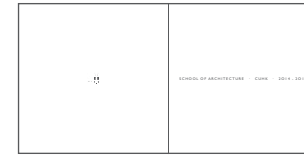
notebook iii 2003-04 198 x 198mm 64 pages
vito bertin | essay baniassad



notebook ii 2002-03 198 x 198mm 52 pages
vito bertin | essay baniassad



notebook i 2001-02 210 x 210mm 36 pages
vito bertin | essay baniassad



blackbook 2014-15 198 x 198mm 64 pages
bruce lonnman | andrew yu



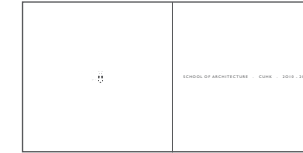
blackbook 2013-14 198 x 198mm 64 pages
bruce lonnman | andrew yu



blackbook 2012-13 198 x 198mm 64 pages
thomas chung | andrew yu



blackbook 2011-12 198 x 198mm 52 pages
thomas chung | andrew yu



blackbook 2010-11 198 x 198mm 48 pages
thomas chung | zachary wong



blackbook 2009-10 198 x 198mm 44 pages
thomas chung | andrew yu



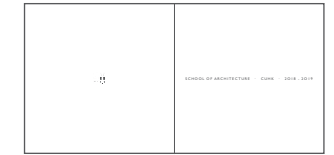
blackbook 2015-16 198 x 198mm 68 pages
bruce lonnman | andrew yu & xu liang



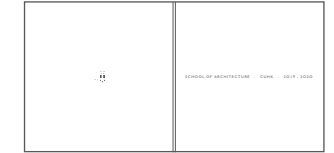
blackbook 2016-17 198 x 198mm 68 pages
bruce lonnman | xu liang



blackbook 2017-18 198 x 198mm 72 pages
bruce lonnman | xu liang



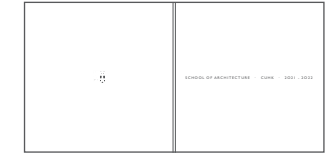
blackbook 2018-19 198 x 198mm 68 pages
bruce lonnman | xu liang, janice leung



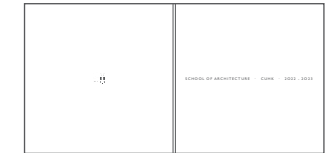
2019-20 198 x 198mm 68 pages
bruce lonnman | xu liang, janice leung



2020-21 198 x 198mm 60 pages
xu liang | tammy kong



2021-22 198 x 198mm 68 pages
xu liang | tammy kong, bianca lam



2022-23 198 x 198mm 68 pages
xu liang | tammy kong, rachel lai



2023-24 198 x 198mm 66 pages
xu liang | tammy kong, jovian wong

