

## Bachelor of Science (Honours) in Building Engineering and Management

建築工程及管理學(榮譽)理學士

(84057)

### Programme Structure

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

Award	Requirements	No. of Credits	
Bachelor of Science (Honours) in Building Engineering and Management	<b>General University Requirements (GUR)</b>	<b>9 – 18 credits</b>	
	2 Cluster Area Requirements (CAR) subjects (including 1 designated as China-related) <sup>+</sup> , 3 credits each	6 credits	
	1 Service Learning OR Free Elective subject <sup>^</sup>	3 credits	
	Up to 3 Language and Communication Requirements (LCR) subjects (2 in English & 1 in Chinese), 3 credits each (for students who have not met the equivalent standard of undergraduate degree LCR based on their prior sub-degree studies only) <sup>*</sup>	0 – 9 credits	
	<b>Discipline Specific Requirements (DSR)</b> <i>(Please refer to the table below for details.)</i>	<b>63 – 72 credits</b>	
	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
	<b>Work-Integrated Education (WIE)</b>		
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>		<b>Nil</b>	





	<b>Total</b>	<b>72 – 90 credits</b>
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+ *Within these subjects, students need to fulfil the English and Chinese reading and writing requirements.*

^ *Subject to the review in early 2020, all students may be required to take a Service Learning subject.*

\* *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
<b>Foundation</b> <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)
<b>Compulsory</b> <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
<b>Elective<sup>#</sup></b> <i>(any 2 subjects)</i>	Building Maintenance for Sustainability
	Design, Adaptation and Conversion
	Environmental Impact and Assessment

<sup>#</sup> Offering of any elective subjects is subject to sufficient enrolment.



*This course has been included in the list of reimbursable courses under the Continuing Education Fund. The mother course (Bachelor of Science in Building Engineering and Management) of this module is recognised under the Qualifications Framework (QF Level 5).*