

**THE HONG KONG INSTITUTION OF ENGINEERS
SCHEME “A” GRADUATE TRAINING**

**Eligibility to HKIE Scheme “A” Training for 2016 and 2017 Graduates
of Engineering Programmes Accredited by the HKIE
City University of Hong Kong
(Curriculum under “3+3+4” Academic Structure)**

Remarks:

- The “3+3+4” academic structure was implemented in the higher education sector in September 2012. Under the new academic structure, students would receive six-year secondary education and four-year higher education.
- More information is available from the Membership Section on the admission requirements for respective Disciplines.

Ref No	Programme (Curriculum under “3+3+4” academic structure)	Discipline	Eligibility for 2016 & 2017 graduates only	Conditions (if applicable)
CityU-30	BEng (Hons) Degree in Energy Science and Engineering (Full Time)	ENV	Eligible subject to condition(s)	This programme is eligible for Scheme "A" in ENV Discipline on condition that the graduates must have taken the elective course "SEE 4217 Waste and Wastewater Treatment".
		ENY	Eligible	
CityU-31	BEng (Hons) Degree in Civil and Structural Engineering (Full Time)	CVL	Eligible	
		STL	Eligible subject to condition(s)	Graduates of this programme are eligible for Structural Scheme "A" Discipline on condition that they have to take any one of following courses: "CA4644 - Wind and Earthquake Engineering" or "CA4682 - Advanced Geotechnical and Foundation Engineering" or "CA4516 - Final Year Project*", which must be in structural engineering. * Project details such as the topic and abstract should be submitted with the trainee registration (Form TD2). Each case shall be referred to the Panel for final review and decision.
CityU-32	BEng (Hons) Degree in Building Services Engineering (Full Time)	ACE	Eligible	
		BSS	Eligible	
		ENY	Eligible	

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CityU-32 (continued)	BEng (Hons) Degree in Building Services Engineering (Full Time)	FRE	Eligible	Remarks: please refer to the "Admission Requirements for the Fire Discipline" from Downloads - Membership for the top-up requirements to be fulfilled before applying to the class of Member in Fire Discipline.
CityU-33	BEng (Hons) Degree in Construction Engineering and Management (Full Time)	BUD	Eligible	
CityU-34	Bachelor of Engineering in Electronic and Communication Engineering (Full Time)	ENS	Eligible	
CityU-35	Bachelor of Engineering in Computer and Data Engineering (Full time) (This programme was formerly known as BEng (Hons) Degree in Computer Engineering up to Intake year 2014.)	ENS	Eligible	
		INF	Eligible	
CityU-36	Bachelor of Engineering in Information Engineering (Full time)	ENS	Eligible	
		INF	Eligible	
CityU-37	Bachelor of Engineering in Materials Engineering (Full time)	ACE	Eligible	
		MAT	Eligible	
CityU-38	Bachelor of Engineering in Mechatronic Engineering (Full Time)	ACE	Eligible	
		CAI	Eligible	
		ENS	Eligible	
		MIS	Eligible	

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CityU-39	Bachelor of Engineering in Manufacturing Systems Engineering (Full Time)	ACE	Eligible	
		MIS	Eligible	
CityU-41	Bachelor of Engineering in Bioengineering (Full Time)	BME	Eligible subject to condition(s)	<p>The program is eligible for Scheme "A" in BME discipline subject to the following top-up conditions: Department's confirmation on the graduates' satisfactory completion of lectures concerning the following topics:</p> <p>(I) Human Resources Management (HRM), leadership and business operation and development</p> <p>(II) Medical equipment / device / system: - practical based practice, operation and safety controls - life cycle management - project management and requirements - design and manufacturing standards - international standards - nomenclature systems - maintenance management - regulation and harmonization</p> <p>The above top-up conditions should be fulfilled before completion of Scheme "A" training. The responsible experience towards Corporate Membership would only be counted after the conditions have been satisfied.</p>
CityU-42	Bachelor of Engineering in Total Quality Engineering (Full Time)	MIS	Eligible	

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Ref No	Programme (Curriculum under “3+3+4” academic structure)	Discipline	Eligibility for 2016 & 2017 graduates only	Conditions (if applicable)
CityU-43	Bachelor of Engineering in e-Logistics and Technology Management (Full Time)	INF	Eligible subject to condition(s)	This programme is eligible for INF Engineering Scheme "A" on condition that the graduates must have (1) taken the "MBE3066 - Material Handling and Tracking Technologies Workshop" and (2) completed a project* with substantial IT content. * Project details such as the topic and abstract should be submitted with the trainee registration (Form TD2). Each case shall be referred to the Panel for final review and decision.
		LTE	Eligible	
		MIS	Eligible subject to condition(s)	This programme is eligible for Scheme “A” in Manufacturing, Industrial & Systems Discipline on condition that the graduates must have taken nine credits in Group 2 of Electives including either Work Design or Quality Engineering.
CityU-44	Bachelor of Engineering in Industrial Engineering and Engineering Management (Full Time)	MIS	Eligible	

Note:

1. Abbreviations of the HKIE Disciplines

ACE : Aircraft	GAS : Gas
BME : Biomedical	GEL : Geotechnical
BSS : Building Services	INF : Information
BUD : Building	LTE : Logistics & Transportation Engineering
CAI : Control, Automation & Instrumentation	MAT : Materials
CML : Chemical	MCL : Mechanical
CVL : Civil	MIS : Manufacturing, Industrial & Systems <i>(renamed from Manufacturing & Industrial Engineering (MIE) with effect from Session 2020/2021)</i>
ELL : Electrical	MNA : Marine & Naval Architecture
ENS : Electronics	STL : Structural
ENV : Environmental	
ENY : Energy	
FRE : Fire	