

**SYLLABUSES FOR THE DEGREE OF  
BACHELOR OF ARTS IN CONSERVATION  
[BA(Conservation)]**

*These syllabuses are applicable to candidates admitted under the 4-year ‘2012 curriculum’ to the first year of the Bachelor of Arts in Conservation in 2012-13.*

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The objective of the Bachelor of Arts in Conservation is to have students understand the complex and multi-disciplinary nature of architectural conservation in a progressive manner, starting from single buildings, to streets and districts and culminating in the wider physical and social contexts. By this means, students will be well prepared with a broad-based pedagogical grounding for specialized postgraduate professional studies in conservation and related disciplines.

Students entering the 4-year Bachelor of Arts in Conservation curriculum in the academic year 2012-13 will take 240 credits, comprising a professional core of 150 credits (including 126 credits of core courses and 24 credits of Faculty Foundation courses), 12 credits of English language enhancement, 6 credits of Chinese language enhancement, 36 credits of Common Core courses and 36 credits of elective courses.

The syllabuses of the Bachelor of Arts in Conservation consist of the following requirements:

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**UNIVERSITY REQUIREMENTS**

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54 credits of compulsory University requirements which must be completed successfully:

(i) One 6-credit course in Core University English <sup>1</sup> ; one 6-credit course in English Language Enhancement; and one 6-credit course in Chinese Language Enhancement <sup>2</sup>	18 credits
(ii) 36 credits of courses in the Common Core Curriculum, comprising at least one and not more than two courses from each Area of Inquiry with not more than 24 credits of courses being selected within one academic year except where candidates are required to make up for failed credits.	36 credits

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<sup>1</sup> Candidates who have achieved Level 5\*\* in English Language in the Hong Kong Diploma of Secondary Education Examination, or equivalent, may at the discretion of the Faculty be exempted from this requirement and should take an elective course in lieu, see UG6 of the Regulations for First Degree Curricula.

<sup>2</sup> Students are required to successfully complete the 6-credit Faculty-specific Chinese language enhancement course, except for:

- (a) Putonghua-speaking students who should take CUND9002 (Practical Chinese and Hong Kong Society) or CUND9003 (Cantonese for Non-Cantonese Speaking Students); and
- (b) students who have not studied Chinese language during their secondary education or who have not attained the requisite level of competence in the Chinese language to take the Chinese language enhancement course should write to the Faculty Office to apply to be exempted from the Chinese language requirement, and (i) to take a 6-credit Cantonese or Putonghua language courses offered by the School of Chinese, especially for international and exchange students; OR (ii) to take an elective course in lieu.

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## **FACULTY REQUIREMENTS**

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24 credits of compulsory Faculty requirements which must be completed successfully:

(i) Four 6-credit Faculty Foundation courses - Introduction to Building Technology - Visual Culture - Housing and Cities - Sustainability and the Built Environment	24 credits
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## **PROFESSIONAL CORE OF CONSERVATION**

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The Bachelor of Arts in Conservation consists of four different types of courses which are taught using distinctive learning modes. The BA(Conservation) curriculum uses 180 hours of student learning activity (including both contact hours and all other forms of student learning activity) as the norm for 6-credit courses.

### **Conservation History and Theory Courses**

(6 credits each, approximately 180 hours of student learning activities per course)

Collectively these courses demonstrate the multifaceted nature of the conservation field through the study and analysis of a broad range of conservation theories and activities, as they have developed over time. These courses are the framework for the curriculum, providing a solid foundation for understanding the field of conservation. Teaching is conducted in lectures / workshops / review sessions (24-36 contact hours per course) and the coursework includes the reading of critical texts, case studies, site visits, research and the preparation of assignments, essays and reports. Work is regularly presented and discussed in critical review sessions. The courses are assessed through 100% continuous coursework assessment by various methods including notebooks, presentations, projects, reports, short essays and quizzes.

CONS1001 Introduction to Conservation	(6 credits)
CONS2004 History of Urban Hong Kong and its Built Heritage	(6 credits)
CONS3005 Interpretation of Heritage Places	(6 credits)
CONS4003 Conservation and Society	(6 credits)

### **Studio Courses**

(either 6 or 12 credits each, requiring approximately either 180 hours or 360 hours of student learning activities per course)

Each studio course is one semester in length.

These studio courses engage students through a range of conservation related design exercises addressing core and associated issues essential to the training of a conservationist. The studio projects provide opportunities to apply key conservation theories learned in concurrent courses. A progressive learning approach is adopted, where the study sites begin on the micro scale, with an individual building or structure,

and advance to more complex and larger projects, ultimately looking at an urban or rural area as a whole.

Teaching is conducted in lectures / workshops / review sessions (total of 96 contact hours of student learning activities), and involves working on projects in both individual and group formats. Work is regularly presented and discussed in critical review sessions. Field studies and site visits are required. The courses are assessed on the portfolio of project work produced, as well as contributions to discussion and activities in the studio sessions.

Assessment is by 100% continuous assessment of diagrams, drawings, photos, posters, presentations, renderings and write-ups.

CONS2003 Conservation Studio: Reading Heritage Buildings	(12 credits)
CONS3002 Conservation Studio: Pre-Construction Stage of Adaptive Reuse Projects (Prerequisite: CONS2003 Conservation Studio: Reading Heritage Buildings)	(6 credits)
CONS3004 Conservation Studio: Construction and Post-Construction Stages of Adaptive Reuse Projects (Prerequisite: CONS3002 Conservation Studio: Pre-Construction Stage of Adaptive Reuse Projects)	(6 credits)
CONS4004 Area Conservation Studio (Prerequisite: CONS3004 Conservation Studio: Construction and Post-Construction Stages of Adaptive Reuse Projects)	(12 credits)

### **Conservation Technical Courses**

(6 credits each, approximately 180 hours of student learning activities per course)

These courses explore building structures, materials and finishes, investigating their repair and maintenance, and include key technical concepts and knowledge that underpin conservation work. Course content directly relates to projects undertaken in the conservation studios. Teaching is conducted in lectures / laboratory workshops / review sessions (24-36 contact hours per course), and activities include site visits, case studies, laboratory experiments, practical demonstrations, detailed conservation related design exercises and the preparation of assignments and reports. The courses are assessed through 100% continuous coursework assessment by various methods including assignments, integrated coursework, group projects, lab work, presentations and quizzes.

CONS2005 Conservation Technology 1: Building Structures, Materials and Finishes	(6 credits)
CONS3003 Conservation Technology 2: Why Buildings Fall Down: Repair, Maintenance and Management of Heritage Buildings (Prerequisite: CONS2005 Conservation Technology 1: Building Structures, Materials and Finishes)	(6 credits)
CONS4002 Conservation Laboratory: Conservation Science (Prerequisite: CONS3003 Conservation Technology 2: Why Buildings Fall Down: Repair, Maintenance and Management of Heritage Buildings)	(6 credits)
CONS4005 Conservation Internship: Practical Training Placement	(6 credits)

## **Research Course**

(6 credits, requiring approximately 180 hours of student learning activities)

The compulsory research course is a capstone experience involving a taught thesis that results in a clear, well-researched, textual and graphic presentation of a student's philosophical and technical understanding of a particular aspect of conservation. It is designed as a means for students to summarize their learning from the previous three and a half years and pursue a specific facet of conservation, which is presented in thesis form. The course is assessed through 100% continuous coursework assessment by various methods including research reporting, progress presentations and the final report submission.

CONS4001 Conservation Research Thesis (6 credits)  
(Prerequisite: CONS3004 Conservation Studio:  
Construction and Post-Construction Stages of Adaptive Reuse Projects)

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## **ELECTIVE COURSES**

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(6 credits each, approximately 120-180 hours of student learning activities per course)

The BA(Conservation) curriculum requires that BA(Conservation) students complete elective courses totalling 36 credits. Guidance will be provided by Programme Staff to ensure appropriate elective selection.

In lieu of one elective course, students can also do either an independent field study or an independent research project, on a topic of their interest, with approval from the Programme Director. These courses are assessed through 100% continuous coursework assessment by various methods including research reporting, progress presentations and the final report submission.

CONS4006 Conservation Independent Research (6 credits)  
CONS4007 Cities and Urban Development (6 credits)  
CONS4008 Conservation Field School (6 credits)

## **First Year of Study**

### **[First Semester courses]**

- ARCH1028 Sustainability and the Built Environment (6 credits)
- ARCH1027 Visual Culture (6 credits)
- CONS1001 Introduction to Conservation (6 credits)
  
- CAES1000 Core University English (6 credits)
  
- Common Core course (6 credits)

### **[Second Semester courses]**

- RECO1200 Housing and Cities (6 credits)
- RECO1201 Introduction to Building Technology (6 credits)
  
- CEUC9001 Practical Chinese for Surveying, Urban Studies and Conservation Students (6 credits)
  
- 2 Common Core courses (12 credits)

## **Second Year of Study**

### **[First Semester courses]**

- CONS2004 History of Urban Hong Kong and its Built Heritage (6 credits)
- RECO2028 Planning and Development (6 credits)
- GEOG2056 Tourism and the Shrinking World (6 credits)
  
- 2 Common Core courses (12 credits)

### **[Second Semester courses]**

- CONS2003 Conservation Studio  
Reading Heritage Buildings (12 credits)
- CONS2005 Conservation Technology 1 (6 credits)
  
- CAES9121 Communication Course for Real Estate & Built Environment Students (6 credits)
  
- Common Core course (6 credits)

## **Third Year of Study**

### **[First Semester courses]**

- CONS3005 Interpretation of Heritage Places (6 credits)
- CONS3002 Conservation Studio  
Pre-Construction Stage of Adaptive Reuse Projects (6 credits)
- ARCH3058 Architectural History and Theory 2 (6 credits)
  
- Electives (12 credits)

**[Second Semester courses]**

- CONS3003 Conservation Technology 2 (6 credits)
- CONS3004 Conservation Studio (6 credits)  
Construction and Post-Construction Stages of Adaptive Reuse Projects
- ARCH3062 Architectural History and Theory 3 (6 credits)
- RECO2029 Land Economics (6 credits)
  
- Elective (6 credits)

**Final Year of Study**

**[First Semester courses]**

- CONS4001 Conservation Research Thesis (6 credits)
- CONS4003 Conservation and Society (6 credits)
- CONS4005 Conservation Internship (6 credits)
  
- Electives (12 credits)

**[Second Semester courses]**

- CONS4002 Conservation Laboratory (6 credits)
- CONS4004 Area Conservation Studio (12 credits)
- RECO4004 Economics of Property Rights (6 credits)
  
- Elective (6 credits)

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## Course Offerings for Minors in Conservation

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Students of other degree programmes intending to minor in Conservation must complete the prerequisite course CONS1001 *Introduction to Conservation* (6 credits) and a minimum of 30 credits of introductory and advanced core courses of the BA(Conservation) curriculum, as specified in the syllabuses (excluding the advanced Conservation Studio courses CONS3002, CONS3004 and CONS4004 as well as CONS4001 *Conservation Research Thesis* and CONS4005 *Conservation Internship*, which are open to Conservation Majors only).

The 36-credit Minor in Conservation is open to students of other degree curricula and comprises the following:

1. The prerequisite course CONS1001 *Introduction to Conservation* (6 credits);
2. At most, two additional introductory core courses (12 credits or a maximum of 18 credits, if CONS2003 is taken);
3. At least three advanced core courses (minimum 12 credits (if CONS2003 is taken) or 18 credits); and
4. At least four of the six courses must be Conservation courses (with the course code CONS)

The course list is as follows:

### Prerequisite course (6 credits)

CONS1001 Introduction to Conservation (6 credits)

### Introductory core courses (12 credits or a maximum of 18 credits)

#### Year-2

CONS2003 Conservation Studio (12 credits)

Reading Heritage Buildings

CONS2004 History of Urban Hong Kong and its Built Heritage (6 credits)

CONS2005 Conservation Technology 1: (6 credits)

Building Structures, Materials and Finishes

RECO2028 Planning and Development (6 credits)

RECO2029 Land Economics (6 credits)

EITHER GEOG2056 Tourism and the Shrinking World (6 credits)

OR SOCI2055 A Cultural Study of Tourism and Tourists (6 credits)

### Advanced core courses (minimum of 12 credits or 18 credits)

#### Year-3

CONS3003 Conservation Technology 2: Why Buildings Fall Down: (6 credits)

Repair, Maintenance and Management of Heritage Buildings  
(Prerequisite: CONS2005 Conservation Technology 1:  
Building Structures, Materials and Finishes)

- CONS3005 Interpretation of Heritage Places (6 credits)  
ARCH3058 Architectural History and Theory 2: Global Perspectives I (6 credits)  
ARCH3062 Architectural History and Theory 3: Global Perspectives II (6 credits)

Year-4

- CONS4002 Conservation Laboratory: Conservation Science (6 credits)  
(Prerequisite: CONS3003 Conservation Technology 2:  
Why Buildings Fall Down: Repair, Maintenance and Management  
of Heritage Buildings)  
CONS4003 Conservation and Society (6 credits)

Please note there are 12 elective places available per CONS course, per year.

Double counting of credits is not permissible for a Minor in Conservation. When a course is used to satisfy the requirements of another curriculum or programme, it shall not be counted towards the fulfilment of the requirements for this minor. You must take a replacement course in lieu.



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## **COURSE DESCRIPTIONS**

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### **Year 1**

#### **Semester 1 Courses**

##### **ARCH1028 Sustainability and the Built Environment (6 credits)**

The course examines the broad range of issues confronting mankind's search for a sustainable future, such as: population & urbanization; transportation & logistics; technology & mobility; water; waste; energy; food; (natural) disasters; and community & governance. Through the perspective of contemporary and historical case studies students explore how people, in their visions of the future, have sought to perfect built environments as the setting for model communities.

The ideas raised in the lectures, reinforced through weekly readings and weekly tutorial sessions, are brought together at the end of the course with an intensive workshop, in which students look to define their own vision of a sustainable community. This course is intended to inspire thinking about the way we should construct our living environments in future, in order to find a sustainable balance.

Assessment: 100% continuous coursework assessment

##### **ARCH1027 Visual Culture (6 credits)**

This course introduces students to visual literacy and visual thinking. Critical thinking, visual analysis and reflection on personal experience will be emphasized. Students will develop creative observations through taxonomies of visual grammars; and understand their active participation as both consumer and producer in the world of visual culture. Students will explore a broad introduction to art history and visual culture, introducing key themes, figures, and movements.

Assessment: 100% continuous coursework assessment

##### **CONS1001 Introduction to Conservation (6 credits)**

The purpose of conservation is to retain the values of a heritage place while extending its physical life. This course introduces the principles and practices of the heritage conservation field, including an introduction to the history and development of the field from its beginnings to today. The conservation process is explored, including the identification of heritage values and character-defining elements as well as the various conservation treatments. An overview of best practices contained in heritage charters, conventions, recommendations and declarations is also addressed. Attention is given to the World Heritage Convention, the World Heritage List and the evolving concepts of authenticity and integrity.

Assessment: 100% continuous coursework assessment

### **CAES1000 Core University English (6 credits)**

The Core University English (CUE) course aims to enhance first-year students' academic English language proficiency in the university context. CUE focuses on developing students' academic English language skills for the Common Core Curriculum. These include the language skills needed to understand and produce spoken and written academic texts, express academic ideas and concepts clearly and in a well-structured manner and search for and use academic sources of information in their writing and speaking. Students will also complete four online-learning modules through the Moodle platform on academic grammar, academic vocabulary, citation and referencing skills and understanding and avoiding plagiarism. This course will help students to participate more effectively in their first-year university studies in English, thereby enriching their first-year experience.

Assessment: 60% continuous coursework assessment and 40% examination

### **Common Core course (6 credits)**

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## **Year 1**

### **Semester 2 Courses**

#### **RECO1200 Housing and Cities (6 credits)**

The aim of this course is to develop students' abilities to identify, describe and analyze critically the role and function of cities at different stages. In addition, students will be encouraged to correlate between city formation and various elements in urban development, particularly housing issues, in an increasingly globalized context. The course is explicitly interdisciplinary, and introduces recurrent and emerging debates about housing and the role and function of cities in the 21<sup>st</sup> century together with a parallel analysis of an increasingly complex matrix of social, political and economic issues as the pace of urbanization increases. Upon completion of the course students will have an appreciation of the complexity of urban issues in an increasingly urban world, and an appreciation of one of the major functions of cities - housing people.

Assessment: 100% continuous coursework assessment

#### **RECO1201 Introduction to Building Technology (6 credits)**

This course provides the fundamental knowledge and concepts for functional design and construction of buildings. The aim of the course is to help students to explain why the building stands up, identify the function of essential elements and components of buildings, including the materials used and their installation methods.

A morphological approach will be used to explain the building elements and components. Students will learn how to read from drawings and sketches, and appreciate their practical application from site visits.

Topics will cover structural elements, building envelopes and services of buildings, including the materials and methods of their installation.

Assessment: 100% continuous coursework assessment

### **CEUC9001 Practical Chinese for Surveying, Urban Studies and Conservation Students (6 credits)**

The main objective of this course is to enhance the students' command of Chinese for the construction and surveying profession through basic training in presentation skills and in specific techniques for the preparation of target-oriented letters, proposals, plans and reports. This course also aims to develop students' ability to engage in negotiations, debates as well as critical and creative thinking. In order to promote artistic and aesthetic appreciation, thematic lectures and topical workshops on Chinese calligraphic and artistic representations will be conducted. Site visits to traditional Chinese temples, gardens and museums will be organized to provide students with opportunities to gain hands-on experiences of the inner dynamics of Chinese culture. Students will be able to acquire sophisticated Chinese language skills and knowledge of Chinese culture within the context of the discipline of construction and surveying.

Assessment: 50% continuous coursework assessment and 50% examination

### **2 Common Core courses (12 credits)**

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## **Core Courses**

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### **Year 2**

#### **Semester 1 Courses**

### **CONS2004 History of Urban Hong Kong and its Built Heritage (6 credits)**

This course provides a broad survey of Hong Kong's urban history from the 19th century to today. Within this framework, 19th and 20th century Chinese and Western architectural styles and typologies are studied, with particular focus on the colonial period, including the Guangdong vernacular tradition, Victorian and Edwardian styles and Modernism. The course is designed to help develop competence in identifying, analysing and understanding heritage buildings and structures within their setting and within their socio-economic / historical context. Classroom lectures are supplemented with field visits.

Assessment: 100% continuous coursework assessment

### **RECO2028 Planning and Development (6 credits)**

This course addresses the planning and development issues related to land and construction management in Hong Kong. It covers general aspects of the land and property development process; housing market analysis; the real estate cycle; market analysis; urban land policy analysis; the land tenure system; land supply and urban land policy; development appraisal; development controls; post development analysis; property appraisal; change of use; end of the life cycle; redevelopment; planning, land lease and building control; application and approval procedures; development potential and parameters; the construction process; introduction to procurement, contract option, and facility management.

Assessment: 20% continuous coursework assessment and 80% examination

[BA(Conservation) rationale: This course will provide the foundation for understanding urban conservation in Hong Kong.]

**Students may choose either GEOG2056 or SOCI2055, or another tourism related 6-credit course that is deemed equivalent and approved by the Programme Director.**

### **GEOG2056 Tourism and the Shrinking World (6 credits)**

This course provides a comprehensive introduction to the global tourism system in social, cultural, economic and global contexts. With a balanced coverage of the whole range of components within the tourism industry, it explores all aspects of both the private and public businesses related to tourism, such as theories, planning, environmental concerns, operations, and the interrelationships among the many tourism businesses.

[BA(Conservation) rationale: This course will provide the rationale for the broader socio-economic contexts of heritage conservation.]

Assessment: 100% continuous coursework assessment

### **SOCI2055 A cultural study of tourisms and tourists (6 credits)**

The phenomenal growth of tourism in contemporary societies is of major social and cultural significance. This course introduces students to a cultural study of tourism viewed as a complex social phenomenon connected with social and cultural dynamics. Special attention will be given to Asian and Chinese experiences, not only as guest societies, but also host societies.

[BA(Conservation) rationale: This course will provide the rationale for the broader socio-economic contexts of heritage conservation.]

Assessment: 100% coursework.

### **2 Common Core courses (12 credits)**

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## **Year 2**

### **Semester 2 Courses**

#### **CONS2003 Conservation Studio (12 credits)** **Reading Heritage Buildings**

This course is the first of three studio courses of the BA(Conservation) curriculum and explores conservation in a studio format. Beginning at the micro scale, the course focuses on individual heritage buildings and structures. Students put into practice what they have learnt in their theory courses, concentrating on recording and documenting (through measured drawings and building condition surveys) heritage buildings and structures. Field trips are required, as the major objective of the course is to develop diagnostic skills related to on-site investigation of heritage places.

Assessment: 100% continuous assessment of drawings, diagrams, photos, renderings, animations, physical models, prototypes, laboratory results and presentations

#### **CONS2005 Conservation Technology 1 (6 credits)** **Building Structures, Materials and Finishes**

This course builds upon *RECO1201 Introduction to Building Technology* taught in Year-1 and focuses on heritage building structures of both Chinese and Western architecture. This course examines traditional building materials and techniques of construction, including: earth walls, clay bricks, stone, timber, metals, ceramic tiles, lime mortars, plasters, paints and decorative finishes, as well as more modern concrete structures and synthetic finishes. The differences between hydrophilic and hydrophobic building systems and the principles of sacrificial materials are introduced. The course is a combination of lectures and field visits.

Assessment: 100% continuous coursework assessment

#### **CAES9121 Communication Course for Real Estate & Built Environment Students (6 credits)**

This English-in-the-Discipline course is designed to help students to respond effectively to the communication demands of their studio programme. The focus is on raising students' awareness of the genre of professional discourse by providing them with opportunities to enhance their linguistic range in their approach to cultural, real-estate & built environment literacy. Activities are organised through engagement in project-based discussion and written tasks designed to simulate the English Language demands on Surveying and Built Environment professionals.

The out-of-class learning component of the course will supplement the main aims by consolidating use of real estate & built environment business-related vocabulary and

further enhancing students' writing. Students will also become familiar with self-evaluation and with resources they can access to take responsibility to improve their own language skills in future.

Assessment: 100% continuous coursework assessment

### **Common Core course (6 credits)**

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## **Year 3**

### **Semester 1 Courses**

#### **CONS3005 Interpretation of Heritage Places (6 credits)**

As part of the conservation process, heritage places need to be interpreted and presented to the public in order to communicate their significance and important stories. This course introduces the principles, practices and techniques of interpretation, presentation and commemoration with a focus on how to (1) interpret the historical past, (2) effectively use a wide variety of interpretation and presentation techniques to communicate significance and important stories to a wide audience, and (3) develop an interpretation plan. Relevant heritage charters and conventions are discussed. Classroom lectures are supplemented with exercises and field studies.

Assessment: 100% continuous coursework assessment

#### **CONS3002 Conservation Studio (6 credits)**

##### **Pre-Construction Stage of Adaptive Reuse Projects**

This course is the first part of a two-part studio providing students with an understanding of the stages of adaptive reuse projects. Focusing on the pre-construction stage, small student teams are to confirm/determine the client's needs, understand the significance of the place, analyse the condition of the building, carry out conflict resolution between stakeholders and consult planning and building statutory requirements for submission, in order to produce a set of conservation guidelines. The guidelines are to inform the construction and post-construction stages of an adaptive reuse project and reflect the practical and aspirational needs of the client and relevant stakeholders. Building on the Year-2 Studio (CONS2003), students are to refine their skills in measured drawing and learn the fundamentals of 3D digital computer modelling.

With the conservation guidelines produced in this first section of the two-part studio, teams proceed to the second part in semester II with *CONS3004 Conservation Studio: Construction and Post-Construction Stages of Adaptive Reuse Projects*.

Assessment: 100% continuous assessment of case studies, in-class exercises, posters, presentations and write-ups

Prerequisite: **CONS2003 Conservation Studio: Reading Heritage Buildings**

**ARCH3058 Architectural History and Theory 2 (6 credits)**  
**Global Perspectives I**

The purpose of this course is two-fold: to introduce students to the development of major architectural ideas and a selected group of significant architectural monuments in Europe, from ancient times to the nineteenth century, and the unique aesthetic, cultural, and historical issues that frame them; and to present the main issues in the study of architecture and the various methods used to analyse and interpret buildings in various spatial and temporal contexts. Lectures and course content will emphasize key themes of cultural, economic, and political interconnectivity and their impact upon architectural production, not only within Europe, but around the world.

[BA(Conservation) rationale: This course will provide the foundation for a comprehensive understanding of the origins of heritage buildings (in particular those reflecting a Western aesthetic) found in Hong Kong and many cities in Asia.]

Assessment: 70% continuous coursework assessment and 30% examination

**Electives (12 credits)**

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**Year 3**  
**Semester 2 Courses**

**CONS3003 Conservation Technology 2 (6 credits)**  
**Why Buildings Fall Down: Repair, Maintenance and Management of Heritage Buildings**

This course builds upon *CONS2005 Conservation Technology 1* taught in Year-2. The main purpose of the course is to develop further understanding and appreciation of how natural processes, as well as inappropriate human intervention or neglect, cause buildings to deteriorate and how to prevent and repair such damage. The course includes hands-on workshops in the use of traditional building materials, as well as demonstrations by experts in advanced non-destructive survey techniques. Field studies incorporate demonstrations of “best practice” in material sampling and analysis. The practical and analytical skills taught during the course are then applied to a local heritage building to prepare professional contract documentation for refurbishment and future maintenance. The course is a combination of lectures, workshops and field studies.

Assessment: 100% continuous coursework assessment

Prerequisite: **CONS2005 Conservation Technology 1: Building Structures,**

## **Materials and Finishes**

### **CONS3004 Conservation Studio (6 credits)**

#### **Construction and Post-Construction Stages of Adaptive Reuse Projects**

This course is the second part of a two-part studio providing students with an understanding of the different stages of adaptive reuse projects. Students continue to work on the same site as in *CONS3002 Conservation Studio: Pre-Construction Stage of Adaptive Reuse Projects*, and make use of the previously established conservation guidelines to provide appropriate conservation advice on the levels of intervention, budgeting and construction programming (during the construction stage) as well as operations, management and maintenance (during the post-construction stage). Students learn to understand how to produce alternative ways of meeting a client's needs, while protecting heritage values and associated character-defining elements.

Assessment: 100% continuous assessment of case studies, in-class exercises, posters, presentations and write-ups

Prerequisite: **CONS3002 Conservation Studio: Pre-Construction Stage of Adaptive Reuse Projects**

### **ARCH3062 Architectural History and Theory 3 (6 credits)**

#### **Global Perspectives II**

The purpose of this course is two-fold: to introduce students the development of major architectural ideas and a selected group of significant architectural monuments in East, South, and Southeast Asia, from ancient times to the nineteenth century, and the unique aesthetic, social-cultural, technological and historical issues that frame them; and to present the main issues in the study of architecture and the various methods used to analyse and interpret buildings in various spatial and temporal contexts. Lectures and course content will emphasize key themes of cultural, economic, and political interconnectivity and their impact upon architectural production, not only within Asia, but around the world.

[BA(Conservation) rationale: This course will provide further foundation for a comprehensive understanding of the origins of heritage buildings (in particular those reflecting an Asian aesthetic) found in Hong Kong and many cities in Asia.]

Assessment: 100% continuous coursework assessment

### **RECO2029 Land Economics (6 credits)**

Location, trade and economic growth; the concept of rent and economic rent; producers' location decisions; urban land markets; economic regions; land as a natural resource; money and interest theory; timing problems in the land conversion process; renovation and redevelopment cycles; land stock control; government land and housing policies;



social costs and land rent dissipation.

[BA(Conservation) rationale: This course will provide a better understanding of the challenges of urban conservation in Hong Kong, as well as many other rapidly developing cities.]

Assessment: 20% continuous coursework assessment and 80% examination

### **Elective (6 credits)**

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## **Year 4**

### **Semester 1 Courses**

#### **CONS4001 Conservation Research Thesis (6 credits)**

This research course is a taught thesis that leads to a clear, well-researched, textual and graphic presentation of a student's philosophical and technical understanding of a particular aspect of conservation. It is designed as a means for students to (1) consolidate their learning from previous coursework and (2) pursue a specific facet of conservation that is presented in thesis form.

Assessment: 100% continuous coursework of individual study, research reporting, progress presentations and the final report submission

Prerequisite: **CONS3004 Surveying and Conservation Studio: Construction and Post-Construction Stages of Adaptive Reuse Projects**

#### **CONS4003 Conservation and Society (6 credits)**

This course explores the question: "Why do people want to protect their heritage?" The political nature of conservation is examined, along with the various and numerous conflicts in the field of conservation. In particular, the conflicts between the public and property developers, and the challenge of finding a balance between community aspirations and development plans. Using recent local and international examples, the importance of community engagement is also addressed. The course is a combination of lectures, workshops and seminar readings.

Assessment: 100% continuous coursework assessment

#### **CONS4005 Conservation Internship (6 credits)** **Practical Training Placement**

This course, a capstone experience, provides students with the opportunity to undertake practical on-site training in a conservation related project (for a minimum of 160 contact hours). Students may be placed with a government agency, an academic institution or

an NGO in Hong Kong, Macau, Mainland China, Southeast Asia or an overseas country.

Assessment: 100% continuous coursework assessment

### **Electives (12 credits)**

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## **Year 4**

### **Semester 2 Courses**

#### **CONS4002 Conservation Laboratory (6 credits) Conservation Science**

This course provides an introduction to conservation science and focuses on architectural conservation and the nature of building materials. Students are introduced to the basics of analytical methods and their application in the field of conservation. Materials such as brick, stone, timber, plaster and paint systems are examined, investigating their chemical composition as well as the causes and processes of their deterioration. Students are familiarised with laboratory equipment, such as portable X-ray Fluorescence (XRF) Analysers, Stereo and Laboratory Microscopes, thermography cameras, Scanning Electron Microscopes (SEM) and other instruments. The course is a combination of lectures, laboratory work and field studies.

Assessment: 100% continuous coursework assessment

Prerequisite: **CONS3003 Conservation Technology 2: Why Buildings Fall Down: Repair, Maintenance and Management of Heritage Buildings**

#### **CONS4004 Area Conservation Studio (12 credits)**

This course, a capstone experience, is the final studio course of the BA(Conservation) curriculum and allows students to apply what they have learnt in the programme to date. Having previously focused on individual buildings and structures, as well as adaptive reuse projects, students consider the conservation of an urban or rural place at the macro scale. Students examine conservation issues and develop a plan that takes into account heritage resources (including those discovered through cultural mapping) within the context of local zoning, development plans, economic realities, socio-political challenges and community aspirations. This course includes a compulsory overseas field study.

Assessment: 100% continuous assessment of diagrams, drawings, photos, presentations and renderings

Prerequisite: **CONS3004 Conservation Studio: Construction and Post-Construction Stages of Adaptive Reuse Projects**

### **RECO4004 Economics of Property Rights (6 credits)**

Basic concepts of economic growth and development; general concepts of property rights as foundation for understanding the economy and government policies on land use; concepts of market failure in the development market and industry and their Coasian transaction cost reinterpretation in the light of sustainable development driven by innovations in property development; and neo-institutional analysis of issues in development economics applied to spatial analysis.

Assessment: 20% continuous coursework assessment and 80% examination

[BA(Conservation) rationale: This course will provide insight into this complicated yet important topic, in order to more comprehensively understand the influences of property rights on urban conservation, both in Hong Kong and cities elsewhere.]

### **Elective (6 credits)**

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## **Elective Courses**

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The BA(Conservation) curriculum requires that BA(Conservation) students complete elective courses, totalling 36 credits. Students can choose to take elective courses offered within or outside the Faculty, including but not limited to the courses listed below, in order to fulfil the elective requirement. Students may also consider a minor in another discipline offered within or outside the Faculty.

### **CONS4006 Conservation Independent Research (6 credits)**

In lieu of one elective course, students can choose to do an independent research project, on a topic of their interest, with approval from the Programme Director.

Assessment: 100% continuous coursework assessment of individual study, research reporting, progress presentations and the final report submission

### **CONS4007 Cities and Urban Development (6 credits)**

In lieu of one elective course, students can choose to organize a one- to two-week field study to an international or Mainland Chinese destination. The main objective is to understand, analyse and explain international differences in conservation institutions and practices. Desk research, preparation for and organisation of site visits, formal reporting and presentation are all important components of the course.

Assessment: 100% continuous coursework assessment

### **CONS4008 Conservation Field School (6 credits)**

In lieu of one elective course, students can participate in an overseas Conservation Field School in order to better understand the field of conservation internationally. The main objective is to be exposed to and to analyse international examples of conservation practice. Eligible Field School opportunities will be circulated each year, however, students can also propose other possibilities for approval by the Programme Director.

Assessment: 100% continuous coursework assessment

/BACon-Syll-2015-16 for 2013-14 cohort(10.3.2015)  
/BACon-Syll-2015-16 for 2013-14 cohort(16.7.2015)  
/BACon-Syll-2016-17 for 2013-14 cohort(17.6.2016)  
/BACon-Syll-2016-17 for 2012-13 cohort(7.7.2016)