

**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)**

The 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.

Scheme “A” Ref No	HKU-15	
Degree	BEng (Hons) Degree in Civil Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(36)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BUD	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	N/A	From 2018 Graduates Up to 2026 Intake

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Scheme “A” Ref No	HKU-15	
Degree	BEng (Hons) Degree in Civil Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(36)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ENV	<p>This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed at least two electives from the following three categories (the two electives selected cannot come from the same category):</p> <p>Category 1: "CIME 2101 - Water and Air Quality: Concepts and Measurement" or "CIVL 3111 - Municipal and Industrial Wastewater Treatment"</p> <p>Category 2: "CIVL 3107 - Environmental Impact Assessment of Civil Engineering Projects"</p> <p>Category 3: "CIVL 3115 - Solid and Hazardous Waste Management" or "CIVL 3134 - Environmental Geotechnology"</p>	<p>From 2018 Graduates</p> <p>Up to 2021 Intake</p>
	<p>This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed at least two electives from the following three categories (the two electives selected cannot come from the same category):</p> <p>Category 1: "CIVL 3111 - Wastewater Treatment" or "CIVL 3121 – Water Resources Engineering"</p> <p>Category 2: "CIVL 3107 - Environmental Impact Assessment of Civil Engineering Projects"</p> <p>Category 3: "CIVL 3115 - Solid and Hazardous Waste Management"</p>	<p>From 2022 Intake</p> <p>Up to 2026 Intake</p>
GEL	N/A	<p>From 2018 Graduates</p> <p>Up to 2026 Intake</p>
LTE	<p>This programme is eligible for Scheme "A" in Logistics & Transportation (LTE) Discipline on condition that the graduates must have completed any two of the following courses:</p> <p>(i) "ENGG 1204 - Industrial Management and Logistics"</p> <p>(ii) "CIVL 2111 - Transportation Engineering"</p> <p>(iii) "CIVL 3119 - Traffic Engineering"</p> <p>(iv) "CIVL 3120 - Transportation Infrastructure Engineering"</p>	<p>From 2018 Graduates</p> <p>Up to 2021 Intake</p>

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Scheme “A” Ref No	HKU-15	
Degree	BEng (Hons) Degree in Civil Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(36)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
LTE (<i>cont’d</i>)	This programme is eligible for Scheme "A" in Logistics & Transportation (LTE) Discipline on condition that the graduates must have completed any two of the following courses: (i) "IMSE 2102 - Fundamentals of supply chain management" (ii) "IMSE 3102 - Strategic supply chain management" (iii) "IMSE 4122 - Global logistics systems" (iv) "CIVL 2111 - Transportation engineering" (v) "CIVL 3119 - Traffic engineering" (vi) "CIVL 3120 - Transportation infrastructure engineering"	From 2022 Intake Up to 2026 Intake
STL	N/A	From 2018 Graduates Up to 2026 Intake

Scheme “A” Ref No	HKU-17	
Degree	BEng (Hons) Degree in Computer Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
CAI	N/A	From 2018 Graduates Up to 2026 Intake
ENS	N/A	From 2018 Graduates Up to 2021 Intake
INF	N/A	From 2018 Graduates Up to 2021 Intake

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

Scheme “A” Ref No	HKU-17	
Degree	BEng (Hons) Degree in Computer Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
INF (<i>cont'd</i>)	This programme is eligible for Scheme "A" in Information (INF) Discipline on condition that the graduates must complete one of the following: (i) "COMP 2396 - Object-oriented programming and Java", or (ii) "COMP 3278 - Introduction to database management systems", or (iii) "ELEC 3241 - Signals and linear systems", or (iv) "ELEC 3243 - Introduction to next-generation communications", or (v) "ELEC 3244 - Digital signal processing", or (vi) "ELEC 3542 - Advanced programming and application development", or (vii) "ELEC 3643 - Systems and network programming", or (viii) "ELEC 4253 - Wireless communications", or (ix) "ELEC 4254 - Microwave and RF engineering", or (x) "ELEC 4641 - Computer network security".	From 2022 Intake Up to 2026 Intake

Scheme “A” Ref No	HKU-18	
Degree	BEng (Hons) Degree in Electronic Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(39)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
CAI	N/A	From 2018 Graduates Up to 2026 Intake
ENS	N/A	From 2018 Graduates Up to 2021 Intake

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

Scheme “A” Ref No	HKU-18	
Degree	BEng (Hons) Degree in Electronic Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(39)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ENS (<i>cont’d</i>)	This programme is eligible for Scheme "A" in Electronic (ENS) Discipline on condition that the graduates must have completed one elective course listed below: (i) "COMP 3314 - Machine learning", or (ii) "COMP 3356 - Robotics", or (iii) "ELEC 2347 - Fundamentals of optics", or (iv) "ELEC 3143 - Power electronics", or (v) "ELEC 3249 - Pattern recognition and machine intelligence", or (vi) "ELEC 3644 - Advanced mobile apps development", or (vii) "ELEC 4244 - Multimedia signals and applications", or (viii) "ELEC 4245 - Digital image processing", or (ix) "ELEC 4248 - Photonic systems technologies", or (x) "ELEC 4251 - Microscopy", or (xi) "ELEC 4252 - Robotic control and vision", or (xii) "ELEC 4544 - Artificial intelligence and deep learning".	From 2022 Intake Up to 2026 Intake
INF	N/A	From 2018 Graduates Up to 2021 Intake
	This programme is eligible for Scheme "A" in Information (INF) Discipline on condition that the graduates must complete one of the following: (i) "ELEC 3442 - Embedded systems", or (ii) "ELEC 3541 - Software engineering & operating systems", or (iii) "ELEC 3542 - Advanced programming and application development", or (iv) "ELEC 4641 - Computer network security", or (v) Both of "ELEC 3443 - Computer networks" and "ELEC 3643 - Systems and network programming".	From 2022 Intake Up to 2026 Intake

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Scheme “A” Ref No	HKU-19	
Degree	BEng (Hons) Degree in Electrical Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(38)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BSS	N/A Remarks: please refer to the "Admission Requirements for the Building Services Discipline" from Downloads - Membership for the top-up requirements to be fulfilled before applying to the class of Member in Building Services Discipline.	From 2018 Graduates Up to 2021 Intake
	This programme is eligible for Scheme "A" in Building Services (BSS) Discipline on condition that the graduates must have completed the following courses: i. "MECH 3429 - Air Conditioning and Refrigeration", ii. "ELEC 4146 - Building Services-Electrical Installations", iii. "MECH 3430 - Fire Protection in Buildings", iv. "MECH 3431 - Utility Services in Buildings", v. "ELEC 4149 - Basic Lighting Engineering", and vi. "CIVL 3103 - Construction Project Management".	From 2022 Intake Up to 2026 Intake
CAI	N/A	From 2018 Graduates Up to 2026 Intake
ELL	N/A	From 2018 Graduates Up to 2026 Intake
ENY	This programme is eligible for Scheme "A" in Energy (ENY) Discipline on condition that the graduates must have completed at least one course from each of the following elective groups: Group 1: "ELEC 4145 - Building Services - Electrical Services" or "ELEC 4146 - Building Services - Electrical Installations" Group 2: "ELEC 3245 - Control and Instrumentation" or "ELEC 4250 - Control Systems"	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*
The University of Hong Kong

Scheme “A” Ref No	HKU-20	
Degree	BEng (Hons) Degree in Industrial Engineering and Technology Management (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2015(34)((41)(53)(62)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
CAI	N/A	From 2018 Graduates Up to 2015 Intake
LTE	This programme is eligible for Scheme "A" in Logistics & Transportation (LTE) Discipline on condition that the graduates must have completed any two of the following courses: (i) "IMSE 2102 - Fundamentals of Supply Chain Management" (ii) "IMSE 3102 - Strategic Supply Chain Management" (iii) "IMSE 3116 - Internet Technology for e-Commerce" (iv) "IMSE 4119 - Digital Enterprises and e-commerce"	From 2018 Graduates Up to 2015 Intake
MIS	N/A	From 2018 Graduates Up to 2015 Intake

Scheme “A” Ref No	HKU-21	
Degree	BEng (Hons) Degree in Logistics Engineering and Supply Chain Management	
JUPAS Programme Code	--	
Accredited until intake year of	2015	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
LTE	N/A	From 2018 Graduates Up to 2015 Intake
MIS	N/A	From 2018 Graduates Up to 2015 Intake

**Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards*
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Scheme “A” Ref No	HKU-22	
Degree	BEng (Hons) Degree in Mechanical Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	From 2018 Graduates Up to 2026 Intake
BSS	N/A Remarks: please refer to the "Admission Requirements for the Building Services Discipline" from Downloads - Membership for the top-up requirements to be fulfilled before applying to the class of Member in Building Services Discipline.	From 2018 Graduates Up to 2021 Intake
	This programme is eligible for Scheme "A" in Building Services (BSS) Discipline on condition that the graduates must have completed the following courses: i. "MECH 3429 - Air Conditioning and Refrigeration", ii. "ELEC 4146 - Building Services-Electrical Installations", iii. "MECH 3430 - Fire Protection in Buildings", iv. "MECH 3431 - Utility Services in Buildings", v. "ELEC 4149 - Basic Lighting Engineering", and vi. "CIVL 3103 - Construction Project Management".	From 2022 Intake Up to 2026 Intake
CAI	This programme is eligible for Scheme "A" in Control, Automation and Instrumentation (CAI) Discipline on condition that the graduates must complete the following elective courses: (i) "MECH 3433 - Robotics, drones and autonomous ground vehicles", (ii) "MECH 4404 - Automatic Control", and (iii) "MECH 4427 - Innovative Design and Unmanned Aerial Systems".	From 2022 Intake Up to 2026 Intake

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

Scheme “A” Ref No	HKU-22	
Degree	BEng (Hons) Degree in Mechanical Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ENV	<p>This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed at least three electives from the following five categories (the three electives selected cannot come from the same category):</p> <p>Category 1: "CIME 2101 - Water and Air Quality: Concepts and Measurement" or "CIVL 3111 - Municipal and Industrial Waste Treatment"</p> <p>Category 2: "CIVL 3115 - Solid and Hazardous Waste Management"</p> <p>Category 3: "MECH 3420 - Air Pollution Control" or "MECH 4428 - Sound and Vibration"</p> <p>Category 4: "MECH 4409 - Energy Conversion Systems" or "MECH 4423 - Building Energy Management and Control Systems"</p> <p>Category 5: "MECH 4411 - Heat Transfer"</p>	<p>From 2018 Graduates</p> <p>Up to 2021 Intake</p>
	<p>This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed at least three electives from the following five categories (the three electives selected cannot come from the same category):</p> <p>Category 1: "CIVL 3111 - Wastewater Treatment"</p> <p>Category 2: "CIVL 3115 - Solid and Hazardous Waste Management"</p> <p>Category 3: "MECH 3420 - Air Pollution Control" or "MECH 4428 - Sound and Vibration"</p> <p>Category 4: "MECH 4409 - Energy Conversion Systems" or "MECH 4423 - Building Energy Management and Control Systems"</p> <p>Category 5: "MECH 4411 - Heat Transfer"</p>	<p>From 2022 Intake</p> <p>Up to 2026 Intake</p>
ENY	<p>This programme is eligible for Scheme "A" in Energy (ENY) Discipline on condition that the graduates must have completed at least one of the following elective courses:</p> <p>(i) "MECH 4411 - Heat Transfer",</p> <p>(ii) "MECH 4409 - Energy Conversion Systems", or</p> <p>(iii) "MECH 4423 - Building Energy Management and Control Systems".</p>	<p>From 2018 Graduates</p> <p>Up to 2026 Intake</p>

Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards*
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Scheme “A” Ref No	HKU-22	
Degree	BEng (Hons) Degree in Mechanical Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(53)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
GAS	N/A	From 2018 Graduates Up to 2026 Intake
MCL	N/A	From 2018 Graduates Up to 2026 Intake

Scheme “A” Ref No	HKU-24	
Degree	BEng (Hons) Degree in Medical Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	--	
Accredited until intake year of	2017	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BME	N/A	From 2018 Graduates Up to 2017 Intake
CAI	N/A	From 2018 Graduates Up to 2017 Intake

Scheme “A” Ref No	HKU-24_1	
Degree	BEng (Hons) Degree in Biomedical Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6925	
Accredited until intake year of	2026(53)(73)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BME	N/A	From 2018 Graduates Up to 2026 Intake

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Scheme “A” Ref No	HKU-24_1	
Degree	BEng (Hons) Degree in Biomedical Engineering (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6925	
Accredited until intake year of	2026(53)(73)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
CAI	N/A	From 2018 Graduates Up to 2021 Intake

Scheme “A” Ref No	HKU-25	
Degree	BEng (Hons) Degree in Industrial Engineering and Logistics Management (FT) (including the programme under the double degree in BEng/BBA) (%)	
JUPAS Programme Code	JS6963	
Accredited until intake year of	2026(34)(53)(63)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
LTE	N/A	From 2018 Graduates Up to 2026 Intake
MIS	N/A	From 2018 Graduates Up to 2026 Intake

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	NUE : Nuclear
ENV : Environmental	STL : Structural
ENY : Energy	
FRE : Fire	