

The Hong Kong Polytechnic University

Quacquarelli Symonds (QS) World University Rankings 2025

- 74th in the broad subject area of "Engineering and Technology"
- 40th in the subject of "Data Science and Artificial Intelligence"
- 49th in the subject of "Engineering – Mechanical, Aeronautical and Manufacturing"
- 65th in the subject of "Engineering – Electrical and Electronic"

Times Higher Education World University Rankings 2025

- 41st in the subject of "Engineering"

Best Global Universities Rankings 2025 by U.S. News and World Report

- 6th in the subject of "Engineering"
- 6th in the subject of "Mechanical Engineering"
- 28th in the subject of "Artificial Intelligence"
- 34th in the subject of "Electrical and Electronic Engineering"

Best Universities Rankings 2025 by Research.com - World Rankings

- 7th in the discipline of "Engineering and Technology"
- 23rd in the discipline of "Mechanical and Aerospace Engineering"
- 56th in the discipline of "Electronics and Electrical Engineering"
- 57th in the discipline of "Materials Science"

Academic Ranking of World Universities (ARWU) 2024

- 2nd in the subject of "Transportation Science and Technology"
- 14th in the subject of "Mechanical Engineering"
- 31st in the subject of "Materials Science and Engineering"
- 42nd in the subject of "Telecommunication Engineering"
- 46th in the subject of "Electrical and Electronic Engineering"
- 49th in the subject of "Aerospace Engineering"
- 101st - 150th in the subject of "Biomedical Engineering"

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

Faculty of Engineering:
www.polyu.edu.hk/feng



Enquiry
Tel: 2766 5064
Email: denquiry@polyu.edu.hk

Study@PolyU:
www.polyu.edu.hk/study



Remark:

Information presented in this leaflet is subject to change and does not form part of any contract between the University and any person.

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

September 2026
Entry

**Discover Your Undergraduate
Pathway
with PolyU**

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.

JUPAS Programme Code: JS3005

Mode of Study	Full-time
Normal Duration	4 years
Credit Required for Graduation	120-124 (plus training credits)
Programme Leader	Prof. KC CHAN BSc (Lond.), PhD (H.K.Poly.), CEng, FIET, FHKIE



Aims & Characteristics

At PolyU, innovation and technology drive an academic environment that fosters national pride, social responsibility, and a global mindset. Our Bachelor’s Degree Scheme offers you the time and flexibility to explore various fields and helps you to make informed decisions about your preferred programme.



Curriculum

All admitted students will embark on a Common Year One curriculum. Towards the end of year one, students can choose their preferred departmental scheme/programme within the Faculty of Engineering through a ranking assessment, which considers a combination of entrance qualification score, Year One GPA, and interview performance:

BEng (Hons) Scheme in Aviation Engineering <ul style="list-style-type: none">BEng (Hons) in Aeronautical EngineeringBEng (Hons) in Air Transport Engineering
BSc (Hons) in Biomedical Engineering
BSc (Hons) in Sports Science and Technology
BEng (Hons) Scheme in Electrical Engineering <ul style="list-style-type: none">BEng (Hons) in Electrical EngineeringBEng (Hons) in Transportation Systems Engineering
BEng (Hons) / BSc (Hons) Scheme in Information and Artificial Intelligence Engineering <ul style="list-style-type: none">BEng (Hons) in Electronic Systems & Internet-of-ThingsBSc (Hons) in Artificial Intelligence & Information EngineeringBSc (Hons) in Information Security
BEng (Hons) Scheme in Product Innovation and Smart Manufacturing <ul style="list-style-type: none">BEng (Hons) in Product Innovation with MarketingBEng (Hons) in Smart Manufacturing
BSc (Hons) Scheme in Intelligent Supply Chain and Engineering Management <ul style="list-style-type: none">BSc (Hons) in Aviation Operations and SystemsBSc (Hons) in Engineering Management with Data AnalyticsBSc (Hons) in Intelligent Supply Chain
BEng (Hons) Scheme in Mechanical Engineering <ul style="list-style-type: none">BEng (Hons) in Intelligent Robotics EngineeringBEng (Hons) in Mechanical Engineering



Professional Recognition

Please refer to the respective entries of the departmental schemes/programmes concerned.



Secondary Major Details

Some of our programmes offer students the opportunity to pursue a Secondary Major (Innovation and Entrepreneurship (IE) or Artificial Intelligence and Data Analytics (AIDA)) and thus further broaden their academic and career horizons. For details, please refer to the individual programme or scheme pages.



Entrance Requirements

JUPAS Applicants

Entrance Requirements and Subject Weightings

Satisfy the University's General Entrance Requirements (Please refer to Study@PolyU).

Preferred Subjects with the Highest Weighting

There is no compulsory subject requirement. Preferred subject(s) with the highest weighting for admission score calculation include(s):

English Language	Business, Accounting and Financial Studies (Business Management)
Mathematics	Combined Science: Biology + Chemistry
Mathematics (Extended part - Calculus and Statistics)	Combined Science: Biology + Physics
Mathematics (Extended part - Algebra and Calculus)	Combined Science: Physics + Chemistry
Biology	Design and Applied Technology
Chemistry	Economics
Physics	Information and Communication Technology
Business, Accounting and Financial Studies	
Business, Accounting and Financial Studies (Accounting)	

Preferred Applied Learning Subjects

Applied Learning Subject(s):

AI and Robotics	Internet of Everything Application
Data Application for Business/ Business Data Analysis	Mobile and Online Apps Development
Electrical and Energy Engineering	Tech Basics
Electronic Product Design in Action	

Relevant Applied Learning Subjects

Relevant Applied Learning subject(s) that can be considered for meeting the University entrance requirement and admission score calculation is/are:

AI and Robotics	Health Care Practice
Computer Game and Animation Design	Innovative Product Design
Data Application for Business/ Business Data Analysis	Internet of Everything Application
Electrical and Energy Engineering	Mobile and Online Apps Development
Electronic Product Design in Action	Rehabilitation Care Practice
Fundamental Health Care	Tech Basics

Admission Score Calculation Mechanism for the Current Admission Exercise

Any Best 5 Subjects

Non-JUPAS Applicants

We welcome applications from HKALE, GCEAL, IB, Associate Degree, Higher Diploma students and holders of other non-local qualifications. Please visit Study@PolyU website for details of entrance requirements.