These syllabuses are applicable to candidates admitted under the 4-year ‘2012 curriculum’ to the first year of the Bachelor of Science in Surveying in 2013-14.

Students entering the 4-year Bachelor of Science in Surveying curriculum in the academic year 2013-14 will take a professional core of 180 credits (including 150 credits of core courses, 24 credits of Faculty Foundation courses and 6 credits of a disciplinary elective course), plus a total of 54 credits in language and Common Core courses, and 6 credits of an elective course, totalling 240 credits for the 4-year curriculum.

The syllabuses of the Bachelor of Science in Surveying shall comprise 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 except where candidates are required to make up for failed credits. (36 credits)

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\(^1\) 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 Faculty Office to apply to be exempted from the Chinese language requirements, and

(i) to take a 6-credit 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.
Faculty Requirements

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

<table>
<thead>
<tr>
<th>Four 6-credit Faculty Foundation courses</th>
<th>24 credits</th>
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<tbody>
<tr>
<td>- Introduction to Building Technology</td>
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<tr>
<td>- Visual Culture</td>
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<td>- Housing and Cities</td>
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<td>- Sustainability and the Built Environment</td>
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Professional Core of Surveying

The Surveying curriculum has four course categories which are taught using distinct learning modes.

Most courses are 6-credit courses, with the exception of the Dissertation component which is 18 credits. The majority of courses are classified into the Management, Law, Economics, and Construction aspects. These different aspects are then interwoven in the Studio courses to allow for knowledge and skills learnt in each course to be related directly to concurrent project work in the studio courses, and to allow a more specific and structured approach to student learning.

___________________________________________________________________________

Studio courses
(6 credits, approximately 120 - 150 hours of student learning activities is required for each course, including 54 - 72 contact hours for weekly studio meetings)

These courses engage students, under staff guidance and supervision, in addressing the core and related issues essential to the training of a professional surveyor. The studio projects require students to apply and integrate the theories and knowledge learned in concurrent courses of management, law, economics, and construction. Assessment is 100% by continuous coursework assessment, i.e. writing reports (up to 5,000 words), performance in studio meetings, including (but not exclusively) contribution to and participation in studio discussions and presentations.

<table>
<thead>
<tr>
<th>Studio courses (6 credits)</th>
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<tbody>
<tr>
<td>RECO2025 Surveying Studio 1</td>
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<tr>
<td>RECO2026 Surveying Studio 2</td>
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<tr>
<td>RECO3025 Surveying Studio 3</td>
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<tr>
<td>RECO3026 Surveying Studio 4</td>
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<tr>
<td>RECO4002 Surveying Studio 5</td>
</tr>
</tbody>
</table>

Management, law and economics courses
(6 credits, approximately 120 – 150 hours of student learning activities is required for each course)
A typical 6-credit course in land and construction management, law and economics includes 36 to 48 hours of lectures and seminars or tutorials. Around 80 hours of independent study is expected. Continuous assessment is by coursework (essays or reports: up to 3,000 words approximately) (20%) and a 3-hour written examination (80%), unless otherwise specified.

Management courses (6 credits)
- RECO2028 Planning and Development
- RECO3028 Real Estate and Construction Management Theory
- RECO4007 Real Estate and Facility Management Practice (pre-requisite: Real Estate and Construction Management Theory)
- RECO4003 Real Estate and Construction Management Practice (pre-requisite: Real Estate and Construction Management Theory)

Law courses (6 credits)
- RECO2032 Introduction to Law
- RECO3027 Land Law and Conveyancing Law
- RECO4009 Construction Law
- RECO4008 Development Control and Alternative Disputes Resolution

Economics courses (6 credits)
- RECO2029 Land Economics
- RECO4004 Economics of Property Rights
- RECO3029 Real Estate Investment and Finance (pre-requisite: Land Economics)
- RECO4006 Advanced Valuation (pre-requisite: Land Economics)

Construction courses
(6 credits, approximately 120 – 150 hours of student learning activities is required for each course)

A typical 6 credit course in construction includes 36 to 48 hours of lectures, seminars, tutorials, and site visit. Around 80 hours of independent study is expected. Assessment is by coursework (essays or reports: up to 3,000 words approximately) (20%) and a 3-hour written examination (80%), unless otherwise specified.

Construction courses (6 credits)
- RECO2030 Building Services for Health and Safety
- RECO2022 Building Technology
- RECO3030 Environmental Science in Buildings
- RECO2031 Advanced Structures and Construction for Surveyors

Research courses
(6 credits, approximately 120 – 150 hours of student learning activities is required for each course)
6-credit course in *Research Methods* – This course introduces various methodologies and the latest development in studies related to the different aspects of real estate and construction research. It also prepares students for their final year dissertations. It aims to train students to think rationally and logically in conducting academic research and to be equipped with the ability to formulate a dissertation proposal. It includes a number of research seminars, students are then to prepare a dissertation proposal which will be assessed by their assigned supervisor.

One 18-credit course in *Dissertation* – A dissertation (10,000 words+) is a detailed discourse requiring original research. Up to 30 contact hours and 420 hours of independent studies is expected of the student. Assessment is 100% by the final dissertation submitted.

*Research Courses (6-18 credits)*

- RECO3032 Research Methods
- RECO4001 Dissertation (Pre-requisite: Research Methods)

*Disciplinary Elective (6 credits)*

Disciplinary Electives are open exclusively to Year Three students in the BSc Surveying programme only. Students are required to choose from a prescribed set of options by the Department.

- RECO3031 Cities and Urban Development#
- RECO3033 Professional Practice
- CONS2004 History of Urban Hong Kong & its Built Heritage

#The Cities and Urban Development component in the disciplinary elective course comprises overseas (or out-of-Hong Kong) study field trips, the costs of which are to be borne by students; hence, students are reminded that there will be travelling, accommodation and other related costs associated with those field trips. Such costs are not included in the tuition fees and will vary depending on location.

*Elective course (6 credits)*

Students can choose to take courses offered within or outside the Faculty.

*First Year of Study*

[First semester courses]

- Sustainability in the Built Environment (6 credits)
- Visual Culture (6 credits)
- 2 Common Core courses (6 credits each)
- Core University English (6 credits)

[Second semester courses]

- Housing and Cities (6 credits)
- Introduction to Building Technology (6 credits)
- 2 Common Core courses (6 credits each)
- Chinese Language Enhancement course (6 credits)

Second Year of Study

[First semester courses]
- Surveying Studio 1 (6 credits)
- Building Technology (6 credits)
- Introduction to Law (6 credits)
- Planning and Development (6 credits)
- Common Core course (6 credits)

[Second semester courses]
- Surveying Studio 2 (6 credits)
- Land Economics (6 credits)
- Building Services for Health and Safety (6 credits)
- Advanced Structures and Construction for Surveyors (6 credits)
- English Language Enhancement course (6 credits)

Third Year of Study

[First semester courses]
- Surveying Studio 3 (6 credits)
- Land Law and Conveyancing Law (6 credits)
- Real Estate and Construction Management Theory (6 credits)
- Real Estate Investment and Finance (6 credits)
- Environmental Science in Buildings (6 credits)

[Second semester courses]
- Surveying Studio 4 (6 credits)
- Research Methods (6 credits)
- Disciplinary Elective* (6 credits)
- Elective (6 credits)
- Common Core course (6 credits)

*There are three Disciplinary Electives: Cities and Urban Development and Professional Practice, which are open for selection exclusively for BSc Surveying students in the second semester of their Third Year of Study only. The third Disciplinary Elective, History of Urban Hong Kong and its Built Heritage, is offered in the first semester, and students need to apply for approval from the BSc Programme Director to elect this.
Final Year of study

<table>
<thead>
<tr>
<th>[Full year course]</th>
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<tbody>
<tr>
<td>- Dissertation</td>
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</table>

<table>
<thead>
<tr>
<th>[First semester courses]</th>
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<tbody>
<tr>
<td>- Surveying Studio 5</td>
<td>6</td>
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<tr>
<td>- Real Estate and Construction Practice</td>
<td>6</td>
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<tr>
<td>- Advanced Valuation</td>
<td>6</td>
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<tr>
<td>- Construction Law</td>
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</table>

<table>
<thead>
<tr>
<th>[Second semester courses]</th>
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<tbody>
<tr>
<td>- Economics of Property Rights</td>
<td>6</td>
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<tr>
<td>- Real Estate and Facility Management Practice</td>
<td>6</td>
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<tr>
<td>- Development Control and Alternative Disputes Resolution</td>
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</tbody>
</table>

Course Description

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.

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

**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

2 Common Core courses (6 credits each)

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.

1. Demonstrate ability in using effective spoken and written language skills required for daily life communication, surveying & architecture related professions and academic studies. Reflect on their language learning experience and devise strategies for further improvement
2. Have in-depth oral presentation, discussion and debating skills.
3. Have an overall understanding between language and cultural concepts.
4. Have a better awareness and sensitivity toward language usage, critical thinking and aesthetic quality.

Assessment: 50% continuous coursework assessment and 50% examination

2 Common Core courses (6 credits each)

**Year 2**
**Semester 1 Courses**

**RECO2022 Building Technology (6 credits)**

Functions of buildings, relationship of elements, properties of basic construction materials, structural concepts, the processes and techniques of constructing simple buildings in Hong Kong.

Assessment: 20% continuous coursework assessment and 80% examination

**RECO2025 Surveying Studio 1 (6 credits)**

This course is structured to apply and integrate the subject matter of lecture courses through case studies and projects. This semester is devoted to developing an appreciation and understanding of the land conversion process, including the roles of stakeholders involved, factors affecting property choices, and institutional constraints governing land uses and development.

Assessment: 100% continuous coursework assessment

**RECO2032 Introduction to Law (6 credits)**

Legal framework of the HKSAR - the Basic Law and the HKSAR legal system; elements of the law of contract and tort; introduction to public law.
Assessment: 20% continuous coursework assessment and 80% examination

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

Common Core course (6 credits)

Year 2
Semester 2 Courses

RECO2026  Surveying Studio 2 (6 credits)
This course is structured to apply and integrate the subject matter of lecture courses through case studies and projects. This semester is devoted to further developing an appreciation and understanding of the issues and constraints faced by real estate developers in the land conversion process, including but not limited to site selection, optimization of land use and building design, and sales and marketing of real estate projects.

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.

Assessment: 20% continuous coursework assessment and 80% examination

RECO2030  Building Services for Health and Safety (6 credits)
This course is designed to appraise how the design and installation of various building services systems and building components combine to help achieve the health and safety of occupants and the public at large. They include: (1) fire safety; (2) sanitation; (3) vertical transportation; and (4) internal components.

Assessment: 50% continuous coursework assessment and 50% examination

RECO2031  Advanced Structures and Construction for Surveyors (6 credits)
This course provides the theoretical knowledge and concepts for the functional design and construction of complex buildings in Hong Kong. Topics cover processes and techniques for
the construction of buildings, appreciation of structural systems for high-rise buildings, inspection and maintenance of building, performance of materials and components, sustainable construction and common civil engineering construction.

Assessment: 20% continuous coursework assessment and 80% examination

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

Year 3
Semester 1 Courses

RECO3025 Surveying Studio 3 (6 credits)
In the first semester students will participate in an inter-disciplinary project, or comparable learning project. The project is designed for surveying students to form multi-disciplinary teams to work on tasks from feasibility to scheme design stage so that they could learn from each other, experience team spirit and be able to see different problems from different perspectives. Appropriate elements of China Practice may be included.

Assessment: 100% continuous coursework assessment

RECO3027 Land Law and Conveyancing Law (6 credits)
Land tenure in the HKSAR; co-ownership; mortgages; easements; covenants; leases; landlord and tenant; adverse possession; deed of mutual covenant and the management of multi-storey buildings; the land registration system; Conveyancing law in the HKSAR and Mainland China.

Assessment: 20% continuous coursework assessment and 80% examination

RECO3028 Real Estate and Construction Management Theory (6 credits)
This module introduces management theory, project management, construction management with a particular focus on the real estate and construction context.
Assessment: 20% continuous coursework assessment and 80% examination

**RECO3029  Real Estate Investment and Finance (6 credits)**
Interactions between space and asset markets; financial economic concepts and tools for real estate analysis; real estate valuation and investment analysis at property and business levels; leverage and mortgages; statistical modelling and forecasting; price indices and derivatives; real options and land value.

Assessment: 40% continuous coursework assessment and 60% examination
Prerequisite: RECO2029 Land Economics

**RECO3030  Environmental Science in Buildings (6 credits)**

Assessment: 20% continuous coursework assessment and 80% examination

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

**RECO3026  Surveying Studio 4 (6 credits)**
The second semester is designed to consider inter-disciplinary problem scenarios from practical real life situations that may arise from the different aspects of surveying. Appropriate elements of China Practice may be included. Design of problem scenarios is intended to provide students with an opportunity to apply what they have learnt in real life situations that arise during the planning, development, construction, marketing and maintenance stages of a project. The scenarios will be designed to require students to identify and explore inter-disciplinary problems that they need to resolve in real life situations, instead of dealing with specified problems as with assignments in other modules. For that purpose, on many occasions the problems will be deliberately ill-defined.

Assessment: 100% continuous coursework assessment

**RECO3032  Research Methods (6 credits)**
This course introduces various methodologies and the latest development in studies related to the different aspects of real estate and construction research. It also prepares students for their final year dissertations. It aims to train students to think rationally and logically in conducting academic research and to be equipped with the ability to formulate a dissertation proposal. Techniques in literature search, qualitative and quantitative approaches, tests of hypotheses, data analysis, and dissemination of results are also introduced.

Assessment: 100% continuous coursework assessment
Disciplinary Elective (6 credits)

Disciplinary Electives are open exclusively to Year Three students in the BSc Surveying programme only in the second semester only. Students are required to choose from one of the following courses:

RECO3033 Professional Practice (6 credits)
The aim of this module is to build on academic modules in a practical environment so as to increase maturity and motivation by working as a member of a professional team in the real estate and construction field and handling real life real estate and construction projects. This also allows tacit and professional knowledge in the field to be conveyed to the students in a more personal and efficient way. On the other hand, it provides a platform for our students to demonstrate advanced academic knowledge learned in different modules to be applied in practice.

The course is composed of a number of activities.

First of all, seasoned professionals from the industry in the field of real estate, general practice surveying, quantity surveying / commercial management, building surveying, planning and development as well as property and facility management will be invited to deliver in-depth knowledge exchange with the students in the Professional Competency Workshop (PCW) series. Such PCW series will span over a period of 10 weeks.

This will serve as a foundation for students to conduct a comparative study of similarities and differences in professional practice when they undertake professional activities during the internship period. PCW will be assessed and the mark forms 30% of the overall mark for this course. In addition to conventional classroom delivery of such knowledge in the PCW, specific arrangements will be made with the industry to allow students to experience how such knowledge is applied in the daily work during the course of PCW.

The third element is a more structured internship arrangement which will take place either in the Summer or throughout the year. In addition an academic tutor, who will be full-time academic staff of the Department, will provide ongoing support as required.

Students will complete a period of training equivalent to not less than 4 weeks, or 160 hours. The programme of this training should include activities which involve the major themes of the academic syllabuses. Students are to be exposed to situations that will allow them to consolidate the theoretical knowledge gained during academic study, consistent with taking the maximum responsibility possible.

Assessment: 100% continuous coursework assessment

(Assessment of the student's performance during the placement is carried out jointly by the professional firm (the Host Company) which provided the training to the respective student, and the Departmental Internship Coordinator. A Professional Journal (PJ) will be kept by the participating student that will detail the tasks they have been assigned to and knowledge they have been conveyed during the training period. This PJ will be assessed and marked by the Departmental Internship Coordinator. In addition, the Host Company will also provide an assessment on the student based on training performance, personal qualities and social skills.)
The relative weighting of these assessments is:

PCW 30% and Internship Training 70%

**RECO3031 Cities and Urban Development (6 credits)**
This course requires students to organize a 1-2 weeks study field trip themselves, to international or PRC destinations. The main objective is to analyse and explain international differences in real estate and construction institutions and practices. Desk research, preparation and organization of site visits, analyses, formal reporting and presentation are all important components. In addition to the preparing of the study trip, students taking this Disciplinary Elective are also required to attend the Professional Competency Workshop (PCW) series that are offered to the other Disciplinary Elective, RECO3033 Professional Practice. This will serve as a foundation for students to conduct a comparative study of similarities and differences in professional practice when they undertake the study trip outside Hong Kong. PCW will be assessed and the mark forms 30% of the overall mark for this course.

*Students for personal reasons, upon approval by the BSc Programme Director of the Department before the commencement of the Second Semester in this year, may opt not to take this Disciplinary Elective. To earn the same amount of credits, such students are required to take an elective from a pool of designated electives to be prescribed and announced by the Programme Director at the beginning of Year 3 study.*

Assessment: 100% continuous coursework assessment (except for students who are allowed to take a replacement elective, who shall follow the assessment criteria of that elective)

**CONS2004 History of Urban Hong Kong and its Built Heritage (6 credits)**
(Where students who, for special circumstances and upon approval granted by the BSc Programme Director, cannot select the above two Disciplinary Electives, this Disciplinary Elective provides a third option for the students. Students are reminded that this course is offered in the first semester and students need to re-adjust their own study plan.)

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

**Common Core course (6 credits)**

**Elective (6 credits)**

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**Final Year**
**Full Year Course**

**RECO4001  Dissertation (18 credits)**
A dissertation is a detailed discourse on a research topic in the area of real estate and construction chosen by the student, to be executed following scientific methodology principles as taught in Research Methods. It aims to train students to think scientifically, and to carry out and complete an entire research project on their own, under a dissertation supervisor. Students are expected to identify and define a problem for scientific research; substantiate the research problem, and as appropriate, propose testable hypotheses with appropriate methodology and data; collect empirical data to test the proposed hypotheses and explain the regularities in the data collected; and carry out further research to widen and deepen the analysis.

Assessment: 100% continuous coursework assessment

Prerequisite: RECO3032 Research Methods

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**Final Year**

**Semester 1 Courses**

**RECO4002  Surveying Studio 5 (6 credits)**
For this Studio programme students are required to formulate their own study area based on brief hypothetical scenarios given. Emphasis is on issues related to the broad concept of sustainability in a global context and its relation to land, real estate, construction and building development and management.

Assessment: 100% continuous coursework assessment

**RECO4003  Real Estate and Construction Management Practice (6 credits)**
This module develops further skills developed in Year 2, in terms of contract administration and construction management theory, and introduces practical and commercial issues through the medium of real life case studies and simulations. It also covers principles of professional surveying practices.

Assessment: 50% continuous coursework assessment and 50% examination

Prerequisite: RECO3028 Real Estate and Construction Management Theory

**RECO4006  Advanced Valuation (6 credits)**

Assessment: 20% continuous coursework assessment and 80% examination

Prerequisite: RECO2029 Land Economics
RECO4009  Construction Law (6 credits)
Business associations and entities; forms of construction contract – standard forms; professional liabilities; interim payment and set-off; pay when paid clause; variations; liquidated damages; extension of time; determination of contract; defects liabilities; insolvency.

Assessment: 20% continuous coursework assessment and 80% examination

Final Year
Semester 2 Courses

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

RECO4007 Real Estate and Facility Management Practice (6 credits)
This module outlines and explains the roles of property and facility management on real estate portfolios, and explores the strategic management roles of a property and facility manager.

Assessment: 20% continuous coursework assessment and 80% examination

Prerequisite: RECO3028 Real Estate and Construction Management Theory

RECO4008 Development Control and Alternative Disputes Resolution (6 credits)
Building and planning applications and appeals; Government leases; lease terms / conditions, lease modification and relevant legislation; Land resumption and compensation; Alternative dispute resolution: primary and secondary dispute resolution; negotiation; conciliation; mediation; adjudication and arbitration; Law of arbitration.

Assessment: 20% continuous coursework assessment and 80% examination