

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

**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards\*  
of Engineering Programmes Accredited by the HKIE  
(Curriculum under “3+3+4” Academic Structure)**

**City University of Hong Kong**

Remarks:

- (i) 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.
- (ii) Please refer to the separate document titled “Accreditation Notes of the HKIE Accredited Engineering Degree Programmes” under “Related Notes” for the notes of the HKIE accredited engineering degree programmes.
- (iii) More information is available from the Membership Section on the admission requirements for respective Disciplines.

\* The eligibility results align with accreditation status granted by the HKIE. For details of applicable graduates / intake year, please refer to individual case for details.

<b>Scheme “A” Ref No</b>	CityU-30	
<b>Degree</b>	<b>BEng (Hons) Degree in Energy Science and Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	JS1051	
<b>Accredited until intake year of</b>	2027	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
BSS	This programme is eligible for Scheme “A” in Building Services (BSS) Discipline on condition that the graduates must have completed all elective courses listed as follows: i) "CA 3712 - Electrical Services" ii) "CA 3722 - HVAC Engineering" iii) "CA 3732 - Fire Engineering and Piped Services" iv) "CA 4718 - Power Electronics and Lighting Controls" v) "CA 4737 - Fire Science and Modelling" vi) "SEE 2001 - Electromagnetic Principles for Energy Engineers" vii) "SEE 3102 - Power Plant Engineering" viii) "SEE 3103 - Energy Efficiency for Buildings" ix) "SEE 4024 / ADSE 4024 - Project Management"	From 2019 Intake  Up to 2027 Intake
ENV	N/A	From 2018 Graduates  Up to 2022 Intake
	This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed "SEE 4216 - Combustion and Air Pollution Control".	From 2023 Intake  Up to 2027 Intake

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<b>Scheme “A” Ref No</b>	CityU-30	
<b>Degree</b>	<b>BEng (Hons) Degree in Energy Science and Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	JS1051	
<b>Accredited until intake year of</b>	2027	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ENY	N/A	From 2018 Graduates Up to 2027 Intake

<b>Scheme “A” Ref No</b>	CityU-31	
<b>Degree</b>	<b>BEng (Hons) Degree in Civil and Structural Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	--	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
CVL	N/A	From 2018 Graduates Up to 2015 Intake
STL	<p>Graduates of this programme are eligible for Structural (STL) Scheme "A" Discipline on condition that they have completed any one of following courses:</p> <p>(i) "CA 4644 - Wind and Earthquake Engineering",  (ii) "CA 4682 - Advanced Geotechnical and Foundation Engineering", or  (iii) "CA 4516 - Final Year Project*", which must be in structural engineering.</p> <p>* 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.</p>	From 2018 Graduates Up to 2015 Intake

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**City University of Hong Kong**

<b>Scheme “A” Ref No</b>	CityU-32	
<b>Degree</b>	<b>BEng (Hons) Degree in Building Services Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	--	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ACE	This programme is eligible for Scheme “A” in Aircraft (ACE) Discipline on condition that the graduates must have completed "CA 4717 - Electrical Engineering Practices".	From 2018 Graduates Up to 2015 Intake
BSS	N/A	From 2018 Graduates Up to 2015 Intake
ENY	This programme is eligible for Scheme "A" in Energy (ENY) Discipline on condition that the graduates must have completed the elective module of "CA 4717 - Electrical Engineering Practices".	From 2018 Graduates Up to 2015 Intake
FRE	N/A  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.	From 2018 Graduates Up to 2015 Intake

<b>Scheme “A” Ref No</b>	CityU-33	
<b>Degree</b>	<b>BEng Degree in Construction Engineering and Management (FT) (%)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	2015(9)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
BUD	N/A	From 2018 Graduates Up to 2015 Intake

**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards\***  
**City University of Hong Kong**

<b>Scheme “A” Ref No</b>	CityU-34	
<b>Degree</b>	<b>BEng Degree in Electronic and Communication Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	--	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
CAI	N/A	From 2018 Graduates Up to 2019 Intake
ENS	N/A	From 2018 Graduates Up to 2019 Intake

<b>Scheme “A” Ref No</b>	CityU-34_1	
<b>Degree</b>	<b>BEng Degree in Electronic and Electrical Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	JS1205	
<b>Accredited until intake year of</b>	2028 (1)(80)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
CAI	N/A	From 2020 Intake Up to 2028 Intake
ENS	N/A	From 2020 Intake Up to 2028 Intake

<b>Scheme “A” Ref No</b>	CityU-35_0	
<b>Degree</b>	<b>BEng Degree in Computer Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	--	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ENS	N/A	From 2018 Graduates Up to 2014 Intake
INF	N/A	From 2018 Graduates Up to 2014 Intake

**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards\***  
**City University of Hong Kong**

<b>Scheme “A” Ref No</b>	CityU-35	
<b>Degree</b>	<b>BEng Degree in Computer and Data Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	JS1205	
<b>Accredited until intake year of</b>	2028 (57)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ENS	N/A	2018 to 2019 Graduates
	This programme is eligible for Scheme "A" in Electronics (ENS) Discipline on condition that the graduates must have completed "EE 4316 - Mobile Data Networks".	From 2020 Graduates Up to 2028 Intake
INF	N/A	From 2018 Graduates Up to 2028 Intake

<b>Scheme “A” Ref No</b>	CityU-36	
<b>Degree</b>	<b>BEng Degree in Information Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	JS1205	
<b>Accredited until intake year of</b>	2028 (4)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ENS	N/A	From 2018 Graduates Up to 2028 Intake
INF	N/A	From 2018 Graduates Up to 2028 Intake

<b>Scheme “A” Ref No</b>	CityU-37	
<b>Degree</b>	<b>BEng Degree in Materials Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	--	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ACE	N/A	2018 to 2019 Graduates
MAT	N/A	From 2018 Graduates Up to 2018 Intake

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**City University of Hong Kong**

<b>Scheme “A” Ref No</b>	CityU-37_1	
<b>Degree</b>	<b>BEng Degree in Materials Science and Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	JS1210	
<b>Accredited until intake year of</b>	2028 (11)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
MAT	N/A	From 2019 Intake Up to 2028 Intake

<b>Scheme “A” Ref No</b>	CityU-38	
<b>Degree</b>	<b>BEng Degree in Mechatronic Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	2015 (69)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ACE	N/A	From 2018 Graduates Up to 2015 Intake
CAI	N/A	From 2018 Graduates Up to 2015 Intake
ENS	N/A	From 2018 Graduates Up to 2015 Intake
MIS	This programme is eligible for Scheme "A" in Manufacturing, Industrial & Systems Engineering (MIS) Discipline on condition that the graduates must have completed an elective in one of the following: (i) "MBE 3050 - Design for Manufacturing and Manufacturing Systems", (ii) "MBE 3067 - Human Factors in Product Design", or (iii) "MBE 4044 - Digital Design and Manufacturing".	From 2018 Graduates Up to 2015 Intake

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<b>Scheme “A” Ref No</b>	CityU-39	
<b>Degree</b>	<b>BEng Degree in Manufacturing Systems Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	2015 (5)(69)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ACE	N/A	From 2018 Graduates Up to 2015 Intake
MIS	N/A	From 2018 Graduates Up to 2015 Intake

<b>Scheme “A” Ref No</b>	CityU-40	
<b>Degree</b>	<b>BEng Degree in Nuclear and Risk Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	JS1207	
<b>Accredited until intake year of</b>	2028	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ENY	Graduates of this programme are eligible for Energy (ENY) Scheme "A" Discipline on condition that they must have completed the elective course "MBE 4010 - Dynamics and Control".	2018 to 2019 Graduates
	N/A	From 2020 Graduates Up to 2028 Intake
NUE	N/A	From 2020 Graduates Up to 2028 Intake

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<b>Scheme “A” Ref No</b>	CityU-41	
<b>Degree</b>	<b>BEng Degree in Bioengineering (FT)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	--	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
BME	<p>The programme is eligible for Scheme "A" in Biomedical (BME) discipline subject to the following top-up conditions:</p> <p>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:</p> <ul style="list-style-type: none"> <li>- practical based practice, operation and safety controls</li> <li>- life cycle management</li> <li>- project management and requirements</li> <li>- design and manufacturing standards</li> <li>- international standards</li> <li>- nomenclature systems</li> <li>- maintenance management</li> <li>- regulation and harmonization</li> </ul> <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>	2018 to 2019 Graduates
BME	N/A	From 2020 Graduates  Up to 2017 Intake

<b>Scheme “A” Ref No</b>	CityU-41_1	
<b>Degree</b>	<b>BEng Degree in Biomedical Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	JS1211	
<b>Accredited until intake year of</b>	2028 (79)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
BME	N/A	From 2018 Intake  Up to 2028 Intake



**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards\***  
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<b>Scheme “A” Ref No</b>	CityU-42	
<b>Degree</b>	<b>BEng Degree in Total Quality Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	2015 (70)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
MIS	N/A	From 2018 Graduates Up to 2015 Intake

<b>Scheme “A” Ref No</b>	CityU-43	
<b>Degree</b>	<b>BEng Degree in e-Logistics and Technology Management (FT) (%)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	2015 (70)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
INF	<p>This programme is eligible for Scheme "A" in Information (INF) Discipline on condition that the graduates must have completed:</p> <p>(1) "MBE 3066 - Material Handling and Tracking Technologies Workshop", and</p> <p>(2) a project* with substantial IT content.</p> <p>* 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.</p>	From 2018 Graduates Up to 2015 Intake
LTE	N/A	From 2018 Graduates Up to 2015 Intake
MIS	<p>This programme is eligible for Scheme "A" in Manufacturing, Industrial &amp; Systems Engineering (MIS) Discipline on condition that the graduates must have completed three credits of one of the following electives:</p> <p>(i) "SEEM 3034 - Work Design",</p> <p>(ii) "SEEM 3102 - Quality Engineering",</p> <p>(iii) "SEEM 3062 - Quality Engineering I", or</p> <p>(iv) "CS 3483 - Multimodal Interface Design".</p>	From 2018 Graduates Up to 2015 Intake

**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards\***  
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<b>Scheme “A” Ref No</b>	CityU-44	
<b>Degree</b>	<b>BEng Degree in Industrial Engineering and Engineering Management (FT) (%)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	2015 (6)(70)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
MIS	N/A	From 2018 Graduates Up to 2015 Intake

<b>Scheme “A” Ref No</b>	CityU-45	
<b>Degree</b>	<b>BEng Degree in Architectural Engineering (FT) (%)</b>	
<b>JUPAS Programme Code</b>	JS1201	
<b>Accredited until intake year of</b>	2026 (12)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
BSS	N/A	From 2018 Graduates Up to 2026 Intake
ENY	N/A	From 2018 Graduates Up to 2026 Intake
FRE	N/A	From 2018 Graduates Up to 2021 Intake
	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.  This programme is eligible for Scheme "A" in Fire (FRE) Discipline on condition that the graduates must have completed both the core courses and the following elective courses: "CA 4737 - Fire Science and Modelling", and "CA 4738 - Fire Engineering Approach".	From 2022 Intake Up to 2026 Intake

**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards\***  
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<b>Scheme “A” Ref No</b>	CityU-46	
<b>Degree</b>	<b>BEng Degree in Civil Engineering (with streams in Structural Engineering / Infrastructure and Smart City) (FT) (%)</b>	
<b>JUPAS Programme Code</b>	JS1201	
<b>Accredited until intake year of</b>	2026 (14) (81)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
BUD (for all streams)	N/A  Remarks: please refer to the "Admission Requirements for the Building Discipline" from Downloads - Membership for the top-up requirements to be fulfilled before applying to the class of Member in Building Discipline.	From 2018 Graduates  Up to 2021 Intake
CVL (for all streams)	N/A	From 2018 Graduates  Up to 2026 Intake
GEL (for all streams)	N/A	From 2018 Graduates  Up to 2026 Intake
LTE (Infrastructure and Urbanism Stream / Infrastructure and Smart City Stream)	This programme is eligible for Scheme "A" in Logistics & Transportation (LTE) Discipline on condition that the graduates must have completed "CA 2676 - Transportation Engineering" and "CA 3707 - Transportation Modelling" / "CA 3707 - Modelling for Smart Digital Infrastructure System".	From 2018 Graduates  Up to 2026 Intake
STL (for Structural Engineering Stream only)	Graduates of this programme are eligible for Structural (STL) Scheme "A" Discipline on condition that they have completed any one of following courses: (i) "CA 4644 - Wind and Earthquake Engineering", (ii) "CA 4682 - Advanced Geotechnical and Foundation Engineering", or (iii) "CA 4516 - 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.	From 2018 Graduates  Up to 2021 Intake
	N/A	From 2022 Intake  Up to 2026 Intake

**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards\***  
**City University of Hong Kong**

<b>Scheme “A” Ref No</b>	CityU-47	
<b>Degree</b>	<b>BEng Degree in Environmental Science and Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	JS1051	
<b>Accredited until intake year of</b>	2027	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
BSS	<p>This programme is eligible for Scheme “A” in BSS Discipline on condition that the graduates must have completed all elective courses listed as follows:</p> <ul style="list-style-type: none"> <li>i) "CA 3712 - Electrical Services"</li> <li>ii) "CA 3722 - HVAC Engineering"</li> <li>iii) "CA 3732 - Fire Engineering and Piped Services"</li> <li>iv) "CA 4718 - Power Electronics and Lighting Controls"</li> <li>v) "CA 4737 - Fire Science and Modelling"</li> <li>vi) "SEE 2001 - Electromagnetic Principles for Energy Engineers"</li> <li>vii) "SEE 3103 - Energy Efficiency for Buildings"</li> <li>viii) "SEE 4024 / ADSE 4024 - Project Management"</li> </ul>	<p>From 2019 Intake</p> <p>Up to 2027 Intake</p>
ENV	N/A	<p>From 2017 Intake</p> <p>Up to 2022 Graduates</p>
	<p>This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed at least one of the following elective courses:</p> <ul style="list-style-type: none"> <li>(i) "CA 3677 - Hydraulics and Hydrology",</li> <li>(ii) "SEE 4203 - Advanced Treatment and Management of Solid and Municipal Waste".</li> </ul>	<p>From 2023 Graduates</p> <p>Up to 2027 Intake</p>

**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards\***  
**City University of Hong Kong**

<b>Scheme “A” Ref No</b>	CityU-48	
<b>Degree</b>	<b>BEng Degree in Mechanical Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	JS1207	
<b>Accredited until intake year of</b>	2025 (71)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
ACE	N/A	From 2016 Intake Up to 2025 Intake
CAI	N/A	From 2016 Intake Up to 2025 Intake
MCL	N/A	From 2016 Intake Up to 2025 Intake
MIS	This programme is eligible for Scheme "A" in Manufacturing, Industrial & Systems Engineering (MIS) Discipline on condition that the graduates must have completed the following elective groups: Group 1: "SEEM 3102 - Quality Engineering" Group 2: "SEEM 4064 - Reliability Engineering" Group 3: "SEEM 4024 - Project Management" or "SEEM 4025 - Quality Systems and Management" or "SEEM 4043 / SEEM 4106 - Global Operations Management / Operations Management of Production and Service Systems"	First Cohort of Graduates (2020) only

<b>Scheme “A” Ref No</b>	CityU-49	
<b>Degree</b>	<b>BEng Degree in Systems Engineering and Management (FT)</b>	
<b>JUPAS Programme Code</b>	--	
<b>Accredited until intake year of</b>	2018 (72)	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
LTE	N/A	From 2016 Intake Up to 2018 Intake
MIS	N/A	From 2016 Intake Up to 2018 Intake

**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards\***  
**City University of Hong Kong**

<b>Scheme “A” Ref No</b>	CityU-50	
<b>Degree</b>	<b>BEng Degree in Intelligent Manufacturing Engineering (FT)</b>	
<b>JUPAS Programme Code</b>	JS1216	
<b>Accredited until intake year of</b>	Provisional	
<b>Eligible Discipline(s)</b>	<b>Conditions (if applicable)</b>	<b>Applicability</b>
MIS	N/A	First Cohort of Graduates (2025) only

Note:

1. Abbreviations of the HKIE Disciplines

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