THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

FACULTY OF
ENGINEERING
工程學院
WHERE CONCEPTS BECOME REALITY

Hong Kong PhD Fellowship Scheme 2025/2026

The Hong Kong Polytechnic University (PolyU) invites applications from the best and brightest students worldwide for the prestigious Hong Kong PhD Fellowship Scheme (HKPFS), established by the Research Grants Council (RGC) of Hong Kong in 2009, to pursue their full-time PhD studies.

The Hong Kong Polytechnic University (PolyU)

PolyU is dedicated to world-class excellence in impactful and interdisciplinary research, meeting societal needs for a sustainable future; and honouring intrinsic values in academic awareness and aspiration among research scholars.

- A government-funded university in the Hong Kong Special Administrative Region of the People's Republic of China;
- A long and proud history of providing internationally competitive professionally oriented education;
- A strong team of academic staff with solid experience in supervising research postgraduate students; and
- Many of our Chair Professors / Professors being internationally leading experts in their research areas.

The University has advanced research facilities and a diverse student population, with students receiving an all-round learning experience. The University's downtown location is highly convenient and meets students' needs.

The Faculty of Engineering

- Consists of a distinguished group of internationally-renowned researchers
- Provides a collaborative and inter-disciplinary research environment of high application value
- Supported by world-class facilities and equipment

PolyU's Hong Kong PhD Fellowship Scheme (HKPFS) Package

Successful HKPFS awardees of PolyU will receive for the entire normal study period:

- **Annual Stipend: HK$337,200 (~US$43,230)**
- Research Excellence Scholarship: in the form of a **tuition fee waiver**
- **Annual Conference Grant: HK$14,000 (~ US$1,790)**
- **Cash Award: HK$40,000 (~US$5,120)** for the first year, and **HK$20,000 (~US$2,560) per year** from the second year to the end of the normal study period
- **University Accommodation:** a guaranteed place for 2 years

Nominated HKPFS candidates by PolyU to RGC will automatically be offered a PhD place with the award of:

- PolyU Presidential PhD Fellowship Scheme (PPPFS); or
- PolyU Research Postgraduate Scholarship (PRPgS).

The Hong Kong Polytechnic University (PolyU) ranks high in the world in Engineering, Technology and Computer Science. We have achieved the following recognitions:

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

- *5th in the subject of "Engineering"*
- *6th in the subject of "Mechanical Engineering"*
- *31st in the subject of "Computer Science"*
- *32nd in the subject of "Artificial Intelligence"*
- *38th in the subject of "Electrical and Electronic Engineering"*

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"*
- *88th in the subject of "Computer Science and Information Systems"*

Times Higher Education World University Rankings 2024

- *38th in the subject of "Engineering"*
- *87th in the subject of "Computer Science"*

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"*
- *48th in the discipline of "Computer Science"*
- *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"*
- *34th in the subject of "Computer Science and 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 PolyU working in the area.)

Welcome to join us today!

HKPFS Admission

1 September 2024	**Application Opens: 12:00 noon Hong Kong Time (+8 hours GMT):** 1. Submit initial application to the RGC through its HKPFS System to obtain a HKPFS reference no. (https://cerg1.ugc.edu.hk/hkpfs/InitApplication.jsp) 2. Submit full application(s) to PolyU with HKPFS reference no. via the new RPgAdmission System which will be announced shortly (https://rpgadmission.polyu.edu.hk)
1 December 2024	**Application Deadline:** 1. 12:00 HKT | Deadline for initial application to the RGC 2. 23:59 HKT | Deadline for full application to PolyU
Late January/ Early February 2025	PolyU Graduate School will issue offer letters to HKPFS nominees via RPgAdmission System.
April 2025	**Announcement of HKPFS result:** Successful HKPFS candidates will be notified by RGC.

Hong Kong PhD Fellowship Scheme:

- UGC's website: https://cerg1.ugc.edu.hk/hkpfs/index.html

- PolyU's website: https://www.polyu.edu.hk/gs/prospective-students/hkpfs/

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

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

Hong Kong PhD Fellowship Scheme 2025/2026

Our Seven departments are offering a wide range of research opportunities:

The PolyU Faculty of Engineering invites applications from Science and Engineering Graduates, with evidence of academic excellence, strong research ability and potential, rich cultural diversity, exceptional leadership ability and devoted societal responsibilities, outstanding communication and interpersonal skills, for full-time PhD study in Hong Kong within the Hong Kong PhD Fellowship Scheme.

Candidates must satisfy the academic qualification and English language requirement of the University.

Department of Aeronautical and Aviation Engineering

The Department of Aeronautical and Aviation Engineering carries out research aiming at enhancing the efficiency, safety and productivity of the booming aviation industry throughout the world.

Research Areas

- Aerodynamics
- Aerospace Propulsion and Combustion
- Aerospace Structures and Materials
- Aviation Engineering
- Flight Mechanics and Control
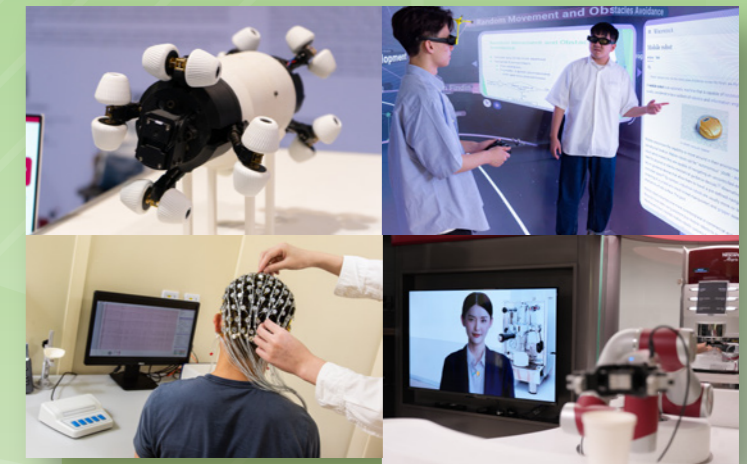- Satellite Communication and Navigation

Enquiries:
Miss Samantha SIN
✉ *samantha.sin@polyu.edu.hk*

Department of Biomedical Engineering

The Department of Biomedical Engineering integrates engineering and life sciences to enable engineering innovations for biomedical applications.

Research Areas

- Biomedical Imaging, Instrumentation, Sensing and AI
- Molecular, Cellular and Tissue Engineering
- Prosthetics, Orthotics, Smart Ageing and Rehabilitation Engineering
- Sports and Neuromusculoskeletal Engineering

Enquiries:
Miss Dawn LI
✉ *dawn.li@polyu.edu.hk*

Department of Computing

The Department of Computing focuses on multidisciplinary research by strengthening its efforts in developing selected niche research areas that will ultimately lead to high impact in the field of technology transfer.

Research Areas

- Artificial Intelligence and Big Data Computing
- Blockchain, Cyber Security and Privacy
- Graphics, Multimedia and Virtual Reality
- Networking and Mobile Computing
- Pattern Recognition and Natural Language Processing
- Systems Modelling and Software Engineering

Enquiries:
Ms Jolie CHICK
✉ *comp.phd@polyu.edu.hk*

Department of
Data Science and Artificial Intelligence

The Department of Data Science & Artificial Intelligence is dedicated to push the boundaries of knowledge in various domains related to data science and artificial intelligence, and transfer knowledge into real-world applications for the benefit of mankind.

Research Areas

- Machine Learning and Optimization
- Big Data Analytics and Management
- Computer Vision and Graphics
- Speech and Natural Language Processing
- AI for Science
- AI for Healthcare

Department of
Electrical and Electronic Engineering

The Department of Electrical and Electronic Engineering is a leading academic department that conducts pioneering research in various fields related to electrical and electronic engineering. The Department is known for its innovative and cutting-edge research in many electrical and electronic engineering areas, such as Artificial Intelligence and Robotics; Communications and Information Security; Electric Vehicles and Smart Mobility; Microelectronics and Quantum Technology; Photonics, Smart Materials and Devices; and Power and Energy Systems. Its research activities are supported by state-of-the-art laboratories and facilities, and the Department has established collaborations with leading industries and research institutions around the world. The Department also has a strong commitment to education and is dedicated to training the next generation of engineers and researchers in the relevant fields.

Research Areas

- Artificial Intelligence and Robotics
- Communications and Information Security
- Electric Vehicles and Smart Mobility
- Microelectronics and Quantum Technology
- Photonics, Smart Materials and Devices
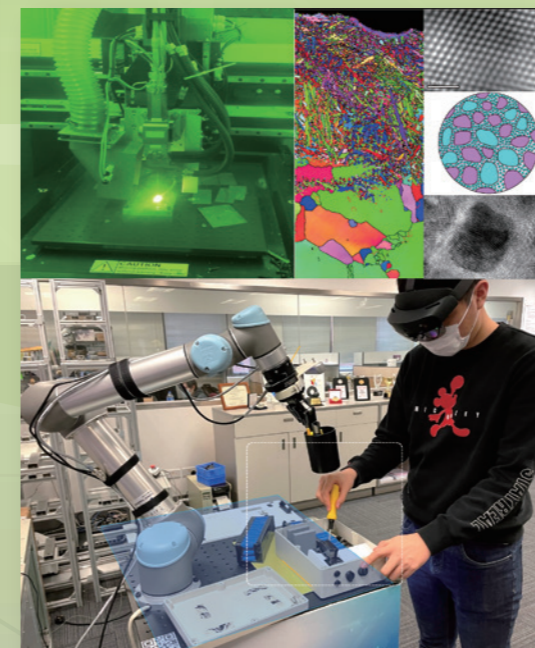- Power and Energy Systems

Department of
Industrial and Systems Engineering

The Department of Industrial and Systems Engineering offers a dynamic discipline that enables individuals to understand and solve complex technological, economic and social problems from a systems perspective.

Research Areas

- Advanced Materials Processing Technologies
- Precision Engineering (State Key Laboratory of Ultra-precision Machining Technology)
- Aviation and Transportation Logistics
- Operations and Supply Chain Management
- Products Design and Miniaturization
- Smart Manufacturing and Robotics

Department of
Mechanical Engineering

The Department of Mechanical Engineering aspires to carry out high quality research of both fundamental and applied nature, and to develop cutting-edge technologies to meet the industrial and societal needs through active knowledge transfer.

Research Areas

- Advanced Materials and Processing
- Aerospace Engineering
- Clean Energy and Energy Storage
- Robotics and Control
- Sound and Vibration
- Thermofluids and Combustion

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