

**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 Hong Kong Polytechnic University

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	PolyU-36	
Degree	BEng (Hons) Degree in Electrical Engineering (FT and SW) (^)	
JUPAS Programme Code	JS3715/ JS3313	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	2018 Graduates only
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.	2018 Graduates only
CAI	N/A	2018 Graduates only
ELL	N/A	2018 Graduates only
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: "EE 512A - Electric Vehicles" or "EE 525A - Energy Policy and Restructuring of Electricity Supply Industry" Group 2: "EE 3009A - Electrical Services in Buildings"	2018 Graduates only

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

Scheme “A” Ref No	PolyU-38	
Degree	BEng (Hons) Degree in Electrical Engineering (PT) (Self-financed) (^ ^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	First Cohort of Graduates only
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.	First Cohort of Graduates only
CAI	N/A	First Cohort of Graduates only
ELL	N/A	First Cohort of Graduates only
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 two of the following three elective groups: Group 1: "EE 512D - Electric Vehicles" or "EE 525D - Energy Policy and Restructuring of Electricity Supply Industry" Group 2: "EE 501D - Alternative Energy Technologies" or "EE 530D - Electrical Energy-saving Systems" Group 3: "BSE 463 - Design of Mechanical Systems in Buildings" or "EE 4012D - Intelligent Buildings"	First Cohort of Graduates only

Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards*
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Scheme “A” Ref No	PolyU-39	
Degree	BEng (Hons) Degree in Transportation Systems Engineering (FT and SW) (^)	
JUPAS Programme Code	JS3351	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ELL	N/A	2018 Graduates only
LTE	N/A	2018 Graduates only

Scheme “A” Ref No	PolyU-40	
Degree	BEng (Hons) Degree in Electronic and Information Engineering (FT and SW) (^)	
JUPAS Programme Code	JS3703/ JS3313	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ENS	N/A	2018 Graduates only
INF	N/A	2018 Graduates only

Scheme “A” Ref No	PolyU-42	
Degree	BEng (Hons) Degree in Industrial and Systems Engineering (FT and SW) (^)	
JUPAS Programme Code	JS3698/ JS3313	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	2018 Graduates only
MIE	N/A	2018 Graduates only

Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards*
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Scheme “A” Ref No	PolyU-44	
Degree	BEng (Hons) Degree in Product Engineering with Marketing (FT and SW) (offered under the BEng (Hons) Scheme in Integrated Product Development) (^)	
JUPAS Programme Code	JS3403/ JS3313	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	2018 Graduates only
MIE	N/A	2018 Graduates only

Scheme “A” Ref No	PolyU-45	
Degree	BEng (Hons) Degree in Product Engineering with Marketing (Self-financed Mixed-mode) (^^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
MIE	N/A	2018 Graduates only

Scheme “A” Ref No	PolyU-46	
Degree	BSc (Hons) Degree in Logistics Engineering with Management (FT and SW) (^)	
JUPAS Programme Code	JS3454/ JS3313	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
LTE	N/A	2018 Graduates only

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

Scheme “A” Ref No	PolyU-47	
Degree	BEng (Hons) Degree in Mechanical Engineering (FT and SW) (^)	
JUPAS Programme Code	JS3686/ JS3313	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	2018 Graduates only
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.	2018 Graduates only
ENV	This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed: 1) "ME 44004 - Heat and Mass Transfer", and 2) At least one elective from each of the following two categories: Category A: "ME 41002 - Noise Abatement and Control", "ME 41003 - Principles of Sound and Vibration", "ME 44003 - Combustion and Pollution Control" or "ME 49002 - Environmental Noise" Category B: "ME 44001 - Air Conditioning for Indoor Thermal and Environmental Quality" or "ME 44005 - Alternative Fuels"	2018 Graduates only
GAS	N/A	2018 Graduates only
MCL	N/A	2018 Graduates only
MIE	N/A	2018 Graduates only

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

Scheme “A” Ref No	PolyU-47	
Degree	BEng (Hons) Degree in Mechanical Engineering (FT and SW) (^)	
JUPAS Programme Code	JS3686/ JS3313	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
MNA	<p>Graduates of this programme would be eligible to join Marine & Naval Architecture (MNA) Scheme "A" Training on conditions that the candidate should (1) have sea time and / or shipyard experience; (2) have completed Individual Projects* with a marine engineering design theme or naval architecture element; and (3) top-up the relevant minimum core subject areas of the MNA discipline (including Marine Engineering and Naval Architecture).</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>	2018 Graduates only

Scheme “A” Ref No	PolyU-49	
Degree	BEng (Hons) Degree in Mechanical Engineering (PT) (Self-financed) (^^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	First Cohort of Graduates only
BSS	<p>N/A</p> <p>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.</p>	First Cohort of Graduates only

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

Scheme “A” Ref No	PolyU-49	
Degree	BEng (Hons) Degree in Mechanical Engineering (PT) (Self-financed) (^^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional	
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:</p> <ol style="list-style-type: none"> 1) "ME 44004 - Heat and Mass Transfer", and 2) At least one elective from each of the following two categories: <ul style="list-style-type: none"> Category A: "ME 41002 - Noise Abatement and Control", "ME 41003 - Principles of Sound and Vibration", "ME 44003 - Combustion and Pollution Control" or "ME 49002 - Environmental Noise" Category B: "ME 44001 - Air Conditioning for Indoor Thermal and Environmental Quality" or "ME 44005 - Alternative Fuels" 	First Cohort of Graduates only
GAS	N/A	First Cohort of Graduates only
MCL	<p>N/A</p> <p>Remarks: graduates of this programme who wish to pursue MHKIE in MCL Discipline are required to top-up * relevant subjects in the subject areas of Engineering Materials and Design & Manufacturing. Responsible experience towards Corporate Membership in MCL Discipline will only be counted after the top-up requirements have been fulfilled.</p> <p>* MCL notes for PolyU-49: Graduates of this programme who have completed the following courses of this programme are considered to have satisfied the top-up requirements in the respective subject areas:</p> <ol style="list-style-type: none"> (i) Engineering Materials: "ME 43001 – Advanced Materials for Design and Technology" and "ME 43003 – Product Testing Technology" (ii) Design & Manufacturing: "ME 42004 – Development of Green Products" or "ME 42008 – Computer –aided Technology for Design" 	First Cohort of Graduates only

Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards*
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Scheme “A” Ref No	PolyU-49	
Degree	BEng (Hons) Degree in Mechanical Engineering (PT) (Self-financed) (^^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
MIE	This programme is eligible for Scheme "A" in Manufacturing & Industrial Engineering (MIE) Discipline on condition that the graduates must have completed one of the following: (i) "ME 42001 - Artificial Intelligence in Products", (ii) "ME 42008 - Computer-Aided Technology for Design", (iii) "ME 42010 - Industrial Automation", or (iv) "ME 43003 - Product Testing Technology"	First Cohort of Graduates only
MNA	Graduates of this programme would be eligible to join Marine & Naval Architecture (MNA) Scheme "A" Training on conditions that the candidate should (1) have sea time and / or shipyard experience; (2) have completed Individual Projects* with a marine engineering design theme or naval architecture element; and (3) top-up the relevant minimum core subject areas of the MNA discipline (including Marine Engineering, Electrical and Electronic Engineering and Naval Architecture). * 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.	First Cohort of Graduates only

Scheme “A” Ref No	PolyU-50	
Degree	BEng (Hons) Degree in Product Analysis and Engineering Design (FT and SW) (offered under the BEng (Hons) Scheme in Integrated Product Development) (^)	
JUPAS Programme Code	JS3428/ JS3313	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	2018 Graduates only
MCL	N/A	2018 Graduates only
MIE	N/A	2018 Graduates only

Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards*
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Scheme “A” Ref No	PolyU-50	
Degree	BEng (Hons) Degree in Product Analysis and Engineering Design (FT and SW) (offered under the BEng (Hons) Scheme in Integrated Product Development) (^)	
JUPAS Programme Code	JS3428/ JS3313	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
MNA	<p>Graduates of this programme would be eligible to join Marine & Naval Architecture (MNA) Scheme "A" Training on conditions that the candidate should (1) have sea time and / or shipyard experience; (2) have completed Individual Projects* with a marine engineering design theme or naval architecture element; and (3) top-up the relevant minimum core subject areas of the MNA discipline (including Marine Engineering and Naval Architecture).</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>	2018 Graduates only

Scheme “A” Ref No	PolyU-51	
Degree	BEng (Hons) Degree in Product Analysis and Engineering Design (PT) (Self-financed) (^^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	First Cohort of Graduates only
MIE	N/A	First Cohort of Graduates only

Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards*
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Scheme “A” Ref No	PolyU-52	
Degree	BEng (Hons) Degree in Air Transport Engineering (2-year Top-up) (FT) (^ ^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
ACE	N/A	2018 Graduates only
LTE	N/A	2018 Graduates only
MIE	This programme is eligible for Scheme "A" in Manufacturing & Industrial Engineering (MIE) Discipline on condition that graduates must have completed the elective course "ISE 4016 - Data Management and Operational Research".	2018 Graduates only

Scheme “A” Ref No	PolyU-53	
Degree	BSc (Hons) Degree in Biomedical Engineering (FT) (^)	
JUPAS Programme Code	JS3600	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BME	N/A	2018 Graduates only

Scheme “A” Ref No	PolyU-54	
Degree	BEng (Hons) Degree in Civil Engineering (FT) (including Structural Engineering Stream (^)	
JUPAS Programme Code	JS3739	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
CVL	N/A	2018 Graduates only
ENV	This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed "CSE 40432 - Solid and Hazardous Waste Control".	2018 Graduates only

Eligibility to HKIE Scheme “A” Training for 2018 Graduates onwards*
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Scheme “A” Ref No	PolyU-54	
Degree	BEng (Hons) Degree in Civil Engineering (FT) (including Structural Engineering Stream (^)	
JUPAS Programme Code	JS3739	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
GEL	N/A	2018 Graduates only
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) "CSE 30312 - Transportation and Highway Engineering" (ii) "CSE 40407 - Design of Transport Infrastructure" (iii) "CSE 40408 - Traffic Surveys and Transport Planning"	2018 Graduates only
STL	N/A	2018 Graduates only

Scheme “A” Ref No	PolyU-55	
Degree	BEng (Hons) Degree in Civil Engineering (PT) (Self-financed) (^^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional(64)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
CVL	N/A	From 2018 Graduates Up to 2014 Intake
ENV	This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed "CSE 40420 - Applied Fluid Mechanics" and "CSE 40432 - Solid and Hazardous Waste Control".	From 2018 Graduates Up to 2014 Intake
GEL	N/A	From 2018 Graduates Up to 2014 Intake

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

Scheme “A” Ref No	PolyU-55	
Degree	BEng (Hons) Degree in Civil Engineering (PT) (Self-financed) (^^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional(64)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
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) "CSE 30312 - Transportation and Highway Engineering" (ii) "CSE 40407 - Design of Transport Infrastructure" (iii) "CSE 40408 - Traffic Surveys and Transport Planning"	From 2018 Graduates Up to 2014 Intake
STL	N/A	From 2018 Graduates Up to 2014 Intake

Scheme “A” Ref No	PolyU-56	
Degree	BEng (Hons) Degree in Building Services Engineering (FT and SW) (^)	
JUPAS Programme Code	JS3753	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BSS	N/A	2018 Graduates only
ENV	This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed: 1) "BSE 449 - Environmental Economics and Policy", and 2) One of the following courses as elective: (i) "BSE 4413 - Indoor Air Quality Engineering", or (ii) "BSE 4416 - Acoustics Engineering"	2018 Graduates only
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.	2018 Graduates only

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

Scheme “A” Ref No	PolyU-57	
Degree	BEng (Hons) Degree in Building Services Engineering (FT) (2-year Self-financed) (^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional(65)(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BSS	N/A	2018 Graduates only
ENV	This programme is eligible for Scheme "A" in Environmental (ENV) Discipline on condition that the graduates must have completed: 1) "BSE 449 - Environmental Economics and Policy", and 2) One of the following courses as elective: (i) "BSE 4413 - Indoor Air Quality Engineering", or (ii) "BSE 4416 - Acoustics Engineering"	2018 Graduates only
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.	2018 Graduates only

Scheme “A” Ref No	PolyU-58	
Degree	BSc (Hons) Degree in Building Engineering and Management (FT) (^)	
JUPAS Programme Code	JS3791	
Accredited until intake year of	Provisional(+2*)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BUD	N/A	2018 Graduates only

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

Scheme “A” Ref No	PolyU-59	
Degree	BSc (Hons) Degree in Building Engineering and Management (PT) (Self-financed) (^ ^)	
JUPAS Programme Code	--	
Accredited until intake year of	Provisional(66)	
Eligible Discipline(s)	Conditions (if applicable)	Applicability
BUD	N/A	First Cohort of Graduates only