

Bachelor of Science (Honours) in Building Engineering and Management

建築工程及管理學(榮譽)理學士

Programme Structure

Students are required to complete the following requirements with satisfactory results for an honours degree:

Requirements		No. of Credits
General University Requirements (GUR)		9 – 18 credits
2 Cluster Area Requirements (CAR) subjects (including 1 designated as China-related) ⁺ , 3 credits each		6 credits
1 Service Learning OR Free Elective subject		3 credits
Up to 3 Language and Communication Requirements (LCR) subjects (2 in English & 1 in Chinese), 3 credits each <i>(for students who have not met the equivalent standard of undergraduate degree LCR based on their prior sub-degree studies only)*</i>		0 – 9 credits
Discipline Specific Requirements (DSR) <i>(Please refer to the table below for details.)</i>		63 – 72 credits
Foundation	Up to 3 subjects, 3 credits each <i>(for students from non-construction-related disciplines only)</i>	0 – 9 credits
Compulsory	19 subjects, 3 credits each [except “International Study” (1 credit); “Analytical Skills and Methods” (2 credits) and “Capstone Project” (6 credits)]	57 credits
Elective	2 subjects, 3 credits each	6 credits
Work-Integrated Education (WIE)		Nil
176 hours of work-based learning experience <i>(Relevant work experience accumulated during or after sub-degree studies may be considered for fulfilment of WIE. Students will be invited to submit application for consideration after programme commencement.)</i>		
Total		72 – 90 credits

⁺ Within these subjects, students need to fulfil the English and Chinese reading and writing requirements.

* Students’ fulfilment of LCR will be assessed based on their academic records of sub-degree studies. They will be advised if they are required to take LCR subjects on admission.

Discipline Specific Requirements (DSR)

Subject Nature	Subject Title
Foundation <i>(for students from non-construction-related disciplines only)</i>	Construction Economics and Finance
	Construction Technology and Materials I
	Workshop Training (IC Training/ Drawing/ Safety)
Compulsory <i>(all 19 subjects)</i>	Advanced Construction Technology
	Analytical Skills and Methods
	Building Services I
	Building Services II
	Capstone Project
	Chinese Communication for Construction and Environment
	Construction Contract Law and Administration
	Construction Engineering Management
	Construction Technology and Materials II
	Engineering Mathematics
	English for Construction and Environmental Professionals
	Geotechnical and Foundation Engineering
	International Study
	Maintenance Technology and Management
	Measurement, Documentation and Estimating
	Project Management and Procurement
	Structure I
Structure II	
Temporary Work Design	
Elective[#] <i>(any 2 subjects)</i>	Building Maintenance for Sustainability
	Design, Adaptation and Conversion
	Environmental Impact and Assessment

[#] Offering of any elective subjects is subject to sufficient enrolment.