Message from the Director

Last year was very eventful at the School of Architecture, with the inauguration of the School, a change in the curriculum, preparation for the new building for Architecture, and the accreditation exercise. We were particularly excited about the commendations of the accreditation board members from the Hong Kong Institute of Architects, Architects Registration Board, and Commonwealth Association of Architects. With the grant of an unconditional term of validation to our programmes for five years as a result, all members of the School, staff, students and alumni alike, are invited to help us further our strengths, and advance the role of architectural education in this region.

The new curriculum structure the School advocates has greater pedagogical integration between studios and required courses. The BSSc (AS) programme is a pre-professional degree aimed at equipping students with a comprehensive understanding of the many facets of the built environment, its interface with society, and the critical skill of creating such environment. The MArch programme is positioned as a professional degree with an academic concern of educating students for the profession.

New this year is the Certification in the MArch programme -- students who wish to acquire advanced knowledge and to explore design possibilities would now be able to do so in courses and studios within four concentration areas: Computational Design, Conservation Design, Sustainable Design, and Urban Design. Certification in any one of these areas would signify an in-depth exposure, understanding, and advanced skill in design exploration in that particular area. Students would have a full two years to fulfill the necessary requirements without having to declare the concentration at the outset of entering MArch programme. I hope students can take advantage of this scheme which has been welcome by the profession.

I trust that for all of us, this coming year will prove to be another milestone in your professional pursuit. This year should see that all of us make headway in critical competence in the discourse and practice of architecture. Wish you all a very exciting year to come.

Ho Puay-Peng
Programme Overview

Professional Programme

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 of studies in architecture by exploring lateral relationships with other subjects and disciplines as well as through independent study and experience of other cultures. The core of studies consists of design studios in addition to courses offered in humanities, technology, professional practice and design computation.

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. 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 RIBA part I), such as the BSSc (AS) from CUHK, and relevant work experience.

Concentrations (MArch+)

The Master of Architecture Plus (MArch+) encompasses four core areas that reflect upon interests and expertise at the School of Architecture: Conservation, Sustainability, Urban Design, Computation. Each area offers required and elective courses, seminars and studios that are both specific to the area and interdisciplinary in nature. The concentration aims to offer additional learning experience in one of the four areas to enhance the knowledge and abilities of students within their professional degree.

Postgraduate Programmes

MSc Sustainable and Environmental Design

The Master of Science - MSc - in Sustainable and Environmental Design is a taught postgraduate programme, for practitioners in all sectors of the building industry. It usually requires one year of full-time study or two years part-time. Applicants should have a bachelor’s degree and work experience in a related field.

MPhil

The MPhil is a research degree. Students learn primarily by doing independent original research, usually by participating in the work of the School’s design studios or research units – Chinese architectural heritage, community participation, computation and simulation, sustainable and environmental design, and housing. In some cases, students may also pursue their own topics, if feasibility of the topic can be demonstrated upon application.

PhD

The PhD is a research degree. Students learn primarily by conducting independent original research, usually by participating in the work of the School’s design studios or research units – Chinese architectural heritage, community participation, computation and simulation, sustainable and environmental design, and housing. In some cases, students may also pursue their own topics, if feasibility of the topic can be demonstrated upon application.
<table>
<thead>
<tr>
<th>Year</th>
<th>Studio</th>
<th>Humanities</th>
<th>Technology</th>
<th>Design Computation</th>
<th>Professional Practice</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>total units</td>
<td>75</td>
<td>30</td>
<td>15</td>
<td>15</td>
<td>6</td>
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<td>28</td>
<td>6</td>
<td>6</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**block teaching electives, i.e. 26 hour lecture courses in 9 days with assignment to be submitted / report later
## Calendar

### 2010-11 Term 1

<table>
<thead>
<tr>
<th>week</th>
<th>event</th>
<th>date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>First teaching day/Safety talk</td>
<td>06.09 M</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>13.09 M</td>
</tr>
<tr>
<td>3</td>
<td>Mid Autumn Festival</td>
<td>20.09 M</td>
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<td></td>
<td></td>
<td>23.09 Th</td>
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<tr>
<td>4</td>
<td>National Day</td>
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<tr>
<td></td>
<td></td>
<td>01.10 F</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>04.10 M</td>
</tr>
<tr>
<td>6</td>
<td>Chung Yeung Festival</td>
<td>11.10 M</td>
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<tr>
<td></td>
<td></td>
<td>16.10 S</td>
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<tr>
<td>7</td>
<td></td>
<td>18.10 M</td>
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<tr>
<td>8</td>
<td></td>
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<tr>
<td>9</td>
<td></td>
<td>01.11 M</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>08.11 M</td>
</tr>
<tr>
<td>11</td>
<td>Course evaluation week</td>
<td>15.11 M</td>
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<tr>
<td>12</td>
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<td>13</td>
<td>Final review week</td>
<td>29.11 M</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>06.12 M</td>
</tr>
<tr>
<td>15</td>
<td>Portfolio submission</td>
<td>13.12 M</td>
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### 2010-11 Term 2

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<thead>
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<th>week</th>
<th>event</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>First teaching day</td>
<td>10.01 M</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>17.01 M</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>24.01 M</td>
</tr>
<tr>
<td>4</td>
<td>Lunar New Year</td>
<td>31.01 M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01.02 Th</td>
</tr>
<tr>
<td></td>
<td></td>
<td>04.02 F</td>
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<tr>
<td></td>
<td></td>
<td>05.02 S</td>
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<tr>
<td>5</td>
<td></td>
<td>07.02 M</td>
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<tr>
<td>6</td>
<td></td>
<td>14.02 M</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>21.02 M</td>
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<tr>
<td>8</td>
<td>Student Forum</td>
<td>28.02 M</td>
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<td></td>
<td></td>
<td>03.03 Th</td>
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<tr>
<td>9</td>
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<tr>
<td>11</td>
<td></td>
<td>21.03 M</td>
</tr>
<tr>
<td>12</td>
<td>Course evaluation week</td>
<td>28.03 M</td>
</tr>
<tr>
<td>13</td>
<td>Ching Ming festival</td>
<td>04.04 M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05.04 T</td>
</tr>
<tr>
<td>14</td>
<td>Final review week</td>
<td>11.04 M</td>
</tr>
<tr>
<td>15</td>
<td>Easter</td>
<td>18.04 M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>22.04 F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>23.04 S</td>
</tr>
<tr>
<td>16</td>
<td>Easter</td>
<td>25.04 M</td>
</tr>
<tr>
<td></td>
<td>Portfolio submission</td>
<td>26.04 T</td>
</tr>
</tbody>
</table>
The Bachelor of Social Science (Architectural Studies) programme is designed to provide a basis for education in general and preparation for professional work as an architect in particular. The core of studies consists of design studios in addition to courses offered in humanities, technology, professional practice and design computation.

Design studios are now structured in a sequential manner through the six semesters of the programme. The intention is to allow better integration of studio courses and required courses, and to enable students to start from fundamental concepts and advance progressively to more complex issues in architectural design.

The foundation studio in the first semester introduces students to the field of architectural design through studio learning. In the subsequent four studios students learn design skill by either focusing on specific aspects of architecture or by addressing various factors that influence architectural form. Arranged in a sequence, these factors include architectural space conception, human behavior, environmental technology and sustainable design, and urban setting. Students are also required to demonstrate a basic understanding of construction system, load-bearing structure and material character through their design. In the sixth semester, a final studio is introduced to integrate the various elements in architectural design.

Elective courses are offered to investigate into a particular field of architecture. These issues may range from history, design theory to urban studies, building technology or computational design. Each specific elective is designed to allow students to gain in-depth knowledge and ability to discourse or execute the theory and practice of the particular field. Each semester, there will be a different number of electives offered with specific course description for students to choose from.

### Studio sequence

<table>
<thead>
<tr>
<th>Semester</th>
<th>Learning</th>
<th>Teaching</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>U1</strong></td>
<td>process</td>
<td>tool</td>
<td>Foundation</td>
</tr>
<tr>
<td>Y1 T1</td>
<td>design as visual and conceptual process; habitable environments; space as form; abstraction and transformation; form and making; design concept, parti and formal composition</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>U2</strong></td>
<td>space</td>
<td>method</td>
<td>Tectonics, Space, Design</td>
</tr>
<tr>
<td>Y1 T2</td>
<td>design process; sequential steps; tectonic concept; enveloped, continuous and modular space; spatial composition and tectonic form; graphic representation; digital and physical modeling</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>U3</strong></td>
<td>use</td>
<td>programme</td>
<td>Programme and Use</td>
</tr>
<tr>
<td>Y2 T1</td>
<td>use of space both functional and symbolic; space planning; human scale and dimension; habitable space; structure (form and organization) on building design</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>U4</strong></td>
<td>force</td>
<td>performance</td>
<td>Structure &amp; Passive Environmental Design</td>
</tr>
<tr>
<td>Y2 T2</td>
<td>impact of natural forces; tools for measuring design performance; sustainability in architecture; urban design and conservation; design of sustainable and energy efficient human environments</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>U5</strong></td>
<td>place</td>
<td>context</td>
<td>Place Making and Contextual Response</td>
</tr>
<tr>
<td>Y3 T1</td>
<td>influences on urban form generation and articulation; interface between architecture and city; contextual design of places; evolution of architecture in cities; making of sustainable cities</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>U6</strong></td>
<td>project</td>
<td>articulation</td>
<td>Comprehensive Building Design</td>
</tr>
<tr>
<td>Y3 T2</td>
<td>comprehensive project with program and site; conceptual integration of building systems; structure, enclosure and interior space; high resolution and articulation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Foundation Studio begins with an enquiry on Form, Space and Context. The studio will further develop on these basic concepts with specific exercises to train students to acquire basic skills, hands-on experiences and creative ideas. A step-by-step approach is adopted to equip students to build up their confidence in architectural knowledge. The studio pedagogy takes a progressive approach from an extension of personal space, to in-between space, constructed space, compositional space towards an integral space. These five steps are designed to correlate to upcoming studios in the upper years. Overall, the studio is intended to prepare a solid foundation for students to perform in different directions later.

For our studio, inquiring basic generic issues is an excellent way to understand and learn architecture through conceptualizing, exploring, verifying and building; thus the teaching team will guide and help students to be strategic as to where to start, how to make, or when to implement intentions and ideas. Systematic approach from geometry, composition, and mutation is applied in a progressive manner through the design exploration process. The pedagogy is constructed according to specific goals, approaches and dear methodologies in order to focus the basic design issues regarding spatial configuration, human behaviour, contextual relevance and building logic.
The aim of the course is to introduce students to the exploration of architectural space in a series of accumulative exercises. It is intended to cultivate a method of work through which space concept is conceived through working with different types of media, and crystallized with the consideration of habitation and further materialized through the means of building materials and construction. Drawing and model-making skills are taught integrated with exercises from basic concepts to sophisticated skills. The objectives are to understand basic design concepts captured in the keywords as element, space, form, organization, use, scale, site, structure, material, component, construction and expression at different levels of complexity; to develop a method of work from conception to realization; and to be able to use model-making and graphic techniques to conceive, study, explore, articulate, and present design ideas. The course will be conducted in a way of program centered and research based team teaching in a highly structured manner. The program consists of three projects, each with a specific focus: habitation, construction and organization. Each project consists of several precisely defined exercises, each of which deals with a particular design issue and method of work.
The studio’s design approach is to link architectural space and human activity. Its method is to assemble archetypal activities (entry, gathering, worship, exchange, work, contemplation) and develop these into more complex narratives involving the experience of space + the uses of space.

**The Experience of Space**

**Movement:** kinetic - orientation and alignment - sequences - enclosure or release - distance and proximity - hierarchies - expression through dynamics - path.

**Sensation:** Optic - eye as register - perception of solid and void - the role and uses of colour; Haptic (touch): the perception of textures, materiality, detail, weight; Auditory: significant parallel to overall perception, understanding distance, depth, materiality.

**Light:** presence and modulation - effect of night and day - shadows - analogue to vision - transparency, translucency, and opacity.

**The Uses of Space**

how space addresses functional, symbolic, and social needs.

**Symbolic Uses**: every human activity, and every space for that activity, possesses an ordinary as well as a symbolic dimension. If programme refers to the ordinary dimension, then occasion might refer symbolic aspects. Both designations are necessary, each contains the other. The task of design is to orchestrate programme in the service of the occasion, and, in doing so, to reinvent their relationship - between the ordinary and the symbolic, the everyday and the special, the mundane and the poetic. In architectural terms this has been designated as servant and served space, ground and figure, fabric and monument, function and expression, abstract space and event space (or social space).

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**Architectural History and Theory III**

**Programme and Use arch 2110**

This course examines the history and theory of modern architecture through significant works of the 20th century. Modern buildings will be situated within the discourse on Modernism, and diverse ideas and designs, through the different movements and periods will be traced. The course focuses on how individual works relate to important manifestoes, critical writings, parallel developments in the arts, as well as the more general cultural, intellectual and historical circumstances of the time.

**Building Technology II (Building Structure)**

arch 2411 bruce lonnman

The course is organized according to the four basic categories of structure described by Engel. Each type is studied to understand the physical performance characteristics based on action of forces and design parameters determined by economy, life safety and architectural context. Schematic, preliminary design exercises employing physical behavior models, graphic statics form-finding and standard member selection design charts provide experience in the selection and configuration of a few basic structural systems.

**Computer-Aided Architectural Design arch 2210**

marc aurel schnabel

Digital design media, methods of communications, and design computing in architecture are the core topics addressed in this course. Digital instruments for drawing, drafting, image processing, 3D modeling and visualization, layout, (Internet-) publishing, and fabrication are introduced through lectures covering theoretical concepts and practical skill building exercises. These learning outcomes are applied and transferred to problems and situations arising from the design studio.

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**Design Computation**

**3d modeling**

Student use digital 3D modelling, rendering and animation to explore and communicate programmes within various spatial conditions. They study 3D relationships between humans, activities and experiences that are simulated with design computation.

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**Activity**

**Desired outcome**

- Student use 3D to model, render, and animate to explore and communicate programmes within various spatial conditions.

**Evaluation of outcome**

- Studio assessment of work submitted will reflect one's understanding of the coursework.

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**Required Course**

**Architectural History and Theory III arch 2311**

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Studio U4

force | performance
Structure & Passive Environmental Design  arch 2120

The studios address architectural issues with a particular focus: to examine the role of building technology in architectural design. More comprehensively, studio projects engage designs in ways that relate to architectural theories, design technologies, critical innovations, and pragmatic processes. It provides a context for understanding the forces of nature and their impact on the design of buildings. The design studios employ a systematic approach that begins with identifying real or perceived potentials latent in the physical environment, developing them as an architectural strategy, and lastly evaluating performance through either computational simulation or physical testing.

Throughout the studio sequences, collaboration between peers, studio instructors, research staff, and outside practitioners is recommended. A degree of self- and collaborative learning provides a setting for you to enrich your knowledge of building technology, to design, build and test prototypes for performance, and to acquire insights into design approaches that embrace sustainable designs. The studio’s principal themes include:

- Natural forces: serve as primary generators of form and architectural intention.
- Building technologies: as inspiration and basis for architectural strategy.
- Making: as process concerning material, fabrication, connection and assembly.
- Performance evaluation: predict and measure through simulation, including physical or digital modeling, prototype testing and computer modeling.

REQUIRED COURSE

Architectural History and Theory II
arch 2311  yi chuo

In this course, students will explore ideas and practices that shape our architectural heritage. From the Greek conception of ideal beauty to the 19th century idea of time and history, intellectual formulations inspire us and give us techniques for work. In this course, we will attempt to understand how, in various times in the past, these ideas manifested themselves through individual works of art and architecture, and how ideas are connected across places, times, and types of works.

Building Technology III
(Environmental Technology)
arch 2420  edward ng

This course introduces the fundamental concepts of passive environmental design, and examines the effects 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 more depth. Students will learn to appreciate the application and integration of passive environmental design in architectural works.

REQUIRED COURSE ACTIVITY

archive of existence, kwok wai chung mike

above: good live centre, wong ho man francis; below: archive of existence, kwok wai chung mike

Architectural History and Theory II
arch 2311  li shiqiao

In this course, students will explore ideas and practices that shape our architectural heritage. From the Greek conception of ideal beauty to the 19th century idea of time and history, intellectual formulations inspire us and give us techniques for work. In this course, we will attempt to understand how, in various times in the past, these ideas manifested themselves through individual works of art and architecture, and how ideas are connected across places, times, and types of works.

DESIGN STUDIO

Structure & Passive Environmental Design    arch 2120

Students simulate their design with digital models testing basic environmental factors and/or translate them in tangible objects that are manually or digitally fabricated by exploring their designs’ inherent logical structure and steps of assembly.
The idea of relating a building to its context represents a basic understanding in designing architecture on a site, and in the company of other buildings. At the level of building, it exploits the unique quality of a site, informs the placement of building, and shapes the inside-outside relationship. At the contextual level, it considers architecture as a part of the city, and contributes to the making of public places.

In traditional societies, this architectural response is obvious—a house forming a part of a village, several houses forming a village square, and a village fitting seamlessly into the rural context. With increasing demand for individuality, larger scale of cities, and rapid urbanization, this fundamental requirement of architecture is often ignored. Contextual design is sometimes argued to be of lesser importance given the vast scale, and internal concerns of architecture today. Yet the making of connectivity, openness, and publicness in architecture is ever more pressing in the contemporary city, for it alleviates isolation, fosters tolerance, and gives pleasure and meaning to places.

This studio investigates contextual response and place making in architecture. Using the New Territories as a context, the studio searches for the design of building and space so as to respond to: 1) the disintegration of urban fabric; 2) the ineffective use of space; and 3) the lack of a coherent urban strategic plan. Behind the studio is an attempt to use architecture as a tool to explore alternative urban strategies to the current architectural and planning practices in Hong Kong.

Design Computation

Building information modelling

Students establish overarching design rules and dependencies to understand relationships between entities that form larger clusters. Building Information Modelling forms the basis for this exploration.

Land and City

This course is an introduction to the form of cities, and includes a series of lectures to examine the form and process of cities. What are the different forms of city? What are their physical attributes? What shape cities? These are questions that will be addressed. Through the study of urban form and fabric in history, the course will examine the urban process. Students will study selected parts of Hong Kong, and develop a theoretical view about land and city.

Activity

Design Computation

Building information modelling

Students establish overarching design rules and dependencies to understand relationships between entities that form larger clusters. Building Information Modelling forms the basis for this exploration.

Elective

China Urban Housing

arch 4701 tsau jin-yeu

To enrich understanding to the history and current situation of China Urban Housing, the course provides the opportunity to research on interaction between the built environment and society in China. Students can research on topics such as housing characteristics in China, the contemporary Chinese society structure, subsidized housing for disadvantaged groups.

Urban Infrastructure of Hong Kong

arch 4801 bruce lonnman

This course examines the design and aesthetics of movement infrastructure in the form of bridges, tunnels, roads, pedestrian walks, and other structures related to circulation in the city. Focus is on the context of Hong Kong with reference to precedents worldwide. The content of the course material will derive primarily from documentation and discussion of case studies.

Digital Architectures

arch 4951 marc aurel schnabel

The aim of this course is for students to become eloquent in using parametric architectural design techniques. Students shall explore ideas, analyze data, present and communicate design concepts electronically by exploring a variety of parameters of their design. Students will gain a broad knowledge of architectural design computing instruments and techniques.
The integration of building systems begins with a design concept but is ultimately achieved through a process of resolution, refinement and the articulation of form, material and structure. The goal of this studio is a comprehensive design of a moderate size building with a focus on an aspect of building system integration. Building systems considered include structure, envelope and interior space. Possible topics for a development study range from the detailed design of a prominent interior space to the configuration of a medium-span roof incorporating natural lighting. In each case, the design explores the boundary separating interior and exterior, its characteristic as filter or barrier, and its construction as an assembly of building components. The detail and articulation is revealed in a 1:20 sectional model or drawing. The in-depth study is guided by precedent and building systems research and leads to an investigation of the building system at a higher degree of resolution.

**REQUIRED COURSE**

**Professional Practice**  
arch 3510  bernard lim

The course connects the arena of the architecture school with the domain of architectural practice. The student is given a working appreciation of the contractual, ethical, economic, legal, and socio-communal issues that relate to the profession. In particular the course introduces the concept of professionalism, emphasizing the role of the architect working in relationship with others. Generally the course prepares the student for a role in the architect’s office during the practical experience year.

**ELECTIVE**

**Painting toward Architecture Part II**  
arch 4501b  gu daqing

The course investigates the method of space organization in both painting and architecture. Instead of restricting knowledge to the doctrine of Modern Architecture, the course takes a fresh look with the intention of establishing a body of knowledge concerning issues as listed: fundamentals of space concept, spatial organization in architecture, operation and perception, realization of space concept, materiality, and construction.

**Aspect of Asian Architecture**  
arch 4601a  maggie hui

This course adopts an interdisciplinary approach to the study of traditional architecture and built environment in the Asian context. To understand the value of architectural heritage in Asia, one shall always consider issues and dynamics driven by culture, geography, society, religion, as well as politics. The course considers cases from various cultures such as China, Tibet, Japan, and those of Southeast Asia, in order to foster a broader discussion.

**Idea-based Architectural Design**  
arch 4601b  li shiqiao

What are design ideas? This course provides a platform for reflection on design ideas, as well as for students’ assessment of their own design ideas being tested out in studios. The course considers process-based and idea-based design traditions, formulates three different levels of ideas: simple, critical, and reflexive, and examines techniques (techne) without which design ideas cannot exist. Students will reflect on their own studio design critically, aiming to strengthen ideas and achieve better studio results.

**Cinematic Space**  
arch 4601c  etelier brenz

The aim of the course is to strengthen space perception, observation and discovery of issues with audio-visual media as tool. It offers an introduction to history and theory of film and to video in relation to space perception. Different examples of movies and experimental films will be screened and discussed in regard to the way they represent space and city. Students will learn basic techniques of scripting, filming and editing and will produce their own short films.

**PROJECT | ARTICULATION**

Comprehensive Building Design  arch 3120

The integration of building systems begins with a design concept but is ultimately achieved through a process of resolution, refinement and the articulation of form, material and structure. The goal of this studio is a comprehensive design of a moderate size building with a focus on an aspect of building system integration. Building systems considered include structure, envelope and interior space. Possible topics for a development study range from the detailed design of a prominent interior space to the configuration of a medium-span roof incorporating natural lighting. In each case, the design explores the boundary separating interior and exterior, its characteristic as filter or barrier, and its construction as an assembly of building components. The detail and articulation is revealed in a 1:20 sectional model or drawing. The in-depth study is guided by precedent and building systems research and leads to an investigation of the building system at a higher degree of resolution.
The Master of Architecture Programme at the School of Architecture offers a series of research-based Advanced Studios and independent design explorations. These studios and explorations contribute, from different perspectives, towards a research agenda with a strong focus on emerging issues in Asian cities, which we believe contain elements of spatial intelligence situated in cultures and geographies. This focus is rooted in understandings of a rich human experience in conceiving and designing cities in history, from antiquity to the twenty-first century; it is also concerned with various new aspects of urban realities such as density, urban memory, sustainability, mobility, capital influx, technology, politics and migration.

We are deeply committed to research-based urban interventions that emerge from the strengths of the long-standing and distinguished research activities of studio leaders ranging from tectonics experiments, scientific data collection and analysis, urban studies, historical investigations, and theoretical explorations. The Master of Architecture Programme now offers MArch+ certification, allowing focused and specialized streams to achieve a greater engagement with the city.

MArch 1

The programme consists of Advanced Studios focusing on issues that are closely connected to the research agendas of studio leaders. The studios aim to both articulate an intellectual position and demonstrate the impact of that position in design, offering opportunities for research-based architectural exploration while maintaining professional standards appropriate at the Master level.

Design Studios

The MArch 1 Advanced Studios engage with issues such as design and fabrication technology, culture and the city, and Asian urbanism.

These studios aim to achieve two principal objectives:

i) In-depth exploration of architectural issues closely connected to studio leaders’ research agendas. The Studios will emphasize on focus; innovation; research and intellectual content

ii) Professional competence, demonstrated in materials submitted by students. This includes: programme of appropriate complexity; skills in space planning, awareness of regulatory requirements; detailed knowledge of construction and building technology; awareness of issues such as sustainability and economy.

Required Courses

Term 1: Architectural Theory and Criticism; Advanced Building Services

Term 2: Urban Design and Planning; Advanced Structures and Construction

Electives

Studio leaders are encouraged to combine an elective on design issues with studio teaching, exploring design issues within two different contexts. With the coupling of electives and studios, there is a greater space for different teaching methods which may require unique modes of research and teaching (such as field surveys and workshops). Electives courses and design studios are currently offered in the following areas: Sustainability, Digital Design, Conservation, Urbanism, Design and Culture

MArch 2 Thesis Project

MArch 2 is a one-year thesis project. Students have the freedom to explore different issues relating to architecture, built environment, building technology and urbanism. They will formulate their research and study issue, and relate it to architectural design. The issue addressed in the thesis should fall within the stated research interests of the advising faculty. The final outcome of the thesis should demonstrate the student’s ability to explore an architectural issue independently and in depth. The work should be innovative in research and study. The proposed design should be both comprehensive in scope and detailed in its execution. To this end, students are required to work on a special study focusing on one of the three areas: detailed design development, building technology, and urbanism/urban design.
MArch +

Certificate in MArch Concentrations

The Master of Architecture Plus (MArch+) encompasses four core areas that reflect upon interests and expertises at the School of Architecture: computational, conservation, sustainable, and urban design.

Each area offers required and elective courses, seminars and studios that are both specific to the area and interdisciplinary in nature. MArch+ aims to offer additional learning experience in one of the four areas to enhance the knowledge and abilities of students within their professional degree. Students would have a full two years to fulfill the necessary requirements without having to declare the concentration at the outset of entering MArch programme.

Concentrations

Computational Design
Coordinator: marc aurel schnabel

You explore and deepen your knowledge and exposure in the discipline of computational architecture and digital manufacturing. The courses are grouped around digital technologies for architectural design and the challenges of producing socially and environmentally sustainable environments. You are encouraged to reframe challenges of the built environment, to become a central participant in the larger context and to implement architectural computation in your designs.

Requirements

design studios
- G1 cross-fabricated scales;
- G7 glass commune; Thesis

electives
- arch 5701c; arch 5901

requirements
- electives: 9 units;
- studios: 6-unit M1 studio or 16-unit thesis with computational design as focus

Mechanism

In addition to the requirements of the studio, required and elective courses for the fulfillment of the degree of Master of Architecture, a student opt to take three electives offered in one concentration and an MArch 1 or MArch 2 concentration studio in order to qualify for the award of a certificate in that concentration. Of the 9 credits gained from concentration electives, 3 can be counted towards the 52-credit graduation requirement of the MArch programme, except for Sustainable Design.

Sustainable Design
Coordinator: edward ng

The sustainable design concentration allows the student a better in-depth understanding of design issues related to the topical concern of sustainable and environmental design in architecture.

Requirements

design studio
- Thesis

electives
- arch 5701a; arch 5701b; arch 5701c; arch 6701; arch 6702

requirements
- electives: 6 units;
- studios: 6-unit M1 studio or 16-unit thesis with urban design as focus

Urban Design
Coordinator: hendrik tieben

Students in this concentration area can take advantage of the School’s unique location in Hong Kong and the Pearl River Delta for in-depth studies of contemporary urban issues related to rapid urban transformation and high density living. Studios and seminars explore new emerging urban forms and the underlying processes of their creation. The focus in this concentration area shifts from the design of objects to places. Summer Schools give opportunities to learn in international teams and experience a broader range of urban conditions.

Requirements

design studios
- G9 visions for macau-zhuhai’s water space;
- G10 km² mega block;
- G11 sustainable neighborhood for urban china tomorrow; Thesis

requirements
- electives: 6 units;
- studios: 6-unit M1 studio or 16-unit thesis with urban design as focus
The aim of the course is to acquaint students with theoretical and practical conditions needed for the creating of experimental cross-fabrication(s) between geometry and materials as well as the understanding of scale within architecture. The study and work will be a crossover between architecture and art with a high concentration on the developmental nature of experimentation and details. While, the project process will emphasize the analog as much as the digital, along with a methodological design approach, between context and technique that is implicit in the process of design and integration of site. Students will be asked to develop investigative design methodologies with potential prototyping capabilities.

Concurrently, projects will explore the rigorous design methodologies and trace the developments of complex and dynamic forms in the context of their structural feasibility.

**REQUIRED COURSE**

**Advanced Structures and Construction**

This course studies structure, building envelope systems, and materials and methods of construction. In addition, there is a focus on building technology in hi-rise architecture. In this regard, the structural design for lateral forces is emphasized. Case studies will be used to illustrate the building systems and contribute to an understanding of the relationships between constructed form and design intention.

**ELECTIVE**

**Advanced Professional Practice Issues**

This course aims to provide students an exchange platform with leading professionals to explore and understand topical issues and important aspects in professional practice. Students will have the opportunity to experience the reality of working environment into which they will merge upon graduation. Students will study select and research on topical issues, in order to further develop their understanding and appreciation of important professional values.

**Digital Architectures**

The aim of this course is for students to become eloquent in using parametric architectural design techniques. Students will explore ideas, analyze data, present and communicate design concepts visually by using the Grasshopper plugin for Rhino. Students will gain a broad knowledge of architectural design computing instruments and techniques.
Flying is one of the most persistent human imaginations. This MArch Studio explores the idea of flying both as an intellectual conception, and as an aesthetic project, through a range of investigations from Leonardo Da Vinci’s flying machines to Google Earth’s flight simulation. The aviation experience of humanity captures a tremendous achievement, and gives us a powerful sense of overcoming distances, achieving “air superiority” in wars, and attaining sights through “bird’s eye view”.

As Hong Kong relocated its airport from Kai Tak to Chep Lak Kok, the vacant airport at Kai Tak has now been at the center of Hong Kong’s property and business speculation – proposals inevitably involve high-end residential developments and a cruise terminal. Here we would like to take this chance to imagine a place dedicated to the memory and exploration of flying, to human interests instead of to money.

Hong Kong has established one of the most advanced and efficient transport networks in the world, which is currently undergoing a major expansion, with the addition of several new lines and stations. The aim of this studio is to reframe transport and its hubs from their purely functional qualities and re-discover their quality as place of encounter and spatial experience as well as their generative potential as cultural stimuli within the existing city fabric.

The studio will be based on the notion of movement in cities as a fundamental form of cultural production and exchange. On an urban scale, students will be asked to conceptualize the newly-created linkages in regard to their cultural potential, and on an architectural scale, propose designs, which offer architectural quality and at the same time activate potentials, which are embedded in the city fabric, the spatial practices, and the history of the places investigated.

The course explores how the ephemeral side of urban space can be captured and described and how this observation can deliver conclusions revealing new significances and provoking re-interpretations of the city. It introduces cultural theory on movement in space and spaces of transience, and develops composite mapping as a principal technique of investigation on sociocultural phenomena in urban space. The outcome of the studio will be based on both theoretical formulation and mapped empirical data.

What are design ideas? This course provides a platform for reflection on design ideas, as well as for students’ assessment of their own design ideas being tested out in studios. The course considers processes and idea-based design traditions, formulates three different levels of ideas: simple, critical, and reflexive, and examines techniques (techne) without which design ideas cannot exist. Students will reflect on their own studio design critically, aiming to strengthen ideas and achieve better studio results.

The aim of the course is to strengthen space perception, observation and discovery of issues with audio-visual media as tool. It offers an introduction to history and theory of film and to video in relation to space perception. Different examples of movies and experimental films will be screened and discussed in regard to the way the represent space and city. Students will learn basic techniques of scripting, filming and editing and will produce their own short films.

ELECTIVE

Transitional Space
arch 5301a esther lorenz t1

Idea-based Architectural Design
arch 5301b li shiqiao t2

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War Memorial and at Parliament House in Canberra. Jon has undertaken numerous public commissions, including most recently at St Mary School, Karrinyup, and the Gateway to the City of Bunbury. He is currently an endowed as a Lecturer in the School of Architecture & Fine Arts, University of WA, and has completed a Masters degree in Architecture through the RMIT, Melbourne.

Workshop by Jon Tarry

Jon Tarry is an artist who works with paint and sculptural constructions in three dimensional forms associated with the spaces and forms of air travel. He has exhibited extensively throughout Australia and internationally. His work is held in collections including the Private Collection Chrysler Building New York, the University of Arizona, Fort Teller Barcelona, Artbank Sydney, the Kerry Stokes Collection, the Holmes A Court Collection, Weizman’s, the Australian
The focus of West Kowloon Cultural District is about the hardware of cultural facilities whereby urban connectivity and waterfront public spaces are being subsidiary. In addressing the artistic goals, there are uncertainties of whether the programs within the cultural facilities are meeting specific needs or public spaces are fulfilling public expectations. As the complexity of arriving consents in the architectural design and cultural planning includes a multitude of considerations from understanding to interpretation, the studio is aiming at exploring architectural and urban design alternatives via a thorough investigation from operation to transformation of the contemporary public cultural spaces within the existing cultural district in Tsim Sha Tsui to arrive at both practical and imaginative public cultural spaces for Hong Kong.

The memory of a city is often carried in its building fabrics. Over time, the city changes, the buildings change. In this movement, buildings might be kept accidentally or on purpose, and again over time, individual buildings may carry different meanings, or layers of meanings. This studio requires critical interpretation of historic buildings and approaches to design new buildings alongside these historic structures. There are thousands of good examples of such approach around the world, the best of the historic interventions and insertions are those who respect, re-interpret the historic buildings and created new additions to complement, contrast and suggest new spatiality and historicity. The site selected for the studio would allow different scopes for interpretations. The studio therefore builds on the premise that intervention within and around historic buildings can be the locomotive for cultural and social regeneration and creation.

In an increasing pace, governments, NGOs and a new generation of social investors are adopting ‘Philanthrocapitalism’ to reshape the way they ‘give’ for the betterment of the environment. This research and design studio will examine the intersections of Architecture and The Social, by understanding contemporary strategies in the formulation of spaces of Charity.

We will first study communities that have played a key role in determining new networks of Charity, then the studio will examine historic and new values of the material and sustainability research of the notion of ‘Glass’. The final project will culminate in a design of a façade prototype for a ‘Glass Commune’, that combines hybrid programs to accentuate the research of ‘giving’ into formal and spatial strategies. The design of the building will allow the ‘giver’ and ‘receiver’ to exchange, and experiment with new social relations and an emerging aesthetic of space and experience.

The course investigates the method of space organization in both painting and architecture. Instead of restricting knowledge to doctrine of Modern Architecture, the course take a fresh look with intention of establishing a body of knowledge concerning issues as listed: fundamentals of space concept, spatial organization in architecture, operation and perception, realization of space concept, materiality, and construction.

The programme asks students to design a ‘house’ that must address the logistics of everyday living but the space(s) will be named by the owner’s pre-occupations and dreams. This is a dwelling that addresses both the mundane and the extraordinary and will act as a springboard for the more strategic agenda. The issue of land availability and space will be central to the strategic development of the programme which will look at designing for the communities of the future. Hong Kong has developed housing typologies that are a product of uniquely high densities and economic return. Both the restriction on space and its usage now begin to question the existing models and their appropriateness for the future. Creating a balance between the practical and the poetic, the real and the unreal this project should push the boundaries of all possibilities.
The course is an introductory course in urban design and planning for graduate architecture majors. The course introduces cities as economic and social places and also covers a brief survey of urban forms, contemporary discourses and by training research methods and possibility to sustainable planning for graduate architecture majors. This course is an introductory course in urban design and planning for graduate architecture majors. The course introduces cities as economic and social places and also covers a brief survey of urban forms, contemporary discourses and by training research methods and possibility to sustainable planning for graduate architecture majors.
This course is the second part of the professional practice and management curriculum. It provides fundamental understanding knowledge of professional practice in line with the HKIA professional practice examination requirements. The course covers principles on: professionalism; architect/client agreement; code of professional conduct; contract and building contracts; project management. Comparisons will also be drawn between professional practices in Hong Kong and mainland China.

Thesis Project

Thesis Advisors Areas of Interest

wallace chang
Urban conservation; community building; sustainable planning; vernacular architecture

yu-ting
Transformable, flexible, transportable, dismountable, and temporary buildings; building system and method, emphasis on modularity, repetition and variation; role of material, component and structure, design study of space types, methods of spatial and formal organization, public housing in Hong Kong, transformation of old into new

ho pui-yung
Interaction between architecture and culture and the resulting architectural forms; architectural solutions that address cultural / societal issues

maggie hui
Spatial design where the interaction of people and their immediate space is importantly considered; the nature of space used as a method to read architectural settlements; how intangible qualities of a place produced by culture, society and history help shaping house form, spatial layout as well as site settlement pattern

edward ng
Environmental and sustainable design to improve living quality for people

REQUID COURSE
Professional Practice and Management
arch 5510

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Sustainable and Environmental Design

The Programmes
Green and sustainable architectural design is a major concern of architects, engineers, government and developers in the world. Climatic responsive architecture requires less energy and fewer resources to run. They also provide a natural, economical and comfortable environment for its occupants.

The MSc (Sustainable and Environmental Design) Programmes at CUHK are designed for architects, engineers, surveyors, developers, contractors and professionals of the construction and building industry. The Programmes intend to bring together the theory and practice of the subject through lectures, tutorials, design projects and research dissertations.

Teaching
The Programmes are taught by a group of eminent international teachers from around the world, some example members of the teaching team are:

- Prof Dean Hawkes, Cambridge University & Cardiff University, UK
- Prof Baruch Givoni, University California Los Angeles, USA
- Prof Brenda Vale, University of Auckland, New Zealand
- Prof Lutz Katzschner, Kassel University, Germany
- Prof Ray Cole, University of British Columbia, Canada
- Prof Edward Ng (Programme Director), Chinese University of Hong Kong

Learning
University semesters start at the beginning of September and finish at the end of May. There is a winter break of 1 month in December. All lecture courses are delivered in “block modules”, that is to say, each of the courses is given intensively over 2 weekends and a mid-week evening. The medium of instruction, all notes, assignments and projects are in English. Proficiency in English, both spoken and written, is a pre-requisite. The programme could be taken Full Time or Part Time.

The Full Time programme (1 year) is suitable for professionals wishing to complete the course quickly and who could take a year off their work. Full time students will be based in Hong Kong. They typically take 4 teaching (lecture) courses a semester, as well as spending time on their own design projects and independent studies.

The Part Time programme (2 years) is suitable for working professionals who could only attend the courses amidst their normal working schedules, and/or are based in China. Part time students, based in Hong Kong or in China, are required to come to the University to receive their teaching (lecture) courses (up to 4 times a year and 10 days per trip). After the teaching, they will need to complete their assignments, design projects and dissertations remotely and with Internet contacts with their teachers.

Upon completion of the Programme, students will have the knowledge to improve the environmental design of buildings and cities. They will have a better understanding of the fundamentals of sustainable and environmental design, and how they could be achieved in their works. They will also be able to draw on a wider base of expertise, knowledge, and friendship with others in the field.

For more information, please visit the programme website www.sustain-cuhk.info
Wind flow in urban places is important for pollutant dispersion and maintaining pedestrian level thermal comfort. The wind speed within the urban canopy, however, is much decreased. In my study, I will use Computational Fluid Dynamics to study the impact of different urban geometries on the urban wind environment and propose useful urban planning guidelines based on the simulation results.

Investigation of Internal Flow with Application to Airborne Infectious Disease in the Medical Environment

The project aims to develop an in-depth scientific exploration, including medicine, fluid engineering, building services and architecture, to collect on-site data on existing patient ward facility with clinical equipment in a real world setting. The study provides additional information on how the air travels in the three dimensional space of the patient ward. This contributes the understanding on the risk of hospital acquired infection via aerosol transmission.

Applications of A New Advanced Urban Climate Model on Hoat Island for High Density Cities – A Pilot Study in Hong Kong

By reviewing important researches in technology and mechanism improvement, and analyzing existing urban climate models, parameters, such as wind and vegetations, incompatible calculation and assumptions need to be recognized. Thus, considering the real geographical environment and urban climate variation, this study introduces a new advanced model which incorporates the precise wind data and the specific vegetation information. It will be applied to high density cities, with Hong Kong as the pilot study.

Changes in urban climate has received much attention as they affect the living quality of urban dwellers. However, the lack of information on the changing urban climate leads to insufficient consideration in urban planning and design. The study uses statistical downscaling to obtain local weather information from global circulation model outputs. Planning recommendations will be provided for urban planners and designers to create a better urban environment.

Contesting British Imperialism in Colonial Modern Architecture

The research explores British architectural patronage and political movement for independence of British colonies. Whilst classical architecture was perceived as appropriate indication of imperial character, indigenous structures were understood as inferior. In between the World Wars, however, a "modern style" evolved, both in and outside Great Britain. The 1938 Empire Exhibition was "uniformly and dramatically Art Deco"; modernism was approached decoratively yet portraying the empire as essentially peaceful. As negotiation between tradition and modernity had been marketed and developed by British Art Deco, such reactions against imperialism is examined.

Statistical downscaling of climate change scenarios and its application in urban planning and design

The urban spaces of Ningbo within 1840-1940, under the call of modernization, will be examined. Focusing on the idea of progress and the building of the concept of "public", discussion of the dynamics of production and representation between old and new building form would view the city from a new angle.

The Direction System in Mini Architecture, Han dynasty

Han dynasty is one of the most important periods when traditional architecture took a great cultural turn in forms. The recovery and study of material evidence remaining in Han dynasty, such as graves, buildings, tools, and pottery, especially the mini architecture and paintings in tombs, show great differences from Tang dynasty. The study will focus on the changes of the direction system and try to explore its mechanism that influence the layout and architectural forms.

Assessment method of Green Architectural in Rural China

The amount of building construction in rural China is huge and increasing rapidly. Recently, three traditional construction model and lifestyle were impacted by New Countryside Construction and Post-quake Reconstruction. But conventional urban construction model is not a sustainable solution for rural area nor the typical environmental assessment method. This study will investigate the key point of sustainable vernacular architecture in rural area to establish a system of assessment method suitable for rural China.

The design of a low-cost but high performance prefabricated construction system with light gauge steels structures

This system is developed from the light gauge steel system of Japan and its infilled panels play important roles in structural stability. It has continuous thermal insulations with large thermal capacity materials. Its performance of interior environment would be much better than the others with much the same costs.

Thermal Adaptation Study in the Residential Buildings in the Hot-summer and Cold-winter Zone of China

The proposed research tries to understand how local residents achieve their adaptive thermal comfort in the housing environment corresponding to severe climatic condition in the hot-summer and cold-winter zone of China.

Social Mobility and Built Environment: A Comparative Study of Three Villages in South Fujian, China

In this study, I am attempting to trace the transformation in the trend of the built environment in rural southeastern China by examining the social factors of the community. Three villages with different social mobility types and different degrees of social differentiation will be studied in order to conduct a comparative study. In addition to architectural documents, an interdisciplinary methodology, including a sociological analytical framework, interpretation of local historical documents, and anthropological investigation methods, will be employed.
Scholarship 2009-10

Scholarships *

AIA HK Scholaristic Award
Clifford Wong Prize in Housing Design
Cornerstone Training Programme , USA
CUAAA Award
DLN Awards 2010

Fontainebleau Scholarship
Formica Scholarship
HKSA Student Award
L&O Travel Scholarship for Design Innovation
Wong Tung & Partners Scholarship
HK Housing Society Academy Award
HKSA Sustainable Architecture Student Scholarship 2010

The RIBA President’s Medals Student Awards
Temasek Foundation - Nanyang Technological University Leadership Enrichment and Regional Networking Award
The Best Studio Work Award

Recipient of Award
under selection
Kung Yick Ho Alvin
Lee Man Ying
Lau Tak Tai
Law Chun Wai Justin
Wong Chui Kwan
Zhan Yu Zhen
Li Kwan Ho Fella
Mok Shui Wa Charis
Chen Yue
Jiang Boyuan
Sun Yitan
Wong Wai Hou
Li Chong Yan Tommy (nominated)
Wong Kei Fung
Kung Long Ming
Law Chun Wai Justin (nominated)
Lam Wai Ying
Law Chun Wai Justin
Lee Tsz Ping Tep
Sun Yitan
Wong Kei Fung
Lam Yan Yu Ian
Ip Wilton Hugh
Li Chong Yan Tommy
Wong Ho Man Francis
Lee Nga Ting
Moi Kar Him Kelvin
Ho Chun Wang Steven
Kung Yick Ho Alvin
Wong Kar Hang
Mok Shui Wa Charis

Eligibility
Year 3
MArch 2
Year 2 - MArch 1
MArch 1
Year 3 + MArch 2
Year 2 + MArch 1
Year 1 - 3
MArch 2
Year 2
MArch 2
Year 2 or above
MArch 2
Year 2 or above
MArch 2
Year 2 or above
All Years

Exchange Programme *

Ecole d’Architecture de Paris-Belleville
Graz University of Technology

L’Universite Jean Moulin Lyon 3
University of Applied Science, Stuttgart

University of Dundee

Outgoing

Ling Fung (MArch 1)
Leung Kwan Yin (MArch 1)
Lu Qing (March 1)
Sun Yitan (Year 3)
Au Sin Man (Year 2)
Chan Kin Wang (Year 2)
Chan Yi Sa (Year 3)

Incoming

Brahim Kanoute (Year 4)
Patrick Colin Alan Reynolds (Year 5)
Ivan Stanivuk (Year 4)
Jens Tobias Mager (Year 3)
Carmen Stirmlinger (Year 3)

* Please refer to school of architecture website for application details

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L&O travel scholarship for design innovation exhibition
HKSA Student Award exhibition
CUAAA award exhibition
Inauguration of new CUHK Environment, Shatin
Summer Activities 2010

Joint Tokyo Urban Workshop
Thomas Chung, Maggie Hui 31 May - 5 Jun 10
Collaborating with the Tokyo University of the Arts and Keio University, Tokyo, this joint workshop investigated typical modes of urban inhabitation in contemporary Tokyo. Using the Kanda district as a context, students in mixed groups conducted intensive mapping, analysing and intervening exercises that explored the everyday re-making of urban spaces while engaging salient phenomena and issues such as improvised inhabitation, diversity in street life, tactics in micro-public spaces, city imaging and urban memory.

Joint International Schools Summer Urban Workshop
Arch 5701a Laurence Law 5-30 Jun 10
Learning from China's urbanization starting in unknown south Beijing, PROJECTIVE GLOBALLY. Our international workshop attempts to define what urban criteria and questions today’s contemporary city requires for the architectural discipline to be able to again participate in the conceptualization, instrumental production and critical engagement with public stakeholders. Students’ research developed 5 strategic arguments and prototypes at different urban scales.

Advanced Architecture Studio
Arch 5701c Marc Aurel Schnabel 28 Jun - 30 Jul 10
With the master students from Sydney and Shenzhen, this research-led studio challenged computational and technology aspects with urban and architectural design positions. The studio explores the notion of non-conformity as its core process of designing of spatial concepts and urban configurations.

IFoU Summer School 2010
Arch 5701b Hendrik Tieben, Esther Lorenz 2-16 Jul 10
The IFoU Summer School brings students and tutors from different cultural backgrounds to rediscover the role of urban design in metropolitan regions. This year's summer school “Learning from Beijing” focused on the rapidly transforming south-east part of the Chinese capital. Participating teams came from Universities in Australia, Korea, Mainland China, Hong Kong, Netherlands, and Spain.

Tianjin University Design Exchange 2010
Marc Aurel Schnabel 12-18 Jul 10
Hosted by the Tianjin University School of Architecture, the exchange established links with students of architecture, urban planning and landscape from various parts of China and Hong Kong. Various lectures, seminars, site visits and design charrettes created educational exchanges.

Tibetan Architecture Measured Drawing Fieldtrip
Maggie Hui 13-30 Jul 10
This trip forms part of the field data gathering for a Direct Grant research project on Central Tibetan Temple Architecture. Two temples at Kyirong which is near the Tibet/Nepal border were measured. Along with the works, historical settlements such as Lhasa, Shigatse and Gyantse were introduced, as well as some important Tibetan Architectural monuments.

Construction of Light Weight Structure System
Zhu Jingxiang, Nelson Tam 15-30 Jul 10
Through the construction of a 260 sqm New Bud Study Hall in Sichuan, students gain practical experience on assembly of prefabricated system and knowledge of lightweight construction. Lectures with design topics are given on site.

Village Rebuild Demonstration Project in Sichuan
Edward Ng 6-12 Aug 10
An earthquake in 2008 brought severe damage to a remote Maan Qiao village in the southern part of Liangshan State in Sichuan. Since 2008, Wu Zhi Qiao has already mobilised University student teams to undertake a village rebuild demonstration project there, assisted villagers in building a bridge and rebuilding eco village houses as well as building a Community Centre.

WZQ bridge building programme in Paomaping Town, Yunnan
Edward Ng 13-21 Aug 10
In a remote Yi ethnic minority village in Paomaping Town, Lijiang City, Yunnan, students cannot cross the river to go to school up to 3 days per week during the rainy season. Therefore, the Wu Zhi Qiao teams from University of Illinois at Urbana-Champaign and Chongqing University are planning to build a safe footbridge for the villagers and students.

Website: www.bridge2china.org
Location