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
CIVL1113	Engineering mechanics and materials	ENGG1300
CIVL2103	Fluid mechanics	ENGG1350
CIVL2104	Hydraulics & hydrology	CIVL2103
CIVL2106	Soil mechanics	CIVL1113
CIVL2112	Structural analysis	CIVL1113
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.

7. Only Year 4 students are allowed to enroll into the course "CIVL4102 Project" in Section 3B.

8. **Students should reserve 9:30 am – 12:30 pm of all Mondays and Wednesdays for laboratory sessions of civil engineering courses.**

9. Students who are going to exchange for either first or second semester should not enroll any full year courses.

PROCEDURES

1. Obtain approval (if needed) for common core courses and/or other courses offered by other departments.

2. Enter data in the Student Information System on or before the deadlines:

	Sem 1/Full Year Courses	Sem 2 Courses
Year 2 students:	from 14:00 on 2 August, 2023	from 14:10 on 2 August, 2023
Year 3 students:	from 12:00 on 2 August, 2023	from 12:10 on 2 August, 2023
Year 4 (or above) students:	from 10:00 on 2 August, 2023	from 10:10 on 2 August, 2023

   It is your responsibility to select the correct course(s). Any discrepancies will lead to your not being able to sit the right examinations.

3. Check the status of the selected courses from the Student Information System and make all necessary changes during the Add/Drop period: August 31 – 14 September, 2023 (16:00).

No amendments are allowed after the Add/Drop period (16:00, 14 September, 2023). For any queries, please contact Ms Betty Tsang of the Department at 3917 2286.

Name in BLOCK letters, surname first: _____

University number: ☐☐☐☐☐☐☐☐☐☐

YEAR

1. YEAR 1

Course Code	Course Title	No. of Credit Units	Semester
1.A. ENGINEERING CORE COURSES			
MATH1851	Calculus and ordinary differential equations	6	1 or 2
MATH1853	Linear algebra, probability & statistics	6	1 or 2
ENGG1300	Fundamental mechanics	6	1 or 2
ENGG1310	Electricity and electronics	6	1 or 2
ENGG1320	Engineers in the modern world	6	1 or 2
ENGG1330	Computer programming I	6	1 or 2
ENGG1350	Thermofluid mechanics	6	1 or 2
1.B. UNIVERSITY REQUIREMENTS			
CAES1000	Core University English	6	1 or 2
CCXXxxxx	Two Common Core Curriculum Courses	12	1 or 2

2. YEARS 2 and 3

Course Code	Course Title	No. of Credit Units	Semester
2.A. INTRODUCTORY CORE COURSES			
CIVL1105	Environmental engineering	6	1 or 2
CIVL1113	Engineering mechanics and materials	6	1 or 2
CIVL1115	Civil engineering informatics	6	1 or 2
MECH2407	Multivariables calculus and partial differential equations	6	1 or 2
2.B. ADVANCED CORE COURSES			
CIVL2102	Engineering geology and rock mechanics	6	1 or 2
CIVL2103	Fluid mechanics	6	1 or 2
CIVL2104	Hydraulics and hydrology	6	1 or 2
CIVL2106	Soil mechanics	6	1 or 2
CIVL2108	Principles of civil engineering management	6	1 or 2
CIVL2111	Transportation engineering	6	1 or 2
CIVL2112	Structural analysis	6	1 or 2
CIVL2113	Structural design	6	1 or 2

Course Code	Course Title	No. of Credit Units	Semester
2.C. DISCIPLINE ELECTIVE COURSES (Require at least 36 credits)			
CIME2101	Water and air quality: concepts and measurement	6	2
CIVL3101	Advanced engineering mechanics	6	2
CIVL3103	Construction project management	6	1 or 2
CIVL3106	Engineering hydraulics	6	1
CIVL3107	Environmental impact assessment of civil engineering projects	6	1
CIVL3108	Foundation engineering	6	1 or 2
CIVL3112	Prestressed concrete structures	6	1
CIVL3114	Slope engineering	6	2
CIVL3115	Solid and hazardous waste management	6	2
CIVL3116	Steel structures	6	2
CIVL3119	Traffic engineering	6	1
CIVL3120	Transportation infrastructure engineering	6	2
CIVL3121	Water resources engineering	6	2
CIVL3122	Wind engineering	6	1
CIVL3125	Law for civil engineers	6	1
CIVL3128	Structural dynamics and earthquake engineering	6	1
CIVL3129	Numerical analysis in geotechnical engineering	6	1
CIVL3131	Earth retaining system	6	**1**
CIVL3132	Geotechnical testing instrumentation and monitoring	6	2
CIVL3133	Ground improvement	6	1
CIVL3134	Environmental geotechnology	6	2
CIVL3138	Advanced theory and design of structures	6	2
CIVL3139	Building information modelling (BIM) management for civil engineering	6	2
CIVL3140	Artificial intelligence in civil engineering	6	2
2.D. INTERNSHIP			
CIVL2114	Internship	0	1
2.E. UNIVERSITY REQUIREMENTS			
CENG9001	Practical Chinese for engineering students	6	1 or 2
CCXXxxxx	Four Common Core Curriculum Courses	24	1 or 2

3. YEAR 4			
Course Code	Course Title	No. of Credit Units	Semester
3.A. ADVANCED CORE COURSE			
CIVL4101*	Capstone design project	6	1 and 2
3.B. CAPSTONE EXPERIENCE			
CIVL4102*	Project	12	1 and 2
3.C. DISCIPLINE ELECTIVE COURSES			
Please refer to 2.C.		18	
3.D. ELECTIVE COURSES (Require 18 credits)			
Courses offered by either the Department of Civil Engineering or other departments within or outside of the Faculty of Engineering		18	
3.E. UNIVERSITY REQUIREMENTS			
CAES9540	Technical English for civil engineering	6	1

*   The course load of this course should be equally distributed between first and second semester.