

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 2015-16.

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 2015-16 will take 240 credits, comprising a professional core of 150 credits (including 132 credits of core courses and 18 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:

UNIVERSITY REQUIREMENTS

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

(i) One 6-credit course in Core University English ¹ ; one 6-credit course in English Language Enhancement; and one 6-credit course in Chinese Language Enhancement ²	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	36 credits

¹ 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.

² 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 Board of the Faculty to apply to be exempted from the Chinese language requirements, and (i) to take a 6-credits Cantonese or Putonghua language course offered by the School of Chinese especially for international and exchange students; OR (ii) to take an elective course in lieu.

except where candidates are required to make up for failed credits	
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FACULTY REQUIREMENTS

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

(i) Three 6-credit Faculty Foundation courses including - Housing and Cities - Introduction to Building Technology and either one of the following: - Sustainability and the Built Environment - Visual Culture: Architecture and the Built Environment	18 credits
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PROFESSIONAL CORE OF CONSERVATION

The Bachelor of Arts in Conservation consists of six different types of courses which are taught using distinctive learning modes. All courses are 6-credit courses with the exception of the Area Conservation Studio and the Conservation Research Thesis which are 12-credit courses. The BA(Conservation) curriculum uses 120 hours of student learning activity (including both contact hours and all other forms of student learning activity) as the norm for 6-credit courses.

History and Theory Courses

(6 credits each, 120 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 and the broader socio-economic contexts of heritage 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, researching and writing assignments. Work is regularly presented and discussed in critical review sessions.

The courses are assessed through continuous coursework assessment (20%-100%) and examination (0%-80%). Continuous assessment is usually conducted by various methods including presentations, reflection essays, notebooks, reports (up to 3,000 words) and quizzes. The output should demonstrate relevance to the theory and knowledge taught in class and student's original and critical thinking.

Studio Courses

(either 6 or 12 credits each, requiring either 120 hours or 240 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 (36 contact hours per course for 6-credit and 12-credit courses), and involves working on conservation related design 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 100% continuous assessment of drawings, diagrams, posters, presentations and reports (from 3,000 to 9,000 words for 6-credit courses and minimum 6,000 words for 12-credit courses). The output should illustrate the students' ability to integrate the technical and theoretical knowledge learned into a sound solution for a practical problem, and to present their proposal in an organised and professional manner.

Technical Courses

(6 credits each, 120 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 practical knowledge that underpin the execution of conservation work. Course content directly relates to projects undertaken in the conservation studios. Teaching is conducted in lectures/material workshops/laboratory workshops/review sessions (24-36 contact hours per course), and activities include site visits, case studies, laboratory experiments and demonstrations and the preparation of reports.

The courses are assessed through 100% continuous coursework assessment by various methods including integrated coursework, lab work, presentations, quizzes and reports (minimum 3,000 words). The output of the course should reflect the students' understanding of the different properties of heritage materials in Hong Kong and their formulation of the most appropriate conservation method in a specific situation.

Practice Courses

(6 credits each, 120 or 160 hours of student learning activities per course).

The professional practice and practical training courses allow students to understand the land development process and the management of an architectural conservation project in Hong Kong. Course content directly relates to real life restoration works. Teaching is conducted in lectures/ review sessions (24-36 contact hours per course), and activities include site visits, case studies, practical training placement and the preparation of reports.

The courses are assessed through 100% continuous coursework assessment by various methods including integrated coursework, presentations, quizzes and reports (minimum 3,000 words). The output of the course should reflect the students' understanding of the land development process a construction contract, general and particular specifications, tender document and process. Whereas the output of the practical training requires students to demonstrate their understanding of the operation of the conservation practice in Hong Kong or overseas, and reflection on how such practical experience refines and redefines their knowledge on architectural conservation.

Research Course

(12 credits, requiring 240 hours of student learning activities per course).

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 a full-year course in the final year of study (50 contact hours per course). It is designed as a means for students to demonstrate their learning from the previous three 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 (minimum 10,000 words) submission. The output should demonstrate the students' ability to conduct research, consolidate research data, formulate critical analysis, and present the entire study in a professional manner, on a conservation aspect of their own interest.

Elective Courses

(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 an elective course, students can also participate in an overseas conservation related field school (36 contact hours per course) or do either an independent field study or an independent research project on a topic of their interest, with approval from the Programme Director (36 contact hours per course). These courses are assessed through 100% continuous coursework assessment by various methods including research reporting, progress presentations and the final report (minimum 3,000 words) submission. The output for the field school or independent field study or independent research project requires students to illustrate the new knowledge gained in the learning experience and their reflection on how such new knowledge influences their interpretation of what does it mean by best practice in architectural conservation.

First Year of Study

[First Semester courses]

- CONS1001 Introduction to Conservation (6 credits)

EITHER

- ARCH1028 Sustainability and the Built Environment (6 credits) OR

- ARCH1027 Visual Culture: Architecture and the Built Environment (6 credits)

- CAES1000 Core University English (6 credits)

- Common Core course (6 credits)

- Elective (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)

EITHER

- GEOG2056 Tourism and the Shrinking World (6 credits) OR

- SOCI2055 Tourism, Culture and Society (6 credits) OR

- Another tourism related 6-credit course that is deemed equivalent and approved by the Programme Director.

- 2 Common Core courses (12 credits)

[Second Semester courses]

- CONS2003 Conservation Studio: Reading Heritage Buildings (12 credits)

- CONS2005 Conservation Technology 1: Building Structures, Materials and Finishes (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)

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

(This course has been removed from the major course list with effect from the 2019-20 academic year. Students who have taken this course previously will be recognized.)

- Electives (18 credits)

[Second Semester courses]

- CONS3002 Conservation Studio
Pre-Construction Stage of Adaptive Reuse Projects (6 credits)

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

- ARCH3062 Architectural History and Theory 3 - Global Perspectives II (6 credits)

(This course has been removed from the major course list with effect from the 2019-20 academic year. Students who have taken this course previously will be recognized.)

- RECO2029 Land Economics (6 credits)

- Elective (6 credits)

[Optional Summer Semester]

- CONS4005 Conservation Internship: Practical Training Placement (Capstone Experience) (6 credits)

[Note: Students may take this course in the Semester 1, Semester 2 and the summer of Year 3 or in Semester 1 of Year 4, depending on the availability of internship opportunities]

Final Year of Study

Students who have not taken ARCH3058 and ARCH3062 previously are required to take equivalent courses URBS1003 and CONS2007 respectively in the final year. If that is the case, students are expected to make adjustment to their study plan on a case-by-case basis in consultation with the Programme Director with an objective to take a balanced study load of not more than 30 credits of courses in each semester.

[First Semester courses]

- CONS3004 Conservation Studio
Construction and Post-Construction Stages of Adaptive Reuse Projects (6 credits)

- CONS4002 Conservation Laboratory: Conservation Science (6 credits)

- CONS4003 Conservation and Society (6 credits)

- URBS1003 Theories and Global Trends in Urban Development (6 credits)

(This course has been incorporated into the major course list with effect from the 2019-20 academic year. Students who have not taken ARCH3058 should take this course instead.)

- Elective (6 credits)

[Second Semester courses]

- CONS4004 Area Conservation Studio (Capstone Experience) (12 credits)

- RECO4004 Economics of Property Rights (6 credits)

- CONS2007 Conservation Planning (6 credits)

(This course has been incorporated into the major course list with effect from the 2019-20 academic year. Students who have not taken ARCH3062 should take this course instead.)

[Full Year course]

- CONS4001 Conservation Research Thesis (Capstone Experience) (12 credits)

Course Offerings for Minors in Conservation

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 Conservation Studio courses CONS1002, CONS2003, 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);
3. At least three advanced core courses (minimum 18 credits); and
4. At least four of the six courses must be Conservation courses (with the course code prefix CONS)

The course list is as follows:

Prerequisite course (6 credits)

CONS1001 Introduction to Conservation (6 credits)

Introductory core courses (12 credits)

Year-2

CONS2003 Conservation Studio (12 credits)
Reading Heritage Buildings

(This course has been removed from the minor course list with effect from the 2017-18 academic year. Students who have taken this course previously will be recognized.)

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 Tourism, Culture and Society (6 credits)

Advanced core courses (18 credits)

Year-3

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)
CONS3005 Interpretation of Heritage Places	(6 credits)

Year-4

CONS2007 Conservation Planning	(6 credits)
CONS4002 Conservation Laboratory: Conservation Science (Prerequisite: CONS2005 Conservation Technology 1: Building Structures, Materials and Finishes)	(6 credits)
CONS4003 Conservation and Society	(6 credits)
RECO4004 Economics of Property Rights	(6 credits)
URBS1003 Theories and Global Trends in Urban Development	(6 credits)

(Below courses have been removed from the minor course list with effect from the 2019-20 academic year. Students who have taken these courses previously will be recognized.)

ARCH3058 Architectural History and Theory 2 - Global Perspectives I	(6 credits)
ARCH3062 Architectural History and Theory 3 - Global Perspectives II	(6 credits)

Please note that there are 6 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 requirements for this minor. You must take a replacement course in lieu.

COURSE DESCRIPTIONS

Year 1

Semester 1 Courses

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, declarations and recommendations 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

EITHER

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.

Assessment: 100% continuous coursework assessment

OR

ARCH1027 Visual Culture: Architecture and the Built Environment (6 credits)

This course is an introduction to architecture and the Built Environment. Students will be exposed to the common basic knowledge of architecture as a built form as well as a discipline along with a multitude of the other forces that shape its development. Various themes are presented as a starting point to expand, navigate, and link different conditions and ideas of architecture. In addition, a broad spectrum of other aspects related to the field of study, including city and society, landscape and planning,

culture and visual art, ecology and environment, as well as technology and material, will be discussed for increasing the awareness of architecture with our changing society.

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: 65% continuous coursework assessment and 35% examination

Common Core course (6 credits)

Elective (6 credits)

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 21st 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)

Core Courses

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 mid-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, understanding and analysing heritage buildings and structures within their setting and within their socio-economic / historical context. Classroom lectures are supplemented with field studies.

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.]

EITHER

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.

Assessment: 100% continuous coursework assessment

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

OR

SOCI2055 Tourism, culture and society (6 credits)

The phenomenal growth of tourism in contemporary societies is of major social and cultural significance. This course introduces students to a sociological 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.

Assessment: 100% coursework.

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

OR

Another tourism related 6-credit course that is deemed equivalent and approved by the Programme Director.

2 Common Core courses (12 credits)

Year 2

Semester 2 Courses

CONS2003 Conservation Studio (12 credits) Reading Heritage Buildings

This course is the first studio course 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. Local field studies are required, including a compulsory overseas field study, 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 diagrams, drawings, photos, presentations and renderings

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. The 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 studies.

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)

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 to selected Hong Kong heritage sites and museums in order to understand and critically evaluate various interpretation techniques.

Assessment: 100% continuous coursework assessment

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

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.

Assessment: 70% continuous coursework assessment and 30% examination

[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.]

Electives (18 credits)

Year 3 Semester 2 Courses

CONS3002 Conservation Studio: Pre-Construction Stage of Adaptive Reuse Projects (6 credits)

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 through historical and architectural appraisal, analyse the condition of the building, carry out conflict resolution between stakeholders and consult planning and building statutory requirements for submission.

This is in order to produce the first part of a conservation management plan (CMP) with analysis on the vulnerabilities and opportunities for the adaptive reuse of the place. The report is to inform the construction and post-construction stages of the adaptive reuse project and reflect the practical and aspirational needs of the client and relevant stakeholders, which teams proceed to work on in 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**

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 and is a prerequisite for CONS4002 *Conservation Laboratory* in Year-4. 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, reiterating the concept of conservation interventions. 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 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**

ARCH3062 Architectural History and Theory 3 - Global Perspectives II (6 credits)

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.

Assessment: 100% continuous coursework assessment

[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.]

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.

Assessment: 20% continuous coursework assessment and 80% examination

[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.]

Elective (6 credits)

Year 3

Optional Summer Semester

CONS4005 Conservation Internship (Capstone Experience) (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, Macao, Mainland China, Southeast Asia or an overseas country.

Assessment: 100% continuous coursework assessment

[Note: Students may take this course in the Semester 1, Semester 2 and the summer of Year 3 or in Semester 1 of Year 4, depending on the availability of internship opportunities]

Year 4

Semester 1 Courses

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

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 first part of the conservation management plan (CMP) to prepare appropriate conservation policies on the levels of intervention (during the construction stage) as well as operations, management and maintenance (during the post-construction stage). Towards the end of the course, students conduct a heritage impact assessment to justify the impact introduced by the intervention and to 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**

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 and other instruments. The course is a combination of lectures, laboratory work and field studies.

Assessment: 100% continuous coursework assessment

Prerequisite: **CONS2005 Conservation Technology 1: Building Structures, Materials and Finishes**

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

URBS1003 Theories and Global Trends in Urban Development (6 credits)

The course introduces students to global urbanisation trends as well as basic theories for understanding cities. Drawing on multidisciplinary perspectives, students will be exposed to relevant theories from urban sociology, public policy and political science, economics, design, geography, environmental management and planning.

Assessment: 100% continuous coursework assessment

Elective (6 credits)

Year 4

Semester 2 Courses

CONS4004 Area Conservation Studio (Capstone Experience) (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: 50% continuous coursework assessment and 50% 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.]

CONS2007 Conservation Planning (6 credits)

The course introduces students to both local conservation planning strategies and conservation charters/principles/guidance that are internationally recognised for understanding the management of architectural heritage. Drawing on multidisciplinary perspectives, students will be formulating their own management proposal for the conservation of a built heritage or an area.

Assessment: 100% continuous coursework assessment

Year 4 Full Year Course

CONS4001 Conservation Research Thesis (Capstone Experience) (12 credits)

This full-year 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

Elective Courses

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 organise 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

CONS4009 Research on Conservation Theories and Publications (6 credits)

In lieu of one elective course, students can choose to do an independent research project, on a topic relating to the theories and publications on heritage conservation, with approval from the Programme Director.

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

/BACon-Syll 2019-20 for 2015-16 cohort (27.8.2019)

/BACon-Syll 2019-20 for 2015-16 cohort (25.2.2020)