



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

FACULTY OF
ENGINEERING
工程學院

WHERE CONCEPTS BECOME REALITY

List of Academic Programmes offered in 2027-2028

Engineering is one of the founding disciplines of the University building on a tradition of engineering excellence for over 85 years. As a pioneer provider of application-oriented education in Hong Kong, the Faculty and its constituent departments have groomed quality professionals to support the ongoing development of technology enterprises and helped enhance the competitiveness of Hong Kong and the Greater Bay Area.



Postgraduate Programmes (2027-2028)

研究生課程

Research Postgraduate Programmes

研究型研究生課程

- MPhil / PhD in various disciplines
碩士 / 博士學位

Taught Postgraduate Programmes

修課式研究生課程

Engineering Doctorate 工程學博士學位

Master of Science in Aerospace Engineering
航空航天工程學理學碩士學位

Master of Science in Aviation Engineering and Operations Management
民航工程與營運管理學理學碩士學位

Master of Science in Biomedical Engineering
生物醫學工程學理學碩士學位

Master of Science in Biomedical Engineering (Digital Health)
生物醫學工程學理學碩士學位 (數碼健康)

Master of Science in Biomedical Engineering (Rehabilitation Engineering)
生物醫學工程學理學碩士學位 (康復工程)

Master of Science in Brain-Machine Interface
腦機接口理學碩士學位

Master of Science in Electric Vehicles
電動汽車理學碩士學位

Master of Science in Electrical Engineering
電機工程學理學碩士學位

Master of Science in Electrical Engineering (Electrical Power Systems) #
電機工程學理學碩士學位 (電力系統) #

Master of Science in Electrical Engineering (Railway Systems) *
電機工程學理學碩士學位 (鐵路系統) *

Master of Science in Electronic & Information Engineering
電子及資訊工程學理學碩士學位

Master of Science in Electronic & Information Engineering (Internet of Things)
電子及資訊工程學理學碩士學位 (物聯網)

Master of Science in Electronic & Information Engineering (Multimedia Signal Processing & Communications)
電子及資訊工程學理學碩士學位 (多媒體信號處理及通訊)

Postgraduate Scheme in Industrial and Systems Engineering leading to one of the following awards:

工業及系統工程學深造組合課程 — 包括以下專業課程供選讀：

- Master of Science in Knowledge and Technology Management
知識及科技管理學碩士學位
- Master of Science in Industrial Logistics Systems
工業物流系統理學碩士學位
- Master of Science in Smart Manufacturing
智能製造理學碩士學位

Master of Science in Intelligent Robotics Engineering
智能機械人工程學理學碩士學位

Master of Science in Low-altitude Economy
低空經濟理學碩士學位

Master of Science in Materials Intelligence (Subject to approval)
材料智能理學碩士學位 (尚待批核)

Master of Science in Mechanical Engineering
機械工程學理學碩士學位

Master of Science in Mechanical Engineering (Aerospace Engineering)
機械工程學理學碩士學位 (航宇工程)

Master of Science in Mechanical Engineering (Air / Noise Pollution Management)
機械工程學理學碩士學位 (空氣 / 噪音環保管理)

Master of Science in Mechanical Engineering (Product Development & Analysis)
機械工程學理學碩士學位 (產品開發及分析)

Master of Science in Microelectronics and Quantum Systems Engineering
微電子及量子系統工程理學碩士學位

Master of Science in Satellite Engineering
衛星工程理學碩士學位

Master of Science in Sports Technology and Management
體育科技與管理理學碩士學位

Master of Science in Sustainable Energy
可持續能源理學碩士學位

Integrated Graduate Development Scheme (IGDS) leading to one of the following awards:

綜合深造發展課程 — 包括以下專業課程供選讀：

- Master of Science / Postgraduate Diploma in Engineering Business Management @
工程商業管理理學碩士學位 / 深造文憑 @
- Master of Science / Postgraduate Diploma in Supply Chain and Logistics Management @
供應鏈與物流管理理學碩士學位 / 深造文憑 @

@ This programme is jointly offered by PolyU and the University of Warwick, UK.
此課程由香港理工大學及英國華威大學合辦。

• This is an exempted programme under the Non-local Higher and Professional Education (Regulation) Ordinance in Hong Kong. It is a matter of discretion for individual employers to recognise any qualifications to which this programme may lead.
根據香港《非本地高等及專業教育(規管)條例》規定，本課程屬豁免註冊課程，個別僱主可酌情決定是否承認本課程可令學員獲取的任何資格。

HK Electric Institute assists in teaching some of the designated subjects.
港燈工程學院協助指定科目之部份教學。

* MTR Academy assists in teaching some of the designated subjects.
港鐵學院協助指定科目之部份教學。

UGC-funded Undergraduate Degree Programmes (2027-2028)

教資會資助學士學位課程

For JUPAS applicants with HKDSE results / Non-JUPAS local Year 1 admissions (for local students with non-HKDSE results or international qualifications) / International students

Bachelor's Degree Scheme in Engineering 工程學科組合學士課程

- Our Bachelor's Degree Scheme provides one entry in application for a choice of 16 Majors, offering students the time and flexibility to explore these disciplinary fields and navigate their academic interests.
- Students will gain one of the awards, marked with * below, upon successful completion of the programme.

Bachelor of Engineering (Honours) Scheme in Aviation Engineering leading to one of the following awards: 航空工程學 (榮譽) 工學士組合課程 — 包括以下專業課程供選讀：

- Bachelor of Engineering (Honours) in Aeronautical Engineering *
航空工程學 (榮譽) 工學士學位
- Bachelor of Engineering (Honours) in Air Transport Engineering *
民航工程學 (榮譽) 工學士學位

Bachelor of Engineering (Honours) Scheme in Electrical Engineering leading to one of the following awards: 電機工程學 (榮譽) 工學士組合課程 — 包括以下專業課程供選讀：

- Bachelor of Engineering (Honours) in Electrical Engineering *
電機工程學 (榮譽) 工學士學位
- Bachelor of Engineering (Honours) in Transportation Systems Engineering *
運輸系統工程學 (榮譽) 工學士學位

Bachelor of Engineering (Honours) / Bachelor of Science (Honours) Scheme in Information and Artificial Intelligence Engineering leading to one of the following awards: 資訊及人工智能工程學 (榮譽) 工學士 / 理學士組合課程 — 包括以下專業課程供選讀：

- Bachelor of Engineering (Honours) in Electronic Systems and Internet-of-Things *
電子系統及物聯網 (榮譽) 工學士學位
- Bachelor of Science (Honours) in Artificial Intelligence and Information Engineering *
人工智能及資訊工程學 (榮譽) 理學士學位
- Bachelor of Science (Honours) in Information Security *
資訊安全 (榮譽) 理學士學位

Bachelor of Engineering (Honours) Scheme in Mechanical Engineering leading to one of the following awards: 機械工程學 (榮譽) 工學士組合課程 — 包括以下專業課程供選讀：

- Bachelor of Engineering (Honours) in Intelligent Robotics Engineering *
智能機械人工程學 (榮譽) 工學士學位
- Bachelor of Engineering (Honours) in Mechanical Engineering *
機械工程學 (榮譽) 工學士學位

Bachelor of Engineering (Honours) Scheme in Product Innovation and Smart Manufacturing leading to one of the following awards: 產品創新及智能製造 (榮譽) 工學士組合課程 — 包括以下專業課程供選讀：

- Bachelor of Engineering (Honours) in Product Innovation with Marketing *
產品創新兼市場學 (榮譽) 工學士學位
- Bachelor of Engineering (Honours) in Smart Manufacturing *
智能製造 (榮譽) 工學士學位

Bachelor of Science (Honours) in Biomedical Engineering * 生物醫學工程 (榮譽) 理學士學位

Bachelor of Science (Honours) Scheme in Intelligent Supply Chain and Engineering Management leading to one of the following awards: 智能供應鏈及工程管理 (榮譽) 理學士組合課程 — 包括以下專業課程供選讀：

- Bachelor of Science (Honours) in Aviation Operations and Systems *
航空營運及系統學 (榮譽) 理學士學位
- Bachelor of Science (Honours) in Engineering Management with Data Analytics *
工程管理兼數據分析 (榮譽) 理學士學位
- Bachelor of Science (Honours) in Intelligent Supply Chain *
智能供應鏈 (榮譽) 理學士學位

Bachelor of Science (Honours) in Sports Science and Technology * 體育科技 (榮譽) 理學士學位

Remark:

The University offers two Secondary Major programmes, "**Artificial Intelligence and Data Analytics (AIDA)**" and "**Innovation and Entrepreneurship (IE)**", to form an additional award option of "A Major plus a Secondary Major". Studying a Secondary Major is a free choice by students and not mandatory. Only students with a Cumulative GPA of 2.70 or above may be considered for Secondary Major enrolment. Each Secondary Major may stipulate additional selection criteria for admission. Students must apply to and obtain approval from the programme offering Department, no later than the commencement of the second year of study, to be admitted to the Secondary Major. Please visit www.polyu.edu.hk/study to find out which engineering programmes will provide the option for students to take the Secondary Major.

For more information about the programmes, please visit
Study@PolyU (www.polyu.edu.hk/study)



UGC-funded Undergraduate Degree Programmes (2027-2028)

教資會資助學士學位課程

For NON-JUPAS local senior year admissions (for graduates with Associate Degree or Higher Diploma qualifications)

Bachelor of Engineering (Honours) Scheme in Aviation Engineering leading to one of the following awards:

航空工程學 (榮譽) 工學士組合課程 — 包括以下專業課程供選讀：

- Bachelor of Engineering (Honours) in Aviation Engineering
航空工程學 (榮譽) 工學士學位
- Bachelor of Engineering (Honours) in Air Transport Engineering
民航工程學 (榮譽) 工學士學位

Bachelor of Engineering (Honours) in Electrical Engineering
電機工程學 (榮譽) 工學士學位

Bachelor of Engineering (Honours) in Electronic Systems and Internet-of-Things
電子系統及物聯網 (榮譽) 工學士學位

Bachelor of Engineering (Honours) in Intelligent Robotics Engineering
智能機械人工程學 (榮譽) 工學士學位

Bachelor of Engineering (Honours) in Mechanical Engineering
機械工程學 (榮譽) 工學士學位

Bachelor of Engineering (Honours) in Product Innovation with Marketing
產品創新兼市場學 (榮譽) 工學士學位

Bachelor of Engineering (Honours) in Smart Manufacturing
智能製造 (榮譽) 工學士學位

Bachelor of Engineering (Honours) in Transportation Systems Engineering
運輸系統工程學 (榮譽) 工學士學位

Bachelor of Science (Honours) in Artificial Intelligence and Information Engineering
人工智能及資訊工程學 (榮譽) 理學士學位

Bachelor of Science (Honours) in Aviation Operations and Systems
航空營運及系統學 (榮譽) 理學士學位

Bachelor of Science (Honours) in Biomedical Engineering
生物醫學工程 (榮譽) 理學士學位

Bachelor of Science (Honours) in Engineering Management with Data Analytics
工程管理兼數據分析 (榮譽) 理學士學位

Bachelor of Science (Honours) in Information Security
資訊安全 (榮譽) 理學士學位

Bachelor of Science (Honours) in Intelligent Supply Chain
智能供應鏈 (榮譽) 理學士學位

For more information about the programmes, please visit **Study@PolyU** (www.polyu.edu.hk/study)



Constituent Departments

Department of Aeronautical and Aviation Engineering

航空及民航工程學系

www.polyu.edu.hk/aae

Department of Biomedical Engineering

生物醫學工程學系

www.polyu.edu.hk/bme

Department of Electrical and Electronic Engineering

電機及電子工程學系

www.polyu.edu.hk/eee

Department of Industrial and Systems Engineering

工業及系統工程學系

www.polyu.edu.hk/ise

Department of Mechanical Engineering

機械工程學系

www.polyu.edu.hk/me



Our bachelor's, master's and doctoral degrees offer students broad-based interdisciplinary study opportunities to meet the emerging needs of industries. Learning of students is well supported by the University's Work-Integrated Education Programme, and a range of educational exchanges and learning activities which help students build all-round competencies in engineering, communication, and problem solving, as well as develop their potential to the fullest.



The Hong Kong Polytechnic University

Best Global Universities Rankings 2026 - 2027 by U.S. News and World Report

- 6th in the subject of "Engineering"
- 6th in the subject of "Mechanical Engineering"
- 23rd in the subject of "Artificial Intelligence"
- 29th in the subject of "Electrical and Electronic Engineering"

Quacquarelli Symonds (QS) World University Rankings 2026

- 70th in the broad subject area of "Engineering and Technology"
- 53rd in the subject of "Mechanical, Aeronautical and Manufacturing Engineering"
- 73rd in the subject of "Electrical and Electronic Engineering"

Times Higher Education World University Rankings 2026

- 43rd in the subject of "Engineering"

Academic Ranking of World Universities (ARWU) 2025

- 1st in the subject of "Transportation Science and Technology"
- 12th in the subject of "Mechanical Engineering"
- 23rd in the subject of "Electrical and Electronic Engineering"
- 36th in the subject of "Materials Science and Engineering"
- 40th in the subject of "Telecommunication Engineering"
- 47th in the subject of "Aerospace Engineering"
- 101st - 150th in the subject of "Biomedical Engineering"

Best Universities Rankings 2026 by Research.com - World Rankings

- 5th in the discipline of "Engineering and Technology"
- 20th in the discipline of "Mechanical and Aerospace Engineering"
- 31st in the discipline of "Electronics and Electrical Engineering"
- 52nd in the discipline of "Materials Science"

Field-Weighted Citation Impact of Artificial Intelligence (AI) research

- 8th, the highest ranking among Hong Kong universities under the study by Times Higher Education and supported by Elsevier's Scopus database

(Note: The respective subjects above cover the Faculty of Engineering as well as individual units across the University working in the areas.)

More about the Faculty of Engineering:

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