CIR-MIN

香港城市大學
City University of Hong Kong

Curriculum Information Record for a Minor

Department of Architecture and Civil Engineering
Effective from Semester A 2021/22
For Students Admitted to the Minor with Catalogue Term Semester A 2021/22 and thereafter

The information provided on this form is the official record of the minor. It will be used for City University's database, various City University publications (including websites) and documentation for students and others as required.

In specifying the curriculum for a minor, "catalogue term" is used to determine the set of curriculum requirements that a student is following. The catalogue term of minor requirements that students will follow will be the effective term of their declared minor (BUS/04/A5R).

Prepared / Last Updated by

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Curriculum Information Record for a Minor

Department of Architecture and Civil Engineering
Effective from Semester A 2021/22
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Part I Minor Overview

Minor	(in English)	:	Civil Engineering
	(in Chinese)	:	土木工程
Exclusive Majors *(Students who study those majors are not allowed to choose this minor)*		:	Civil Engineering Civil and Structural Engineering

1. Aims of Minor

This minor aims to allow students studying in business, law, science, humanities and engineering disciplines to integrate their core skills to develop a multi-disciplinary viewpoint for their future career.

2. Intended Learning Outcomes of Minor (MINILOs)

(Please state what the student is expected to be able to do on completion of the minor according to a given standard of performance.)

Upon successful completion of this minor, students should be able to:

No.	*MINILOs*	*Discovery-enriched curriculum related learning outcomes (please tick where appropriate)*		
		A1	*A2*	*A3*
1.	Develop a broad-based knowledge of civil engineering covering environmental, hydraulics and transportation engineering.	✓	✓	✓

A1: *Attitude*
Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: *Ability*
Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: *Accomplishments*
Demonstrate accomplishments of discovery/innovation/creativity through producing/constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Part II Minor Requirement (15 credit units)

(The catalogue term of minor requirement that students will follow will be the effective term of their declared minor.)

Core Courses (15 credit units)

Course Code	Course Title	Level	Credit Units	Remarks
CA2675	Fluid Mechanics	B2	3	Pre-cursor: Nil
CA2676	Transportation Engineering	B2	3	Pre-cursor: Nil
CA3677	Hydraulics and Hydrology	B3	3	Pre-cursor: CA2675
CA3704	Construction Engineering	B3	3	Pre-cursor: Nil
CA4623	Maintenance Technology and Management	B4	3	Pre-cursor: Nil

Part III Additional Information

1. Students admitted in 2012 and thereafter: The credit units earned to fulfill the minor requirement cannot be used towards meeting the requirement for another major and/or minor taken by the student.
2. To earn a minor, a student must attain a GPA of 1.7 or above of the courses in the minor programme.
3. A student who intends to take the minor should seek approval from his/her parent department and the department offering the minor.
4. For courses set with pre-cursor(s), ACE Department requires that all students must have attempted (including class attendance, coursework submission and examination) the precursor course(s) so identified.
5. Where courses are assessed by a combination of coursework and examination, to pass a course, students must obtain minimum marks of 30% in both coursework and examination components, and an overall mark of at least 40%.
6. The teaching schedules of some courses offered in Summer Term may start a few weeks earlier than the normal University schedule; students are advised to check the teaching schedules with the Course Leaders before registering for the courses.

Part IV Curriculum Map

(The curriculum map shows the mapping between courses and the MINILOs. It should cover all courses designed specifically for the minor.)

Course			MINILOs	DEC		
Code	**Title**	**Credit**	**M1**	**A1**	**A2**	**A3**
Core Courses						
CA2675	Fluid Mechanics	3	✓	✓	✓	
CA2676	Transportation Engineering	3	✓	✓	✓	✓
CA3677	Hydraulics and Hydrology	3	✓	✓	✓	✓
CA3704	Construction Engineering	3	✓	✓	✓	
CA4623	Maintenance Technology and Management	3	✓	✓	✓	✓

A1: Attitude
Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability
Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments
Demonstrate accomplishments of discovery/innovation/creativity through producing/constructing creative works/new artefacts, effective solutions to real-life problems or new processes.