

The University of Hong Kong
Department of Civil Engineering
Guidelines for Course Enrollment
2026-27



- Academic Advisory Committee
- Online Course Selection – Important Dates
- Enrollment Information
- Graduation Criteria
- Disciplinary Elective Courses offered in 2026-27
- Other Points to Note
- Q&A

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. S.H. Cheung		jhcheung@hku.hk HW 5-23
Year 1	Dr. C.P. Wong		cpwryan@hku.hk COB LG-207C

Online Course Selection

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



Online Course Selection – Important Dates

*Guidelines for
Course Enrollment*

Date & Time	Action
<u><i>A. First Semester (2026)</i></u>	
27 Jul (Mon) 10 am	System open to preview available courses
4 Aug (Tue): 10 am –Yr. 4 or above 12 pm –Yr. 3 2 pm –Yr. 2	Course selection available for students
5 Aug (Wed) 9 am - 2:29 pm	Suspension period
10 Aug (Mon) 4 pm	System closed
After 10 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.**

Date & Time	Action
<u>A. First Semester (2026) – Cont'</u>	
1 Sep (Tue): 12 pm – Yr. 2 2 pm – Yr. 3 4 pm – Yr. 4 or above	Add/drop period starts.
2 Sep (Wed) 12 pm – 4:59 pm	Suspension period
15 Sep (Tue) 4 pm	System closed. Add/drop period ends.
After 15 Sep (Tue) 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

*Guidelines for
Course Enrollment*

Date & Time	Action
<u>B. Second Semester (2027)</u>	
18 Jan (Mon): 12 pm – Yr. 2 2 pm – Yr. 3 4 pm – Yr. 4 or above	Add/drop period starts.
19 Jan (Tue) 12 pm – 4:59 pm	Suspension period
1 Feb (Mon) 4 pm	System closed. Add/drop period ends.
After 1 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.

Date & Time	Action
<u>C. Summer Semester (2027)</u>	
14 Jun (Mon) 10 am	Add/drop period starts.
15 Jun (Tue) 12 pm – 4:59 pm	Suspension period
21 Jun (Mon) 4 pm	System closed. Add/drop period ends.
After 21 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_internet/index.html

- Under B. Eng. → Enrollment

- The above sheet is for information only, students are required to *do the course enrollment ONLINE*.

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
CIVL2117	Construction materials	ENGG1300
CIVL2118	Structural mechanics	ENGG1300
CIVL2104	Hydraulics & hydrology	CIVL2103
CIVL2106	Soil mechanics	CIVL1118
CIVL2112	Structural analysis	CIVL1118
CIVL2113	Structural design	CIVL2112
CIVL3106	Engineering hydraulics	CIVL2104
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

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.

- 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.

- 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:

- 12 credits in English language enhancement, including 6 credits in “CAES1000 Core University English” and 6 credits in “CAES9540 Technical English for Civil Engineering”;
- 6 credits in Chinese language enhancement course “CENG9001 Practical Chinese for engineering students”;
- 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
- 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.

FOR INFORMATION ONLY

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
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- 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
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FOR REFERENCE

Requirements from HKIE



- (a) apply knowledge of mathematics, natural science, computer science and engineering appropriate to the degree discipline to develop solutions to complex engineering problems
- (b) identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences with holistic considerations for sustainable development*
- (c) design creative and sustainable solutions for complex engineering problems and design systems, components or processes to meet identified needs with appropriate economic, environmental, social, political, ethical, cultural, health and safety, whole-life cost, net zero carbon, manufacturability considerations as required
- (d) conduct investigations of complex engineering problems using research methods including research-based knowledge, design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions

- (e) create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to support detailed analysis of complex engineering problems, and recognise limitations of such techniques, resources and tools
- (f) analyse and evaluate the impact of engineering solutions in a global, economic, environmental and societal context, especially the importance of health, safety, legal, and sustainable development* considerations to both workers and the general public when solving complex engineering problems
- (g) apply ethical principles and commit to professional ethics and norms of engineering practice and adhere to relevant national and international laws with the understanding of the need for diversity and inclusion
- (h) function effectively as an individual, and in different roles of diverse and inclusive teams and in various settings as needed

- (i) communicate effectively and inclusively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, taking into account cultural, language, and learning differences
- (j) apply knowledge of engineering management principles and economic decision making to one's own work, and to manage projects and in multidisciplinary environments
- (k) stay abreast of contemporary issues and recognise the need for, and have the preparation and ability for i) independent and life-long learning, ii) adaptability to new and emerging technologies, and iii) critical thinking in the context of technological change

- 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

- 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

*Disciplinary Elective
Courses offered in
2026-27*



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	Dr. S Li	2
CIVL3138	Advanced theory and design of structures	Dr. KH Law & Dr. H Ye	2

Course Code	Course Name	Course Teacher(s)	Semester
CIVL3108	Foundation engineering	Dr. YM Cheng	1
CIVL3131	Earth retaining system	Dr. YM Cheng	1
CIVL3133	Ground improvement	Dr. CE Choi	1
CIVL3114	Slope engineering	Dr. CE Choi	2
CIVL3129	Numerical Analysis in Geotechnical Engineering	Dr. Y Zhao	2

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. TFM Chui & part-time teachers	2

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
CIVL3139	Building information modelling (BIM) management for civil engineering	Dr. X Li & a Part-time teacher	1 & 2
CIVL3120	Transportation infrastructure engineering	Prof. CK Mak & part-time teachers	2
CIVL3140	Artificial intelligence in Civil Engineering	Dr. JT Ke	2

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.

- 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

