

(SUBJECT TO APPROVAL)
REGULATIONS FOR THE DEGREE OF
BACHELOR OF ARTS IN URBAN STUDIES
[BA(UrbanStud)]

AR47/725

These regulations are applicable to candidates admitted to the first year of the Bachelor of Arts in Urban Studies in 2025-26 and thereafter.

(See also General Regulations and Regulations for First Degree Curricula)

Definitions

Ar321 For the purpose of these regulations and the syllabuses for the degree of Bachelor of Arts in Urban Studies, unless the context otherwise requires:

‘Elective’ means any course offered within the same or another curriculum, other than compulsory courses in the Bachelor of Arts in Urban Studies that can be taken by the candidate in order to complete the credit requirements of the degree curriculum.

Admission to the degree of Bachelor of Arts in Urban Studies

Ar322 To be eligible for admission to the degree of Bachelor of Arts in Urban Studies, a candidate shall:

- (a) comply with the General Regulations;
- (b) comply with the Regulations for First Degree Curricula; and
- (c) satisfy all the admission requirements in accordance with the regulations and syllabuses set out below.

Period of study

Ar323 The curriculum for the Bachelor of Arts in Urban Studies shall normally require eight semesters of full-time study, extending over not fewer than four academic years and shall include any assessment to be held during and/or at the end of each semester. Candidates shall not in any case be permitted to extend their studies beyond the maximum period of registration of six academic years.

Selection of courses

Ar324 Candidates shall select their courses in accordance with these regulations and the guidelines as specified in the syllabuses before the beginning of each semester. Such selection shall be subject to the approval of the Head of the Department of Urban Planning and Design.

Ar325 Changes to the selection of courses may be made during the first two weeks of each semester subject to the approval of the Head of the Department of Urban Planning and Design, and such changes shall not be reflected in the transcript. Requests for changes after the first

two weeks of a semester shall normally be not considered, except with the approval of the Board of the Faculty, and candidates withdrawing from any course without permission shall be given an F grade.

Ar326 Candidates shall not be permitted to select other courses for which a failed course forms a prerequisite unless permission is given by the Department for the candidates to be reassessed in the failed course and for them to satisfy the examiners in this.

Curriculum requirements

Ar327 To complete the curriculum a candidate shall:

- (a) satisfy the requirements prescribed in UG5 of the Regulations for First Degree Curricula;
- (b) enrol in courses of a total of 240 credits, comprising a professional core of 132 credits, 6 credits in an English-in-the-Discipline course, 6 credits in Chinese language enhancement¹, 6 credits in Artificial Intelligence Literacy, 36 credits of Common Core courses, and 54 credits of free electives;
- (c) complete a non-credit bearing Academic Communication in English course², a non-credit bearing course in national education and national security education, and any other non-credit bearing courses as may be required from time to time;
- (d) follow instruction in the courses as prescribed under these regulations and complete satisfactorily all coursework requirements set as tests or as parts of any assessment and practical work, maybe outside Hong Kong, to be undertaken as an integral part of the degree of BA(UrbanStud); and
- (e) satisfy the examiners in the assessment of the courses in the manner specified in the regulations and syllabuses.

Ar328 Progression in curriculum

- (a) Candidates shall normally be required to take not fewer than 24 credits nor more than 30 credits in any one semester (except the summer semester) unless otherwise permitted or required by the Board of the Faculty, or except in the last semester of study when candidates may be required to take fewer than 24 credits to satisfy the outstanding curriculum requirements.
- (b) Candidates may, of their own volition, take additional credits not exceeding 6 credits in each semester, and/or further credits during the summer semester, accumulating up to a maximum of 72 credits in one academic year. With the special permission of the Board of the Faculty, candidates may exceed the annual study load of 72 credits in a given academic year provided that the total number of credits taken does not exceed 288 credits for the normative period of study specified in Ar323, save as provided for under Ar328(c).

¹ Candidates who did not study Chinese language during their secondary education and have not reached the required proficiency level for the Chinese language enhancement course specified for the degree curriculum may take a course in either Chinese language or Chinese culture in lieu.

² 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 completing Academic Communication in English.

- (c) Where candidates are required to make up for failed credits, the Board of the Faculty may give permission for candidates to exceed the annual study load of 72 credits provided that the total number of credits taken does not exceed 432 credits for the maximum period of registration specified in Ar323.
- (d) Candidates may, with the approval of the Board of the Faculty, transfer credits for courses completed at other institutions at any time during their candidature. The number of transferred credits may be recorded in the transcript of the candidate, but the results of courses completed at other institutions shall not be included in the calculation of the GPA. The number of credits to be transferred shall not exceed half of the total credits normally required under the degree curricula of the candidates during their candidature at the University.
- (e) Unless otherwise permitted by the Board of the Faculty, candidates shall be recommended for discontinuation of their studies if they have:
 - (i) failed to complete successfully 36 or more credits in two consecutive semesters (not including the summer semester), except where they are not required to take such number of credits in the given two semesters, or
 - (ii) failed to achieve an average Semester GPA of 1.0 or higher for two consecutive semesters (not including the summer semester), or
 - (iii) exceeded the maximum period of registration specified in the regulations of the degree.
- (f) Candidates may be required by the Board of Examiners to take a reduced study load of not fewer than 24 credits if their academic progression is unsatisfactory.

Assessment

Ar329 Candidates shall be assessed for each of the courses for which they have registered, and assessment may be conducted in any combination of continuous assessment of coursework, written examinations and/or any other assessable activities. Only passed courses will earn credits. Grades shall be awarded in accordance with UG8(a) of the Regulations for First Degree Curricula.

- Ar330** (a) Candidates who are unable, because of illness, to be present at the written examination of any course may apply for permission to present themselves at a supplementary examination of the same course to be held before the beginning of the first semester of the following academic year. Any such application shall be made on the form prescribed within seven calendar days of the first day of the candidate's absence from any examination. Any supplementary examination shall be part of that academic year's examinations, and the provisions made in the regulations for failure at the first attempt shall apply accordingly.
- (b) Candidates who are unable, because of illness, to be present at any assessment task of any course may apply for permission to present themselves for supplementary assessment of the same course to be held in a manner prescribed at the Department's discretion.

Ar331 Candidates shall not be permitted to repeat a course for which they have received a D grade or above for the purpose of upgrading.

Ar332 There shall be no appeal against the results of examinations and all other forms of assessment.

Ar333 Failure in Assessment

- (a) Candidates are required to make up for failed courses in the following manner as prescribed by the Board of Examiners:
- (i) undergoing re-assessment / re-examination in the failed course to be held no later than the beginning of the first semester of the following academic year; or
 - (ii) re-submitting failed coursework, without having to repeat the same course of instruction in the summer semester; or
 - (iii) repeating the failed course(s) by undergoing instruction and satisfying the assessments; or
 - (iv) for elective courses, taking another course *in lieu* and satisfying the assessment requirements.
- (b) Where candidates are permitted or required to present themselves for re-assessment / re-examination / assessment in an alternative course, the new grade obtained together with the previous F grade shall be recorded on the transcript and will be included in the calculation of the semester GPA, the year GPA, the cumulative GPA and graduation GPA.
- (c) The maximum number of attempts for a particular course or requirement is three.
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Honours classifications

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- (a) Honours classifications shall be awarded in five divisions: First Class Honours, Second Class Honours Division One, Second Class Honours Division Two, Third Class Honours, and Pass. The classification of honours shall be determined by the Board of Examiners for the degree in accordance with the following Graduation GPA scores (GGPA), with all courses taken (including failed courses) carrying weightings proportionate to their credit values³:

<i>Class of honours</i>	<i>GGPA range</i>
First Class Honours	3.60 – 4.30
Second Class Honours	(2.40 – 3.59)
Division One	3.00 – 3.59
Division Two	2.40 – 2.99
Third Class Honours	1.70 – 2.39
Pass	1.00 – 1.69

- (b) Honours classification may not be determined solely on the basis of a candidate's Graduation GPA and the Board of Examiners for the degree may, at its absolute discretion and with justification, award a higher class of honours to a candidate deemed to have demonstrated meritorious academic achievement but whose Graduation GPA falls below the range stipulated in Ar334(a) of the higher classification by not more than 0.1 Grade

³ For students in the 2025-26 intake and thereafter who have successfully completed six 6-credit Common Core courses, the calculation of Graduation GPA is subject to the proviso that either five 6-credit Common Core courses with the highest grades (covering all five Areas of Inquiry), or all six 6-credit courses will be counted towards Graduation GPA, depending on which generates the higher Graduation GPA. For students who have successfully completed two 3-credit Common Core Microcredentials in place of one 6-credit Common Core course, the average grade point of the two 3-credit courses will be treated as the grade point of one 6-credit Common Core course.

Point.

- (c) A list of candidates who have successfully completed all degree requirements shall be posted on Faculty noticeboards.

/BAUS Regulations 2025-26 cohort and thereafter

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

AR7/726

These syllabuses are applicable to candidates admitted to the Bachelor of Arts in Urban Studies curriculum in the 2026-27 academic year and thereafter.

Candidates admitted in 2026-27 and thereafter are required to take a professional core of 132 credits (including 126 credits of core courses and 6 credits of a Faculty Interdisciplinary course), plus 6 credits in an English-in-the-Discipline course, 6 credits in Chinese Language Enhancement, 6 credits in Artificial Intelligence Literacy, 36 credits of Common Core courses, and 54 credits of electives, totalling 240 credits for the 4-year curriculum. Successful completion of any other non-credit bearing courses as required by the University forms part of the graduation requirements.

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.

Candidates are advised to refer to the Credit Unit Statement for details related to the courses offered, such as contact hours, student learning hours, workload, and assessment methods.

The syllabuses of the Bachelor of Arts in Urban Studies shall comprise the following requirements:

University Requirements

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

(i) One 6-credit course in English-in-the-Discipline and one 6-credit course in Chinese language enhancement ¹	12 credits
(ii) 36 credits of courses in the Common Core Curriculum, comprising at least 6 credits and not more than 12 credits 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
(iii) Two 3-credit courses in Artificial Intelligence Literacy (i.e. AILT1001 Artificial Intelligence Literacy I and AILT9010 AI in the Built	6 credits

¹ Students are required to successfully complete the 6-credit Faculty-specific Chinese language enhancement course, except for:

- Putonghua-speaking students who should take “CUND9001 Basic Spoken and Written Cantonese for Mandarin Speakers”, “CUND9002 Practical Chinese and Hong Kong Society”, “CUND9003 Cantonese for Non-Cantonese Speaking Students” or “CUND9004 Practical Applied Chinese Writing and Effective Presentation Skills for Non-local Mandarin Speaking Students”; and
- 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 take a 6-credit course in either Chinese Language (CHIN9501 Chinese as a Foreign Language I or CHIN9511 Cantonese as a Foreign Language I) or Chinese Culture (CHIN9521 The Fundamentals of Chinese Characters or CHIN9522 Exploration of Major Cultural Themes across Chinese History) offered by the Chinese Language Centre of the School of Chinese, to satisfy the Chinese language enhancement requirement.

Environment)	
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Candidates are also required to complete a non-credit bearing Academic Communication in English course², a non-credit bearing course in national education and national security education, and any other non-credit bearing courses as may be required from time to time.

Faculty Requirements

6 credits of a compulsory Faculty Interdisciplinary course, which must be completed successfully:

One 6-credit Faculty Interdisciplinary course: - AFIC1005 Introduction to the Built Environment	6 credits
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Programme Structure

Core Course List	Credits	2026 intake and thereafter
URBS1003 Theories and Global Trends in Urban Development	6	Year 1
URBS1004 Urban Analytics Studio	6	Year 1
URBS1005 Urban Problems, Interventions and Design Thinking	6	Year 1
CAES1001 Academic Communication in English	0	Year 1
UGRE1001 Introduction to the Constitution, the Basic Law and the National Security Law	0	Year 1 - 4
CEUC9001 Practical Chinese for Surveying, Urban Studies and Conservation Students	6	Year 1
AILT1001 Artificial Intelligence Literacy I	3	Year 1
AILT9010 AI in the Built Environment	3	Year 1
AFIC1005 Introduction to the Built Environment	6	Year 1
Two Common Core courses	12	Year 1
Two Elective courses	12	Year 1
CAES9121 Communication Course for Architecture Students	6	Year 2
URBS2007 Urban Process and City Design Studio	12	Year 2

² 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 completing Academic Communication in English.

URBS2005 Research Methods in Urban Studies	6	Year 2
URBS2008 Design Graphics Studio	6	Year 2
URBS2010 Urban Planning and Urban Management	6	Year 2
RECO2042 Introduction to Law	6	Year 2
RECO1021 Urban and Land Economics	6	Year 2
Two Common Core course	12	Year 2
URBS3005 Development Appraisal Studio	12	Year 3
URBS3008 Urban Policy and Governance	6	Year 3
URBS3009 BIM, CIM and New Urban Data Applications	6	Year 3
URBS3006 Planning and Development Laws	6	Year 3
Two Common Core courses	12	Year 3
Three Elective courses	18	Year 3
URBS4005 Development Scenarios and Impact Assessment Studio	12	Year 4
URBS4006 Urban Research Studio	12	Year 4
RECO3038 Real Estate Investment and Finance	6	Year 4
URBS4007 Urban Environmental Science and Design	6	Year 4
Four Elective courses	24	Year 4

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, a Faculty Interdisciplinary course 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.

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.

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.

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 Urban 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.

Course Offerings for Minor in Urban Studies

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	(6 credits)
RECO1021 Urban and Land Economics	(6 credits)
URBS1005 Urban Problems, Interventions and Design Thinking	(6 credits)
URBS2010 Urban Planning and Urban Management	(6 credits)
URBS2005 Research Methods in Urban Studies	(6 credits)
URBS3008 Urban Policy and Governance	(6 credits)
URBS4007 Urban Environmental Science and Design	(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.

Course Description

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

CAES1001 Academic Communication in English (0 credit)

The course is designed to equip first-year undergraduate students with a solid foundation in academic English literacy to succeed in their university studies. The course is dedicated to nurturing students' competencies in an English-medium university environment and fostering their confidence in effective oral, written, and visual communication. This is achieved by cultivating students' critical reading skills, information literacy skills, and digital literacy skills for academic English learning. The course also provides students with a comprehensive understanding of academic rhetoric across different mediums, including written, spoken, and visual tasks. By familiarizing students with the key genres and communication conventions in university education, the course empowers students to apply the acquired knowledge and skills to Common Core Courses.

Assessment: 100% continuous coursework assessment

CEUC9001 Practical Chinese for Surveying, Urban Studies and Conservation Students (Certified Communication-intensive Course [CiC])³ (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

³ A certified Communication-intensive Course (CiC) 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.

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

AFIC1005 Introduction to the Built Environment (6 credits)

The course is a broad-based survey about different disciplines in the built environment, exposing students to the broad theories, methods and key questions of the various disciplines within the Faculty of Architecture, and examining how different disciplines work together for a better built environment.

Assessment: 70% continuous coursework assessment and 30% examination

AILT1001 Artificial Intelligence Literacy I (3 credits)

Artificial Intelligence (AI) literacy is essential for navigating our modern society effectively and responsibly. This course provides students with the skills and knowledge needed to understand AI concepts, interact with AI systems, and critically evaluate their impact. Through lectures, online learning activities and a practical project, students will explore the ethical, social, and technological dimensions of AI, preparing them to make informed decisions in a world that is increasingly AI-driven.

Assessment: 100% continuous coursework assessment

AILT9010 AI in the Built Environment (3 credits)

The course focuses on various applications, underlying concepts, and theories of artificial intelligence (AI) within different Built Environment (BE) disciplines It will enable students to:

1. Explore latest AI applications / approaches within the BE.
2. Understand current and potential uses, limitations, ethical considerations, adaptations, and the future development of various applications / approaches.
3. Engage in practical exercises using key AI tools.

The course will comprise:

1. Lectures, tutorials, coursework exercises and/or quizzes.

Assessment: 100% continuous coursework assessment

2 Common Core courses (12 credits)

2 Elective courses (12 credits)

Year 2

CAES9121 Communication Course for Architecture Students (Certified Communication-intensive Course[CiC])³ (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: 60% continuous coursework assessment and 40% examination

URBS2008 Design Graphics Studio (6 credits)

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

Pre-requisite: URBS1003 Theories and Global Trends in Urban Development or URBS1005 Urban Problems, Interventions and Design Thinking

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 intellectual property rights and elementary public law.

Assessment: 20% continuous coursework assessment and 80% examination

RECO1021 Urban and Land Economics (6 credits)

This course will include the fundamental theories of urban and land economics: urbanization and economic growth; agglomeration and network economies; path dependence; urban land markets; land use models; spatial equilibrium model; land development cycles; land value and property value; government policy controls; and external shocks to land markets. In addition, this course will introduce the application of agent-based models to simulate land use outcomes based on the principles of aforementioned theories.

Assessment: 100% continuous coursework assessment

2 Common Core courses (12 credits)

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.

Assessment: 100% continuous coursework assessment

Pre-requisite: URBS2007 Urban Process and City Design Studio

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

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 courses (12 credits)

3 Elective courses (18 credits)

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)

This course introduces the commercial real estate market, presents financial economic principles, concepts, and tools for the analysis of real estate from an investment perspective, and extends such analysis to examine leverage and equity securitization.

Assessment: 100% continuous coursework assessment

Pre-requisite: RECO1021 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 Elective courses (24 credits)

Elective courses

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