

## SYLLABUSES FOR THE DEGREE OF BACHELOR OF ARTS IN URBAN STUDIES (BA[UrbanStud])

*These syllabuses are applicable to candidates admitted to the first year of the Bachelor of Arts in Urban Studies in 2021-22 and thereafter.*

Students entering the 4-year Bachelor of Arts in Urban Studies curriculum in the academic year 2021-22 and thereafter will take a professional core of 138 credits (including 126 credits of core courses and 12 credits of Faculty Interdisciplinary courses), 54 credits in language and Common Core courses and 48 credits of electives, totalling 240 credits for the 4-year curriculum.

Most courses are 6-credit courses, with the exception of the Urban Process and City Design Studio, Development Appraisal Studio, Development Scenarios and Impact Assessment Studio and Urban Research Studio which are 12 credits.

The syllabuses of the Bachelor of Arts in Urban Studies shall comprise 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 in the Discipline; 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 or above in English Language in the Hong Kong Diploma of Secondary Education Examination, or equivalent are exempted from this requirement, and Core University English is optional. Those who do not take this course 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 Board of the Faculty 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.

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## Faculty Requirements

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12 credits of compulsory Faculty Interdisciplinary courses which must be completed successfully:

(i) Two 6-credit Faculty Interdisciplinary courses including - Get Inspired; - Reaching Out.	12 credits
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## Professional Core of Urban Studies

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### First Year of Study

The theme of Year 1 is 'Fundamental Urban Studies'. Year 1 students are required to take the University's Common Core courses, language courses, Faculty Interdisciplinary courses and core courses to introduce students to global trends in urban development and urban problems, interventions and design thinking, and the use of urban analytics in urban studies.

- Practical Chinese for Surveying, Urban Studies and Conservation Students (6 credits)
- Core University English (6 credits)
- 2 Common Core courses (12 credits)
- Get Inspired (Faculty Interdisciplinary courses) (6 credits)
- Reaching Out (Faculty Interdisciplinary courses) (6 credits)
- Theories and Global Trends in Urban Development (6 credits)
- Urban Problems, Interventions and Design Thinking (6 credits)
- Urban Analytics Studio (6 credits)
- 1 Elective course (6 credits)

### Second Year of Study

The theme of Year 2 is 'Urban Planning, Design and Management'. Year 2 curriculum introduces students to the theories and methods of urban studies. The Design Graphics Studio will enable students to develop graphic skills and techniques which are useful in their communication of urban issues and solutions. The Urban Process and City Design Studio will introduce students to project work and studio teaching and learning environment through problem-based learning projects and assignments and additional training in skills and methods. Students are required to take 12 credits of University Common Core courses to broaden their

knowledge and English in the Discipline course.

- English in the Discipline (6 credits)
- Communication Course for Architecture Students
- 2 Common Core courses (12 credits)
  
- Urban Planning and Urban Management (6 credits)
- Urban Process and City Design Studio (12 credits)
- Design Graphics Studio (6 credits)
- Urban and Land Economics (6 credits)
- Introduction to Law (6 credits)
- Research Methods in Urban Studies (6 credits)

### Third Year of Study

The theme of Year 3 is 'Development and Sustainability'. Year 3 curriculum further introduces students to the theories and methods of urban studies and urban policy and governance. Further spatial analysis, planning and development appraisal skills will be developed in Development Appraisal Studio. Students will take Elective courses and University Common Core courses to broaden their knowledge and develop multi-disciplinary perspectives.

- 2 Common Core courses (12 credits)
- Development Appraisal Studio (12 credits)
- Planning and Development Laws (6 credits)
- BIM, CIM and New Urban Data Applications (6 credits)
- Urban Policy and Governance (6 credits)
  
- 3 Electives (18 credits)

### Final Year of study

The theme of Year 4 is 'Urban Analysis and Impact'. In the Final Year, students will carry out dissertations that synthesize what they have learnt in the programme and further develop their understanding and analysis of issues of urban development through the Development Scenarios and Impact Assessment Studio and Research Studio. It will also introduce students to urban environmental science and design and real estate investment and design.

They will continue to take Elective courses from other departments and faculties to broaden their knowledge and develop multi-disciplinary perspectives.

- Development Scenarios and Impact Assessment Studio (12 credits)
- Urban Research Studio (12 credits)
- Urban Environmental Science and Design (6 credits)
- Real Estate Investment and Finance (6 credits)
  
- 4 Electives (24 credits)

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## Course Offerings for Minor in Urban Studies

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Students of other degree programmes intending to minor in Urban Studies must complete at least 36 credits among the courses listed below. Student must complete at least three Urban Studies courses (with the course code URBS) from the list.

URBS1003 Theories and Global Trends in Urban Development (equivalent to URBS1001 Urban and Regional Development I)	(6 credits)
RECO2039 Urban and Land Economics	(6 credits)
URBS1005 Urban Problems, Interventions and Design Thinking (equivalent to URBS2004 Urban and Regional Development II)	(6 credits)
URBS2010 Urban Planning and Urban Management (equivalent to URBS3004 Urban Planning and Urban Management)	(6 credits)
URBS2005 Research Methods in Urban Studies	(6 credits)
URBS3008 Urban Policy and Governance (equivalent to URBS4003 Urban Policy and Governance)	(6 credits)
RECO3038 Real Estate Investment and Finance	(6 credits)

Double counting of credits is not permissible for minor in Urban Studies. When a course is used to satisfy the requirements of another curriculum or programme, it shall not be counted towards the fulfillment of the requirements of this minor.

The following courses have been removed from the Minor in Urban Studies course list:

Course code and title	Removed with effect from (academic year)
URBS1001 Urban and Regional Development I (6 credits)	2019-20
URBS2004 Urban and Regional Development II (6 credits)	2019-20
URBS3004 Urban Planning and Urban Management (6 credits)	2019-20
URBS4003 Urban Policy and Governance (6 credits)	2019-20
ARCH3103 Environment, Community and Design (6 credits)	2019-20
CONS1001 Introduction to Conservation (6 credits)	2021-22

Students who have taken any of these courses previously will be recognized.

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## Course Description

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### Year 1

#### **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: 70% continuous coursework assessment and 30% examination

#### **URBS1004                    Urban Analytics Studio (6 credits)**

This course will introduce student to data analytics of urban data and demonstrates how these analytics can be employed in solving urban problems. Students will learn conceptual frameworks, methodologies, software tools, as well as applied cases for urban data analytics. Students will also be introduced to multimedia, data visualization and interactive mapping.

Assessment: 100% continuous coursework assessment

#### **URBS1005                    Urban Problems, Interventions and Design Thinking (6 credits)**

The course further introduces students to theories for understanding cities in a more critical way. Drawing on multidisciplinary perspectives, students learn relevant theories from urban sociology, public policy and political science, economics, design, geography, environmental management and planning. We structure the course as a series of paired discussions: first, introducing some prevalent urban problems, and next, strategic interventions aimed at a more sustainable, liveable, and just mode of urban development. We assess these interventions and discuss new approaches to development. Students will also be exposed to design thinking and explore the design of policy interventions in complex urban environments.

Assessment: 100% continuous coursework assessment

#### **CAES1000                    Core University English (certified Communication Intensive Course<sup>3</sup>) (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

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<sup>3</sup> A certified Communication-intensive (CI) Course which meets all of the requirements endorsed by the Senate, including

- (a) the teaching and assessment of oral, written and visual communication 'literacies'; and
- (b) at least 40% of the course grade assigned to communication-rich assessment tasks.

Please refer to the respective syllabuses statements on the programme website for the details.

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. Four online-learning modules through the Moodle platform on academic speaking, academic grammar, academic vocabulary, citation and referencing skills and avoiding plagiarism will be offered to students to support their English learning. This course will help students to participate more effectively in their first-year university studies in English, thereby enriching their first-year experience.

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

### **AFIC1001                      Get Inspired (6 credits)**

Get Inspired is a broad-based survey about the built environment disciplines, exposing students to the broad theories, methods and key questions of the various disciplines within the Faculty of Architecture, and examining how each has sought to address the chronic challenges of public health in the city.

Assessment: 100% continuous coursework assessment

### **AFIC1002                      Reaching Out (6 credits)**

Reaching Out will challenge students to work in mixed disciplinary groups to explore the nature and value of the research work of the Faculty's research labs, and to develop a group project that takes knowledge and practices generated by one of the labs and to investigate how it has been applied to a specific site.

Assessment: 100% continuous coursework assessment

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

### **1 Elective course (6 credits)**

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## **Year 2**

### **CAES9121                      Communication Course for Architecture Students (certified Communication Intensive Course<sup>4</sup>) (6 credits)**

This English-in-the-Discipline course is designed to help students to respond effectively to the communication demands of their studio programmes and their future careers. 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 architectural, 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 Architectural, Surveying and Built Environment professionals.

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

### **URBS2007                      Urban Process and City Design Studio (12 credits)**

This studio enables students to apply and integrate the skills and knowledge learnt in the courses to case studies and projects in analyzing urban issues. Spatial analysis and planning skills will be developed in the studio, which will include emphasis on project planning, impact assessment, financing, and community engagement.

Assessment: 100% continuous coursework assessment

### **URBS2005                      Research Methods in Urban Studies (6 credits)**

Introduction to the basic qualitative and quantitative methods used to analyze cities and regions, including qualitative methods, sampling, questionnaire design and statistics.

Assessment: 40% continuous coursework assessment and 60% examination

### **URBS2008                      Design Graphics Studio (6 credits)**

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<sup>4</sup> A certified Communication-intensive (CI) Course which meets all of the requirements endorsed by the Senate, including  
(a) the teaching and assessment of oral, written and visual communication 'literacies'; and  
(b) at least 40% of the course grade assigned to communication-rich assessment tasks.  
Please refer to the respective syllabuses statements on the programme website for the details.

This studio will provide students with the basic graphic skills and techniques (in freehand drawing, photography, 2D and 3D CAD drawing, laser cutting, model making, Illustrator and Photoshop software) which allow them to experiment with many of the issues and ideas introduced. Students will be responsible for individual projects which exhibit their grasp of the studio topics.

Assessment: 100% continuous coursework assessment

Pre-requisite: URBS1004 Urban Analytics Studio

### **URBS2010                      Urban Planning and Urban Management (6 credits)**

This course reviews the processes and theories of urban development, urban planning, and the management of cities. It examines key issues and concerns in the management of cities such as spatial strategy, transport policy, infrastructure provision, environmental policy, development controls and urban sustainability.

Assessment: 100% continuous coursework assessment

### **RECO2042                      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

### **RECO2039                      Urban and Land Economics (6 credits)**

This course will include such topics as location, trade and economic growth; the concept of rent and economic rent; urban land markets; economic regions; 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. In addition, this course will also cover the concept of behavioural economics and how market behaviour in our society affects urban development.

Assessment: 40% continuous coursework assessment and 60% examination

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

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### **Year 3**

### **URBS3005                      Development Appraisal Studio (12 credits)**

This studio course enables students to apply and integrate their learning outcomes from other



courses to case studies and projects in analyzing land and property development issues. It covers the fundamental economic and financial concepts, essential methods and practical trainings to equip students with the professional knowledge and skills in carrying out the tasks of land development planning, project appraisal and property valuation. Further spatial analysis, evaluation and planning skills will also be developed through problem-based learning modules, which place an emphasis on project planning, viability study, impact assessment, financing, cost-benefit analysis, risk management and stakeholder engagement.

Pre-requisite: URBS2007 Urban Process and City Design Studio

Assessment: 100% continuous coursework assessment

### **URBS3008                      Urban Policy and Governance (6 credits)**

The institutional structure and public administration of cities, including sectors such as housing and transport; the management and governance of mega-city region; public participation and engagement in urban management and governance.

Assessment: 100% continuous coursework assessment

### **URBS3009                      BIM, CIM and New Urban Data Applications (6 credits)**

This course introduces students to the concepts and practices of building information modelling (BIM), city information modelling (CIM), and new urban spatial analysis applications. Knowledge and concepts on the structure and operation of Geo-database will be taught to equip students with essential techniques for spatial data preparation, conversion, and integration. Students will have knowledge of BIM, CIM, and the spatial skills and techniques needed for conducting various smart city planning and design projects.

Assessment: 100% continuous coursework assessment

Pre-requisite: URBS1004 Urban Analytics Studio

### **URBS3006                      Planning and Development Laws (6 credits)**

This course introduces students to the Hong Kong laws relevant to the planning and development of land properties from the legal and regulatory perspectives. It enables students to understand the statutory framework, administrative practices, mechanisms, tools and their enforcement in governing the planning, development and holding of land and building properties. Case study illustrations will help understand the interpretation, compliance and enforcement of the laws, rules and regulations under various real situations.

Assessment: 100% continuous coursework assessment

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

### 3 Electives (18 credits)

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#### Year 4

##### **URBS4005                      Development Scenarios and Impact Assessment Studio (Capstone Experience) (12 credits)**

This course provides the theoretical basis and analytical methods in impact assessments. Students will learn knowledge and skills in identifying, forecasting and evaluating the potential environmental and social impacts of urban development initiatives and projects.

Assessment: 100% continuous coursework assessment

Pre-requisite: URBS3005 Development Appraisal Studio

##### **URBS4006                      Urban Research Studio (Capstone Experience) (12 credits)**

Students will further carry out capstone research projects that solidify and integrate their academic and practical understanding of urban issues and allow them to develop further skills and knowledge in their desired area with advanced urban analysis techniques, such as GIS and urban modelling.

Assessment: 100% continuous coursework assessment

Pre-requisite: URBS4005 Development Scenarios and Impact Assessment Studio

##### **RECO3038                      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: 100% continuous coursework assessment

Pre-requisite: RECO2039 Urban and Land Economics

##### **URBS4007                      Urban Environmental Science and Design (6 credits)**

This course introduces the fundamentals of urban environmental science and technology, explores how informed design is essential to the environmental sustainability and well-being of future cities, and examines best practices of environment-conscious design at city scale. Students are expected to familiarize with scientific literature on key urban environmental

challenges; understand the role of environment-conscious design in key urban environmental performance domains, such as climate, air pollution, water, noise, and energy; and acquire practical skills and experiences that are geared towards making informed designs to advance urban sustainability.

Assessment: 100% continuous coursework assessment

#### **4 Electives (24 credits)**

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#### **Elective courses**

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

#### **URBS5005                      Healthy and Liveable Cities and Smart Technologies (6 credits)**

This course introduces the science and practice of healthy and liveable cities. Drawing from a multidisciplinary perspective, it will provide a holistic overview of the links between cities' built environment, health and well-being; discuss the concept of urban liveability and its indicators; describe methods to measure healthy-influencing urban environments; explore how smart technologies can help shape healthier and more liveable cities; and provide a basic understanding of healthy and sustainable city planning.

Assessment: 70% continuous coursework assessment and 30% examination

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