

The Hong Kong Polytechnic University

Quacquarelli Symonds (QS) World University Rankings 2024

- 97th in the broad subject area of "Engineering and Technology"
- 32nd in the subject of "Data Science and Artificial Intelligence"
- 73rd in the subject of "Engineering – Mechanical, Aeronautical and Manufacturing"
- 74th in the subject of "Engineering – Electrical and Electronic"

Times Higher Education World University Rankings 2024

- 38th in the subject of "Engineering"

Best Global Universities Rankings 2024 by U.S. News and World Report

- 5th in the subject of "Engineering"
- 6th in the subject of "Mechanical Engineering"
- 32nd in the subject of "Artificial Intelligence"
- 38th in the subject of "Electrical and Electronic Engineering"

Best Universities Rankings 2024 by Research.com - World Rankings

- 7th in the discipline of "Engineering and Technology"
- 35th in the discipline of "Mechanical and Aerospace Engineering"
- 52nd in the discipline of "Electronics and Electrical Engineering"

Academic Ranking of World Universities (ARWU) 2023

- 2nd in the subject of "Transportation Science and Technology"
- 9th in the subject of "Mechanical Engineering"
- 24th in the subject of "Aerospace Engineering"
- 37th in the subject of "Telecommunication Engineering"
- 41st in the subject of "Materials Science and Engineering"
- 51st - 75th in the subject of "Electrical and Electronic Engineering"
- 76th - 100th in the subject of "Biomedical Engineering"

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.)

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 2025
Entry

**Discover Your Undergraduate
Pathway
with PolyU**

Our Bachelor's Degree Scheme provides one entry in application for a choice of 14 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	121-131 (plus training credits) (to be confirmed)
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 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

- BEng (Hons) in Aviation Engineering
- BEng (Hons) in Air Transport Engineering

BSc (Hons) Scheme in Biomedical Engineering

- BSc (Hons) in Biomedical Engineering

BEng (Hons) Scheme in Electrical Engineering

- BEng (Hons) in Electrical Engineering
- BEng (Hons) in Transportation Systems Engineering

BEng (Hons) / BSc (Hons) Scheme in Information and Artificial Intelligence Engineering

- BEng (Hons) in Electronic Systems & Internet-of-things
- BSc (Hons) in Artificial Intelligence & Information Engineering
- BSc (Hons) in Information Security

BEng (Hons) Scheme in Product Innovation and Smart Manufacturing

- BEng (Hons) in Product Innovation with Marketing
- BEng (Hons) in Smart Manufacturing

BSc (Hons) Scheme in Intelligent Supply Chain and Engineering Management

- BSc (Hons) in Engineering Management with Data Analytics
- BSc (Hons) in Intelligent Supply Chain

BEng (Hons) Scheme in Mechanical Engineering

- BEng (Hons) in Mechanical Engineering
- BEng (Hons) in Intelligent Robotics Engineering (subject to approval)

Professional Recognition

Please refer to the respective entries of the departmental schemes 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
Mathematics
Mathematics (Extended part - Calculus and Statistics)
Mathematics (Extended part - Algebra and Calculus)
Biology
Chemistry
Physics
Business, Accounting and Financial Studies
Business, Accounting and Financial Studies (Accounting)
Business, Accounting and Financial Studies (Business Management)
Combined Science: Biology + Chemistry
Combined Science: Biology + Physics
Combined Science: Physics + Chemistry
Design and Applied Technology
Economics
Information and Communication Technology

Preferred Applied Learning Subjects

Applied Learning Subject(s):
AI and Robotics
Electrical and Energy Engineering
Internet of Everything Application
Mobile and Online Apps Development
Tech Basics

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
Electrical and Energy Engineering
Internet of Everything Application
Mobile and Online Apps Development
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.