The University of Hong Kong

Department of Civil Engineering

Guidelines for Course Enrollment

2025-26

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Academic Advisory Committee

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Department of Civil Engineering

Academic Advisory Committee

Students concerned	Teacher-in-charge		Contacts
Year 4 or above	Dr. K.H. Law		adalaw@hku.hk COB LG-207F
Year 3	Dr. T.F.M Chui		maychui@hku.hk HW 6-24
Year 2	Dr. C.P. Wong		cpwryan@hku.hk COB LG-207C
General matters	Dr. S.H. Cheung		jhcheung@hku.hk HW 5-23

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Online Course Selection

(https://aas.hku.hk/important-academic-dates/)

Online Course Selection – Important Dates

Date & Time	Action
A. First Semester (2025)	
28 Jul (Mon) 10 am	System open to preview available courses
5 Aug (Tue): 10 am –Yr. 4 or above 12 pm –Yr. 3 2 pm –Yr. 2	Course selection available for students
6 Aug (Wed) 9 am - 2:29 pm	Suspension period
11 Aug (Mon) 4 pm	System closed
After 11 Aug (Mon) 4 pm	Students will not be allowed to make any changes to their course selection until the add/drop period.

Note: Students can enroll the second semester courses **10 MINUTES LATER**.

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Online Course Selection – Important Dates

Date & Time	Action
A. First Semester (2025) – Cont'	
1 Sep (Mon): 12 pm – Yr. 2 2 pm – Yr. 3 4 pm – Yr. 4 or above	Add/drop period starts.
2 Sep (Tue) 12 pm – 4:59 pm	Suspension period
15 Sep (Mon) 4 pm	System closed. Add/drop period ends.
After 15 Sep (Mon) 4 pm	Students will not be allowed to make any changes to their course selection.

Note: Students can enroll the second semester courses in the first semester add/drop period.

Online Course Selection – Important Dates

Date & Time	Action
B. Second Semester (2026)	
19 Jan (Mon): 12 pm – Yr. 2 2 pm – Yr. 3 4 pm – Yr. 4 or above	Add/drop period starts.
20 Jan (Tue) 12 pm – 4:59 pm	Suspension period
2 Feb (Mon) 4 pm	System closed. Add/drop period ends.
After 2 Feb (Mon) 4 pm	Students will not be allowed to make any changes to their course selection.

Note: Students can enroll the summer semester courses in the second semester add/drop period.

Online Course Selection – Important Dates

Date & Time	Action
C. Summer Semester (2026)	
15 Jun (Mon) 10 am	Add/drop period starts.
16 Jun (Tue) 12 pm – 4:59 pm	Suspension period
22 Jun (Mon) 4 pm	System closed. Add/drop period ends.
After 22 Jun (Mon) 4 pm	Students will not be allowed to make any changes to their course selection.

Enrollment Information

Enrollment Information

- Softcopy of Course Enrollment Information Sheet: http://www.civil.hku.hk/civil_intranet/index.html
  - Under B. Eng. → Enrollment
- The above sheet is for information only, students are required to *do the course enrollment ONLINE*.

THE UNIVERSITY OF HONG KONG
FACULTY OF ENGINEERING
Course Enrollment Information (2025-2026)
BEng in Civil Engineering
(For 4-year cohort students admitted in 2025)

NOTE

1. Students shall normally select not less than 30 and not more than 36 credit-units of courses in each semester, unless otherwise permitted or required by the Board of the Faculty (via the Department).
2. Subjected to having a satisfactory academic progress, students may be allowed to take more credit-units. Anyhow, the maximum credit-units of courses in each semester should not exceed the following limits.

Programme	Year 1 - 4
CivE	36 credit-units
CivE w/Minor, CivE-BBA	36 credit-units

3. Students who have overloaded in preceding semesters will be allowed to reduce the load by up to the equivalent numbers of credit-units they have passed in excess of the normal load in a subsequent semester without having to seek prior approval.
4. Students are not allowed to take any courses with timetable clashes. Please check with the timetable before entering data in the online enrolment system.
5. Students are required to check with any pre-requisite requirements for the courses to be enrolled.

Course Code	Course Title	Pre-requisite
CIME2101	Water and air quality: concepts and measurement	CIVL1105
CIVL1117	Construction materials	ENGG1300
CIVL1118	Structural mechanics	ENGG1300
CIVL2104	Hydraulics & hydrology	CIVL2103
CIVL2106	Soil mechanics	CIVL1118
CIVL2112	Structural analysis	CIVL1118
CIVL2113	Structural design	CIVL2112
CIVL3106	Engineering hydraulics	CIVL2103
CIVL3107	Environmental impact assessment of civil engineering projects	CIVL1105 and CIVL2103
CIVL3108	Foundation engineering	CIVL2102 and CIVL2106
CIVL3111	Wastewater treatment	CIVL1105 and CIVL2103
CIVL3112	Prestressed concrete structures	CIVL2113
CIVL3114	Slope engineering	CIVL2102 and CIVL2106
CIVL3116	Steel structures	CIVL2113
CIVL3120	Transportation infrastructures engineering	CIVL2111
CIVL3121	Water resources engineering	CIVL1105 and CIVL2103
CIVL3122	Wind engineering	CIVL2103
CIVL3126	Engineering practice in Mainland China	CIVL2113
CIVL3128	Structural dynamics and earthquake engineering	CIVL2113
CIVL3129	Numerical analysis in geotechnical engineering	CIVL2106
CIVL3130	Structural fire engineering	CIVL2113
CIVL3131	Earth retaining system	CIVL2106
CIVL3132	Geotechnical testing, instrumentation and monitoring	CIVL2106
CIVL3133	Ground improvement	CIVL2106
CIVL3134	Environmental geotechnology	CIVL2106
CIVL3135	Advanced structural analysis	CIVL2112
CIVL3138	Advanced theory and design of structures	CIVL2113
CIVL3139	Building information modelling (BIM) management for civil engineering	CIVL1115

FOR INFORMATION ONLY

6. New Year 1 students are not encouraged to take any Advanced Core Courses, Capstone Experience Course or Discipline Elective Courses specified in Sections 2B, 2C, 3A, and 3B.

Notes for Course Enrollment

- Maximum study load = 36 credits in one semester; ***AND***
- Maximum study load = 72 credits in one academic year, including summer semester (according to UG4: https://www4.hku.hk/pubunit/drcd/files/ugdr2021-22/first-degree.pdf)
- Unused credits shall NOT be carried forward to the next semester,
  i.e. Sem. 1 = 30 and Sem. 2 = 42 is NOT acceptable.
- Minimum study load = 24 credits per semester
  (except summer semester and in the last semester of study when the number of outstanding credits required to complete the curriculum requirements is fewer than 24 credits.)
- For retaking courses, the credits will be counted and the above rules MUST be satisfied.
  i.e. If you need to retake a 6-credit course, you can just take 30 credits of new courses (~ 5 courses of 6 credits each) in one semester.

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Notes for Course Enrollment

- CIVL4101 Capstone Design Project and CIVL4102 Project are full-year courses. The course loading is spread evenly between the 2 semesters, i.e.
  - Semester 1: CIVL4101 – 3 credits & CIVL4102 – 6 credits
  - Semester 2: CIVL4101 – 3 credits & CIVL4102 – 6 credits

- The Department may cancel the sub-class/elective course if the class size is too small. You will be informed of the change of sub-class by email if your originally enrolled sub-class is cancelled. Please take note of this especially for courses with laboratory sessions.

Graduation Criteria

Syllabus

Examples of structured programmes are available here:

http://engg.hku.hk/home/syllabuses.htm

CIVIL ENGINEERING

SYLLABUS

The syllabus applies to students admitted in the academic year 2023-24 and thereafter under the four-year curriculum.

Definition and Terminology

Each course offered by the Department of Civil Engineering shall be classified as either introductory level course or advanced level course.

A Discipline Core course is a compulsory course which a candidate must pass in the manner provided for in the Regulations.

A Discipline Elective course refers to any technical course offered by the Department of Civil Engineering for the fulfillment of the curriculum requirements of the degree of BEng in Civil Engineering that are not classified as discipline core course.

Curriculum

The Curriculum comprises 240 credits of courses as follows:

Engineering Core Courses
Students are required to complete at least 42 credits of Engineering Core Courses.

Discipline Core Courses
Students are required to complete ALL discipline core courses (78 credits), comprising 24 credits of introductory core courses and 54 credits of advanced core courses.

Discipline Elective Courses
Students are required to complete at least 36 credits of advanced discipline elective courses offered by the Department of Civil Engineering.

Elective Courses
Students are required to complete 18 credits of elective course(s) offered by either the Department of Civil Engineering, or other departments within or outside of the Faculty of Engineering.

University Requirements
Students are required to complete:

a) 12 credits in English language enhancement, including 6 credits in "CAES1000 Core University English" and 6 credits in "CAES9540 Technical English for Civil Engineering";
b) 6 credits in Chinese language enhancement course "CENG9001 Practical Chinese for engineering students";
c) 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; and
d) non-credit bearing courses as required by the University.

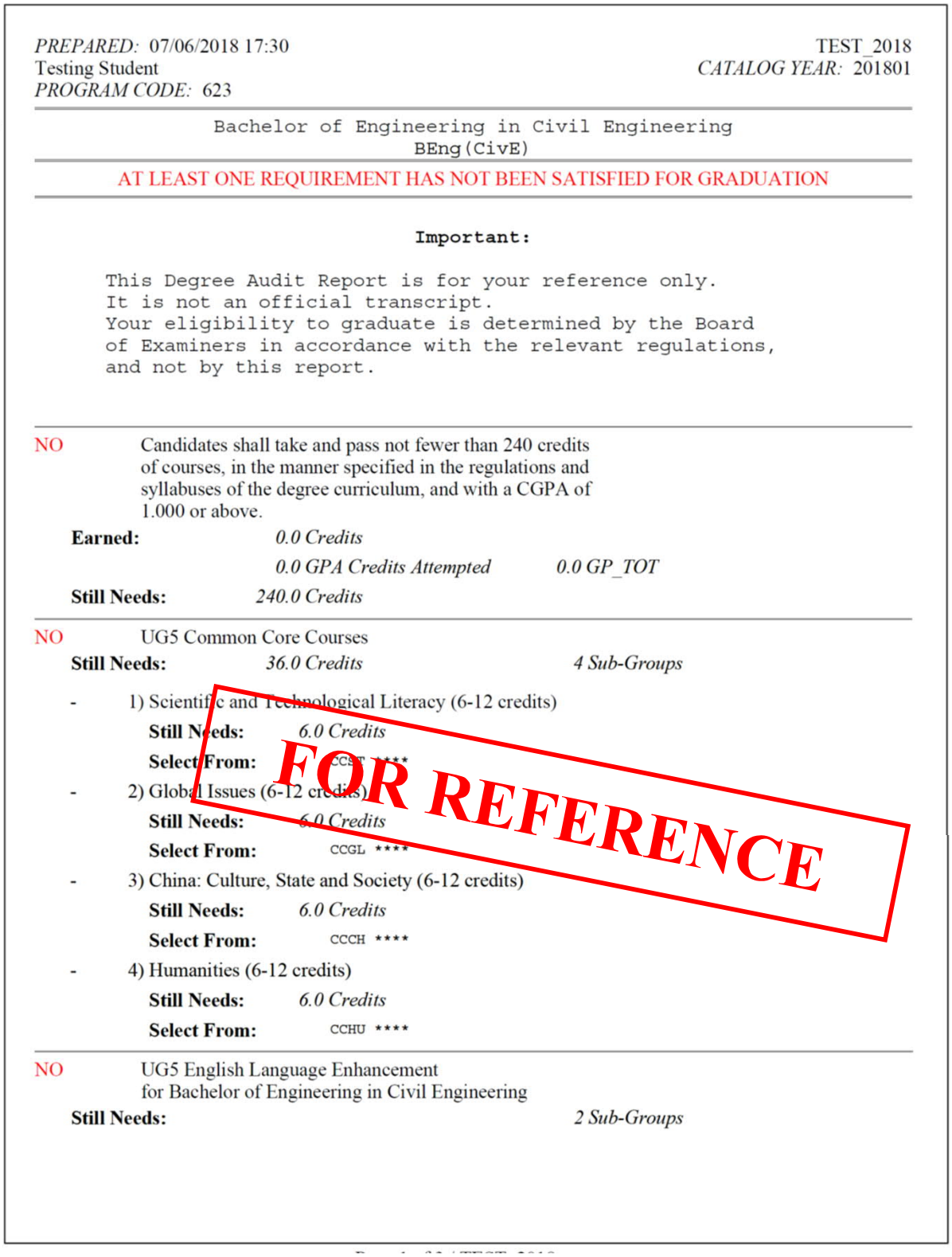
Capstone Experience
Students are required to complete the 12-credit "CIVL4102 Project" to fulfill the capstone experience requirement for the degree of BEng in Civil Engineering.

Graduation Criteria

- Apply for "Degree audit Report" or "Academic Attainment Profile" in SIS system.
- Students can access the "Degree Audit System" via HKU Portal.

  Navigation:

  My Page (tab) → SIS Menu
  → Academic Records
  → My Degree Audit



PREPARED: 07/06/2018 17:30
Testing Student
PROGRAM CODE: 623

TEST_2018
CATALOG YEAR: 201801

Bachelor of Engineering in Civil Engineering
BEng(CivE)

AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED FOR GRADUATION

Important:

This Degree Audit Report is for your reference only.
It is not an official transcript.
Your eligibility to graduate is determined by the Board
of Examiners in accordance with the relevant regulations,
and not by this report.

NO Candidates shall take and pass not fewer than 240 credits of courses, in the manner specified in the regulations and syllabuses of the degree curriculum, and with a CGPA of 1.000 or above.

Earned: *0.0 Credits*
0.0 GPA Credits Attempted *0.0 GP_TOT*
Still Needs: *240.0 Credits*

NO UG5 Common Core Courses
Still Needs: *36.0 Credits* *4 Sub-Groups*

- 1) Scientific and Technological Literacy (6-12 credits)
  Still Needs: *6.0 Credits*
  Select From: CCST ****
- 2) Global Issues (6-12 credits)
  Still Needs: *6.0 Credits*
  Select From: CCGL ****
- 3) China: Culture, State and Society (6-12 credits)
  Still Needs: *6.0 Credits*
  Select From: CCCH ****
- 4) Humanities (6-12 credits)
  Still Needs: *6.0 Credits*
  Select From: CCHU ****

NO UG5 English Language Enhancement for Bachelor of Engineering in Civil Engineering
Still Needs: *2 Sub-Groups*

FOR REFERENCE

Requirements from HKIE

Programme Outcomes of BEng in Civil Engineering Programme

There are 12 programme outcomes:

(a) an ability to apply knowledge of mathematics, science, and engineering appropriate to the degree discipline

(b) an ability to design and conduct experiments, as well as to analyse and interpret data

(c) an ability to design a system, component or process to meet desired needs within realistic constraints, such as economic, environmental, social, political, ethical, health and safety, manufacturability / buildability and sustainability

(d) an ability to function on multi-disciplinary teams

(e) an ability to identify, formulate and solve engineering problems

(f) an ability to understand professional and ethical responsibility

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(g) an ability to communicate effectively

(h) an ability to understand the impact of engineering solutions in a global and societal context, especially the importance of health, safety and environmental considerations to both workers and the general public

(i) an ability to stay abreast of contemporary issues

(j) an ability to recognise the need for, and to engage in life-long learning

(k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice appropriate to the degree discipline

(l) an ability to use the computer/IT tools relevant to the discipline along with an understanding of their processes and limitations

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- BEng (Hons) Degree in Civil Engineering (including the programme under the double degree in BEng/BBA) is eligible for Scheme "A" in Civil, Geotechnical and Structural Disciplines.
- BEng (Hons) Degree in Civil Engineering (including the programme under the double degree in BEng/BBA) is eligible for Scheme "A" in Environmental Discipline on the condition that the graduate must have taken 2 elective courses from either 2 of the following 3 categories:
  - Either CIVL3111 Wastewater Treatment OR CIVL3121 Water Resources Engineering
  - CIVL3107 Environmental Impact Assessment of Civil Engineering Projects
  - CIVL3115 Solid and Hazardous Waste Management

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- BEng (Hons) Degree in Civil Engineering (including the programme under the double degree in BEng/BBA) is eligible for Scheme "A" in Logistics & Transportation Discipline on the condition that the graduate must have taken any 2 of the following courses:
  - CIVL2111 Transportation Engineering
  - CIVL3119 Traffic Engineering
  - CIVL3120 Transportation Infrastructure Engineering

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Disciplinary Elective Courses offered in 2025-26

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Structural Engineering

Course Code	Course Name	Course Teacher(s)	Semester
CIVL3112	Prestressed concrete structures	Dr. CCY Leung	1
CIVL3128	Structural dynamics and earthquake engineering	Dr. RKL Su	1
CIVL3116	Steel structures	Prof. TM Chan	2
CIVL3138	Advanced theory and design of structures	Dr. KH Law & Dr. H Ye	2
CIVL3141	Applied Deep Learning for Civil Engineer	Dr. J Wang	2

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Geotechnical Engineering

Course Code	Course Name	Course Teacher(s)	Semester
CIVL3108	Foundation engineering	Dr. YM Cheng	1
CIVL3129	Numerical analysis in geotechnical engineering	Dr. CY Kwok	1
CIVL3133	Ground improvement	Dr. CE Choi	1
CIVL3131	Earth retaining system	Dr. HN Wong	1
CIVL3114	Slope engineering	Dr. CE Choi	2
CIVL3134	Environmental geotechnology	Dr. MM Hu	2

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Water and Environmental Engineering

Course Code	Course Name	Course Teacher(s)	Semester
CIVL3106	Engineering hydraulics	Dr. MF Guan, Dr. KM Lam & a part-time teacher	1
CIVL3107	Environmental impact assessment of civil engineering projects	Dr. KM Lam & Dr. CX Wang	1
CIVL3115	Solid and hazardous waste management	Prof. K Shih & a part-time teacher	2
CIVL3121	Water resources engineering	Dr. M Chui & part-time teachers	2

Transportation Engineering & Project Management

Course Code	Course Name	Course Teacher(s)	Semester
CIVL3119	Traffic engineering	Prof. SC Wong & Prof. WY Szeto	1
CIVL3125	Law for civil engineers	Part-time teachers	1
CIVL3103	Construction project management	Dr. CCY Leung	1 & 2
CIVL3120	Transportation infrastructure engineering	Prof. CK Mak & part-time teachers	2
CIVL3139	Building information modelling (BIM) management for civil engineering	A Part-time teacher	2
CIVL3140	Artificial intelligence in Civil Engineering	Dr. JT Ke	2

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Other Points to Note

Other Points to Note

- Rule for supplementary exams:
  - If students are sick with med. cert. and cannot attend exam, they are allowed to take supplementary exam arranged in the same semester.
  - If students are absent in supplementary exams, they are required to retake the whole course even if they have med. cert.
- Students who have showed up in the exam are NOT allowed to take supplementary exam even if they have med. cert.
- For final year students, please note that
  - since the results of supplementary exam for courses in Sem. 1 will be released after add/drop period of Sem. 2, you are suggested to enrol the course first. If you got a pass, the Faculty can help you drop the course;
  - the results of supplementary exam for courses in Sem. 2 will be released late and even if you pass the course, you will not be able to join the Congregation in July. You can only join the virtual Congregation in August.

Other Points to Note

- Year 3 students with advanced standing are allowed to take both CIVL4101 Capstone Design Project and CIVL4102 Project for earlier graduation. Please talk to the enrollment tutor about your study plan to get the approval since only Year 4 students are allowed to enroll these two courses in SIS.
- Even if you have assigned a project topic for CIVL4102 Project, you have to enroll the course yourself in SIS.
- "Green Card" Safety course is COMPULSORY and passing the course will be one of the assessment requirements under the course CIVL2114 Internship.

END