THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

WORLD-CLASS EXCELLENCE AND INNOVATION FOR SOCIETAL IMPACT

An Overview of PolyU

OUR **MOTTO**

TO LEARN AND TO APPLY, FOR THE BENEFIT OF MANKIND

The Hong Kong Polytechnic University (PolyU) strives to be an innovative world-class university that pursues excellence in education, research, and knowledge transfer for the benefit of Hong Kong, the Nation, and the world. The University nurtures socially responsible professionals and leaders with a strong sense of national pride and a global perspective, and pursues world-leading research and innovation for societal benefits. A robust culture of knowledge transfer and entrepreneurship is a cornerstone of the University, ensuring PolyU's technologies are transformed into practical real-world applications. The University's unwavering commitment to excellence has earned it international recognition, with PolyU consistently ranking among the top 100 universities worldwide. Based on this solid foundation, the University will continue to make positive contributions to society to foster a brighter future, living up to its motto, "To learn and to apply, for the benefit of mankind".

GLOBAL RANKINGS

50th

QS* World University Rankings 2027

52nd

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

80th

THE# World University Rankings 2026

10th QS Asia University Rankings 2026

46th THE Interdisciplinary Science Rankings 2026

18th THE Asia University Rankings 2026

52nd THE Sustainability Impact Ratings 2026

* QS: Quacquarelli Symonds
\# THE: Times Higher Education

as of June 2026

PolyU's relentless pursuit of excellence in education and research has earned us a spot among the top 100 universities worldwide.

CHAIRMAN'S MESSAGE

A LEGACY OF MAKING A DIFFERENCE IN SOCIETY

PolyU has come a long way since its inception in 1937. From its beginnings as a post-secondary technical school to becoming a full-fledged university in 1994, PolyU and its predecessors have played a crucial role in the social and economic development of our society. With a global alumni network of more than 510,000 graduates, the University has fostered numerous distinguished leaders spanning various professions, industries, businesses, and communities, who have made a positive impact on the world.

Today, PolyU's relentless pursuit of excellence in education and research has enabled us to soar to 50th place in the QS World University Rankings 2027. Over the years, the University has also made remarkable breakthroughs, including developing innovations to support our country's historic space missions, such as the Nation's first lunar sample return missions, Chang'e-5 and Chang'e-6 to the Moon and far side of the Moon respectively, and its first Mars exploration mission, Tianwen-1.

As PolyU's Council Chairman and a proud alumnus, I have had the privilege of witnessing our remarkable progress. This journey has been made possible by the support of the central and local governments as well as our dedicated council members, management team, staff, scholars, alumni, students, partners, and friends, and I am grateful for their steadfast contributions.

Moving forward, PolyU remains committed to growing alongside Hong Kong and playing a pivotal role in the scientific and technological development of the Greater Bay Area, the Nation and beyond, adhering to its motto, "To learn and to apply, for the benefit of mankind". With an unwavering focus on the betterment of society, we will continue to nurture leading talent and drive innovation to foster a brighter future.

Dr Lam Tai-fai, GBS, JP
Chairman of Council

PRESIDENT'S MESSAGE

SERVING HONG KONG, THE NATION, AND THE WORLD

For nearly nine decades, PolyU has strived to live up to our motto, "To learn and to apply, for the benefit of mankind". This guiding principle is reflected in our world-class education, which nurtures students to become socially responsible professionals and leaders with a strong sense of national pride and a global perspective.

It is also reflected in the passion of our scholars and scientists to address society's most pressing challenges through impactful research and embracing a strong culture of knowledge transfer and entrepreneurship. To amplify the impact of our research, we have established a network of 12 Mainland Translational Research Institutes focused on technology and innovation in key cities across the Nation. These institutes translate research outcomes into high-impact solutions that respond to local industrial and societal needs.

As a university committed to nurturing leaders in innovation, PolyU is also embracing the opportunities and challenges of the AI era. Through the PolyU Education 4.0 initiative, we are transforming learning and teaching by embracing AI and emerging technologies, adopting a student-centred approach that prepares our graduates for the technology-driven future.

As we approach the University's landmark 90th Anniversary in 2027, I am confident that with the continued backing of the Nation, the Hong Kong SAR Government, our benevolent donors, esteemed alumni, industry collaborators, academic partners, and numerous other stakeholders across various sectors, we will continue to scale new heights as an innovative world-class university that directly meets the evolving needs of society.

Professor Jin-Guang Teng, BBS, JP
President

We will continue to scale new heights as an innovative world-class university that directly meets the evolving needs of society.

A PROUD HISTORY, A PROMISING FUTURE

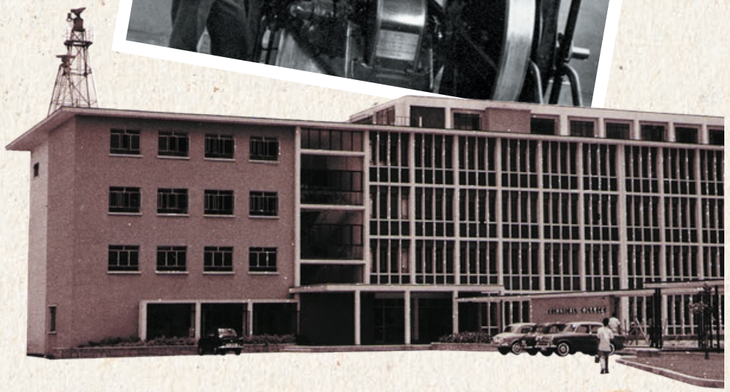
PolyU is fundamentally linked with the development of Hong Kong. Over the years, the University has played an important role in the different stages of social and economic development of our community, helping to propel progress in Hong Kong, the Nation and the world.

1937
GOVERNMENT TRADE SCHOOL

PolyU has its origin in the development of local technical education in the years preceding World War II. The **Government Trade School,** the University's first predecessor, opened on Wood Road in Wanchai in 1937 and was the first publicly funded post-secondary technical institution in Hong Kong. Around 70 students filled classes run by three departments offering courses in marine wireless operating, mechanical engineering and building construction.

1947
HONG KONG TECHNICAL COLLEGE

Renamed the **Hong Kong Technical College** after World War II, the institution offered both full- and part-time courses to meet the soaring demand for trained technicians and professionals. The year 1957 saw the opening of new premises in Hung Hom, signifying the beginning of a new chapter in industrial education in Hong Kong.



1972
HONG KONG POLYTECHNIC

The **Hong Kong Polytechnic** was formally established, with a mandate to provide professional education to meet the community's workforce needs. Early Polytechnic courses covered engineering, commerce, management, mathematics, science, nautical studies and textiles.

The campus underwent several phases of development to accommodate the ever-expanding number of academic programmes and student population, and the iconic "red brick castle" architecture began to take shape in 1976.

1994
THE HONG KONG POLYTECHNIC UNIVERSITY

The Polytechnic gained approval from the University and Polytechnic Grants Committee for the self-accreditation of degree programmes. On 25 November 1994, the institution assumed full university status, with its name changed to **The Hong Kong Polytechnic University** and the University's new logo formally introduced.

POLYU TODAY

PolyU is ranked among the world's top 100 universities today, inspiring all its members to excel in their aspirations, living up to the University's motto: **"To learn and to apply, for the benefit of mankind"**. With an aspiration to drive positive impact and a heart to serve, PolyU continues to stay at the forefront of education and research, further pushing the boundaries of knowledge and innovation.

FACULTIES/SCHOOLS

Faculty of Business 工商管理學院

- Department of Logistics and Maritime Studies
- Department of Management and Marketing
- School of Accounting and Finance

Faculty of Computer and Mathematical Sciences 計算機及數學科學學院

- Department of Applied Mathematics
- Department of Computing
- Department of Data Science and Artificial Intelligence

Faculty of Construction and Environment 建設及環境學院

- Department of Architecture
- Department of Building Environment and Energy Engineering
- Department of Civil and Environmental Engineering
- Department of Construction Management and Intelligence
- Department of Land Surveying and Geospatial Science

Faculty of Engineering 工程學院

WHERE CONCEPTS BECOME REALITY

- Department of Aeronautical and Aviation Engineering
- Department of Biomedical Engineering
- Department of Electrical and Electronic Engineering
- Department of Industrial and Systems Engineering
- Department of Mechanical Engineering

醫療及社會科學院 Faculty of Health and Social Sciences

- Department of Applied Social Sciences
- Department of Health Technology and Informatics
- Department of Rehabilitation Sciences
- School of Nursing
- School of Optometry

Faculty of Humanities 人文學院

- Department of Chinese History and Culture
- Department of English and Communication
- Department of Language Science and Technology
- Division of Artificial Intelligence and the Humanities

Faculty of Science 理學院

- Department of Physics and Materials
- Department of Chemistry
- Department of Food Science and Nutrition
- Department of Life Sciences

PolyU Design

School of Fashion & Textiles 時裝及紡織學院

School of Hotel & Tourism Management

College of Undergraduate Studies 本科生學院

The **College of Undergraduate Studies (CUS)** is committed to academic excellence, innovation, and whole-person development in students through academic programmes, interdisciplinary learning, and the General University Requirements for their success in a rapidly changing world. CUS empowers students to become future-ready leaders and professionals, responding to local and global needs.

Graduate School 研究生院

The **Graduate School (GS)** plays a crucial role in planning, managing, and ensuring the quality of our postgraduate education. With top-quality research postgraduate programmes across Faculties/Schools, collaborative PhD programmes with leading universities, and taught postgraduate programmes at the University level, GS fosters interdisciplinary development among students, academia, and industry to address the changing needs of Hong Kong, the Nation and the world.

SUBJECT RANKINGS

QS World University Rankings

by Subject 2026

- 1st — 15th — Hospitality and Leisure Management
- 1st — 18th — Civil and Structural Engineering
- 18th — Nursing
- 21st — Architecture and Built Environment
- 1st — 24th — Art and Design
- 1st — 34th — Environmental Sciences

THE World University Rankings

by Subject 2026

- 1st — 25th — Business and Economics
- 43rd — Engineering
- 52nd — Social Sciences
- 70th — Computer Science
- 77th — Arts and Humanities
- 99th — Physical Sciences

U.S. News & World Report

by Subject 2026-27

- 1st — 2nd — Civil Engineering
- 1st — 6th — Engineering
- 1st — 6th — Mechanical Engineering
- 1st — 11th — Green and Sustainable Science and Technology
- 13th — Energy and Fuels
- 17th — Education and Educational Research
- 19th — Social Sciences and Public Health

Shanghai Ranking 软科

by Subject 2025

- 1st — 1st — Hospitality and Tourism Management
- 1st — 1st — Management
- 1st — 1st — Transportation Science and Technology
- 1st — 3rd — Civil Engineering
- 1st — 5th — Textile Science and Engineering

as of June 2026

1st Ranked first in Hong Kong

NURTURING BRIGHT MINDS AND CONTRIBUTING TO SOCIETY

PolyU strives to provide a holistic learning experience that nurtures socially responsible professionals, and leaders with a strong sense of national pride and a global perspective. Our goal is to cultivate and encourage individuals to contribute to the long-term development of Hong Kong, the Nation, and the world.

180+
Programmes

33,000+
Students

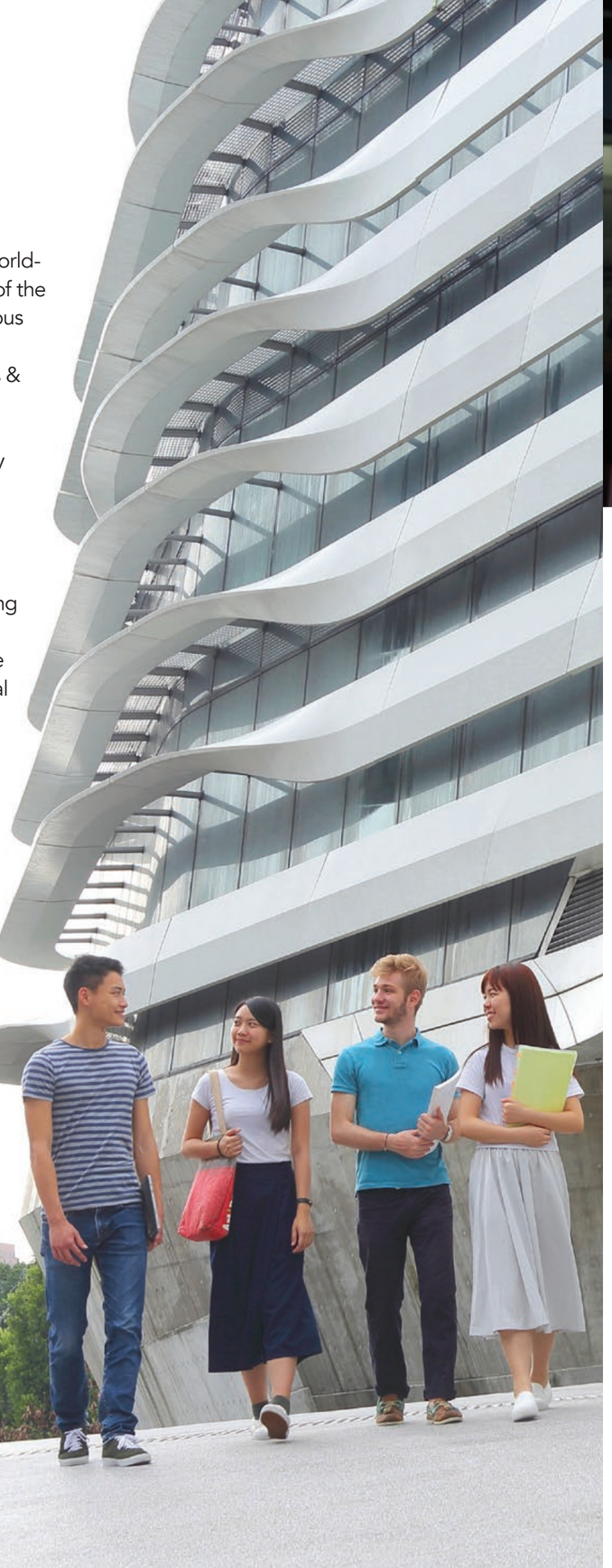
11
Cumulative No. of UGC Teaching Awards Received

WORLD-CLASS EDUCATION

PolyU's commitment to providing students with world-class education is reflected in our ranking as one of the world's top 100 universities, according to prestigious organisations, including the QS World University Rankings, Times Higher Education, and U.S. News & World Report.

PolyU is ranked 52nd globally in THE Sustainability Impact Ratings 2026. Furthermore, the QS World University Rankings by Subject 2026 placed five PolyU subjects in the Global Top 30.

Additionally, the University has 24 subjects breaking into the world's top 100, including Environmental Sciences (ranked first in Hong Kong); Data Science and Artificial Intelligence; Mechanical, Aeronautical and Manufacturing Engineering; and Materials Sciences.

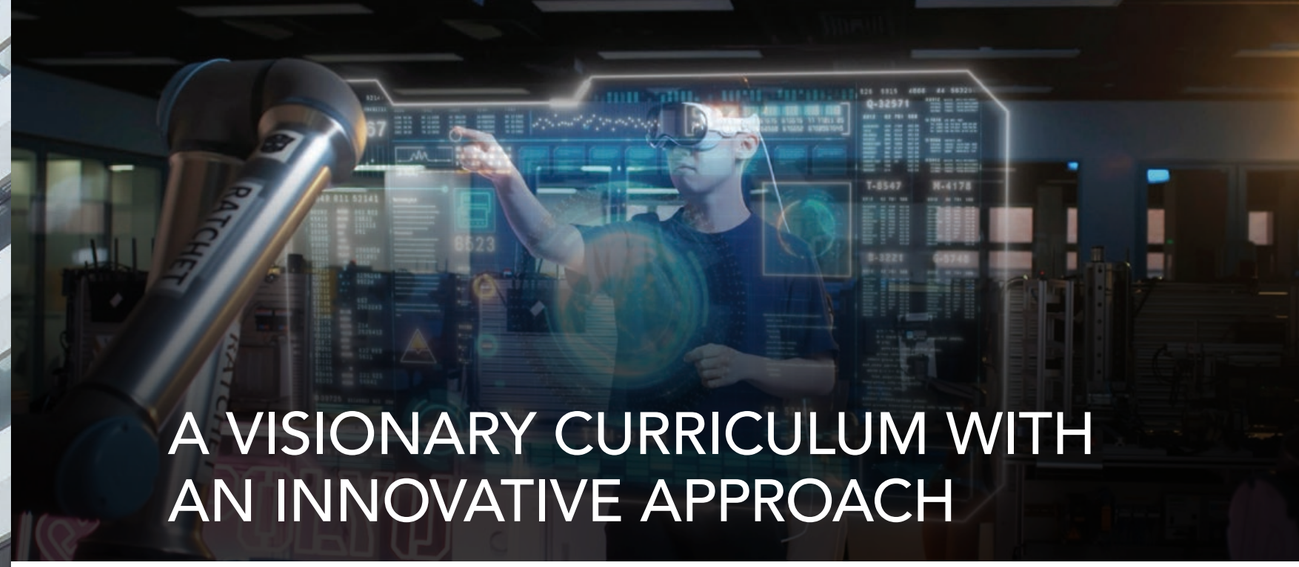


QS WORLD UNIVERSITY RANKINGS BY SUBJECT 2026

5 subjects in the Global Top 30

- Hospitality & Leisure Management*
- Civil & Structural Engineering*
- Nursing
- Architecture & Built Environment
- Art & Design*

* No. 1 in Hong Kong



A VISIONARY CURRICULUM WITH AN INNOVATIVE APPROACH

PolyU seeks to prepare next-generation leaders who can thrive in a rapidly evolving, technology-driven world through academic innovation, student-centred learning, and a transformative experience for our students.

FORGING LEADERS FOR THE AI ERA

Recognising artificial intelligence (AI) as fundamental to the future, the University has launched the PolyU Education 4.0 initiative to transform learning and teaching, integrating AI and smart technologies into a student-centred approach that prioritises personalised learning and active engagement. The Faculty of Computer and Mathematical Sciences further strengthens our capacity to nurture talent and expertise for the AI era.

From the 2026/27 academic year onwards, a compulsory subject on the use of AI as a tool for language learning will be introduced for all first-year-first-degree undergraduates. This will ensure that every PolyU student develops essential digital literacy, along with language and communication skills for a globalised world.

To nurture high flyers in the AI era, PolyU has incorporated "Artificial Intelligence and Data Analytics" (AIDA) and "Innovation and Entrepreneurship" (IE) into the General University Requirements for the undergraduate curriculum, with options for students to pursue these subjects as minors or secondary majors. New academic programmes, such as the Doctor of Business Artificial Intelligence, Master of Science in GenAI and the Humanities, and BSc (Hons) Scheme in Data Science and Artificial Intelligence, have also been launched.

A CURRICULUM ALIGNED WITH SOCIETAL NEEDS

PolyU continuously evolves its curriculum structure to better support student growth and meet the needs of industry and society. The University now adopts a Faculty-based undergraduate admission system, offering students greater flexibility to explore their interests and adapt to a rapidly changing world. All first-year students of the same Faculty or School undertake a Common Year One curriculum before choosing their programme focus. The newly launched Bachelor's Degree Scheme in Interdisciplinary Studies further broadens opportunities, allowing outstanding students to access any PolyU programme based on their own aspiration.

FOSTERING NOVEL WAYS TO TEACH

PolyU embraces cutting-edge teaching across disciplines, actively integrating advanced educational technologies and experiential learning. The Institute for Higher Education Research and Development (IHERD), as the University's strategic platform for driving and scaling evidence-based practice, continues to spearhead pedagogical innovation through digital transformation, the integration of advanced technologies including AI-enabled learning systems and analytics, supporting the University's ongoing educational transformation and reinforcing PolyU's position at the forefront of learning and teaching.

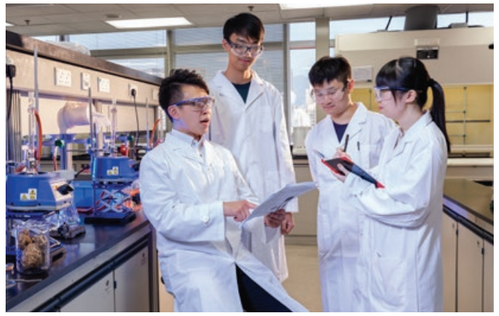
Among PolyU's key educational innovations is HiVE (Hybrid Immersive Virtual Environment) – the world's first large-scale extended-reality hybrid classroom – which creates an immersive 2D or 3D environment enabling students to visualise abstract concepts and experience the limitless possibilities of the digital world.

EMPOWERING FUTURE LEADERS

PolyU is committed to preparing students to become future leaders who can inspire positive social change while embracing their unique skill sets - whether in technology, research, sports, arts, STEM, and more.

FOSTERING KNOWLEDGE CREATORS VIA URIS

Designed to develop a new generation of enquirers and problem-solvers, our Undergraduate Research and Innovation Scheme (URIS) connects undergraduates with research projects supervised by university scholars. URIS students automatically join the virtual College of Undergraduate Researchers and Innovators (CURI), and receive priority allocation to the CURI Residential College with young academics as resident fellows.



CULTIVATING DIVERSE STRENGTHS VIA STARS

PolyU admits students with exceptional talent in sports, arts and culture, leadership and community services, and STEM through our Special Talents Admission and Recognition Scheme (STARS). A vibrant learning community awaits these outstanding students in our STARS Residential College.

ATHLETIC AND ACADEMIC SUCCESS

PolyU offers high-potential student-athletes the best of both worlds: the opportunity to study while pursuing excellence in sports. Our Outstanding Sportsmen Recommendation Scheme (OSRS) has already admitted over 1,600 elite athletes. It is complemented by the Student-Athlete Learning Support and Admission Scheme (SALSA Scheme), and an Elite Athletes Study Programme with the Hong Kong Sports Institute.

PROMOTING THE ARTS AND CULTURE

Art and culture are essential to PolyU's holistic education, with programmes covering performing arts, visual arts, film, creative media, literature, history, and cultural heritage. Exploration trips and exchange initiatives are also organised to deepen students' cultural understanding. In addition, the PolyU Orchestra, PolyU Choir and PolyU Theatre also provide outlets for students to explore their creative side and develop valuable skills.

Our Artist-in-Residence (AIR) programme was established in 1999 to promote cultural exchange between students and professional artists. Over the years, more than 30 renowned artists have been invited to engage with university community. They include music maestro and University Fellow Mr Leung Kin-fung, Historian-in-Residence Professor Joseph Ting Sun-pao, contemporary ink painting pioneer Mr Wucius Wong, King of Drama Dr Chung King-fai, and the eminent Cantonese opera artiste Mr Yuen Siu-fai.

To further advance our artistic and cultural impact on the community, the University established the PolyU Artists' Alliance. Since 2023 its Convenor, the highly respected performing artist and University Fellow Dr Liza Wang, has successfully brought together a host of artists from different fields.

INSPIRING KNOWLEDGE & EXCHANGING WISDOM

PolyU's university-wide mentorship programme, "INSPIRE", enhances students' holistic educational experience and supports their all-round development through mentoring by role models and prominent leaders. Since its launch, the programme has engaged over 550 mentors and 2,700 mentees, fostering students' personal, academic, and professional growth.

DEVELOPING A GLOBAL OUTLOOK AND IMPACTING SOCIETY

PolyU fosters a global outlook through student exchange programmes, our Cluster-Area Requirements and Service-Learning subjects, and non-local Work-Integrated Education opportunities. They offer immersive learning experiences in various countries and regions. By engaging with diverse subjects, cultures, and experiences, PolyU students recognise and appreciate the impact they can make on their communities and society at large. The University also invites students from all over the world to PolyU through our international summer school programmes.

The University's goal is to provide all undergraduates to engage in at least one non-local learning experience by the 2027/28 academic year. This initiative will deepen our students' cultural awareness and international perspective, and develop a sense of social responsibility. Starting from the 2025/26 academic year, an additional HK$30,000 overseas exchange funding will be offered to all undergraduate students who receive an academic Entry Scholarship, enabling them to participate in the student exchange programmes.

CULTIVATING SOCIAL VALUES AND NATIONAL PRIDE

We believe the responsibility of education extends beyond imparting professional skills and academic knowledge to the next generation; it also encompasses cultivating a positive outlook on life and instilling commendable values.

PolyU's curriculum promotes leadership integrity, law-abiding citizenship, and knowledge of Chinese history and culture. To strengthen the sense of national pride among local youth and deepen their understanding of Chinese history and culture, we have implemented a series of initiatives. They include mandating that every undergraduate student complete at least one 3-credit subject in the area of Chinese history and culture.

Moreover, we have integrated compulsory National Education into our curriculum for more than 10,000 undergraduate and postgraduate students annually. These academic requirements are supported by extra-curricular activities, such as topical talks and film appreciation.

In addition to being home to the Confucius Institute of Hong Kong - the first Confucius Institute established in China, PolyU established the Research Centre for Chinese History and Culture to strengthen students' understanding of what has made the country what it is today.

The University also organises the PolyU Chinese Culture Festival, featuring a series of events that embrace different art forms and themes to enhance the appreciation of Chinese culture and heritage among the younger generation.

Furthermore, we are the first university to set up a Student Flag-Raising Team. Comprising over 120 undergraduate and postgraduate students, it conducts flag-raising ceremonies on campus during significant occasions.

NURTURING SOCIALLY RESPONSIBLE GRADUATES VIA SERVICE-LEARNING

PolyU is the first local university to make academic Service-Learning a graduation requirement for all undergraduate students. Service-Learning is an experiential pedagogical approach that encourages students to apply their own professional knowledge and skills to support communities in need, thereby promoting societal progress. The essence of Service-Learning lies in applying professional knowledge to serve society, cultivating socially responsible young persons with a strong sense of national pride and a global perspective.

In the 2025/26 academic year, over 40% of our undergraduate students received support to undertake Service-Learning studies outside Hong Kong.

Our Service-Learning initiative has enrolled more than 50,000 students since 2012, contributing over 2 million hours of service to communities in Hong Kong, the Chinese Mainland, and Taiwan, and overseas in countries such as Cambodia, Indonesia, Japan, Kazakhstan, Kyrgyzstan, Mongolia, Myanmar, the Philippines, Rwanda, South Africa, Tanzania, Thailand, and Vietnam.

Our students have:

- performed much-needed eye exams for underprivileged youth.
- installed solar panels to light up entire communities.
- provided clean drinking water for rural areas by setting up water filtration systems.
- brought cutting-edge technologies such as AI, VR, Metaverses to underserved, remote communities.

GAINING INDUSTRY EXPERIENCE VIA WORK-INTEGRATED EDUCATION

To enrich students' professional preparedness and their ability to contribute to society, PolyU pioneered the incorporation of a compulsory Work-Integrated Education programme for undergraduate students in Hong Kong. This programme expands students' hands-on experience and global outlook by offering internship opportunities not only in Hong Kong and the Chinese Mainland, but also in a range of international destinations such as Australia, Belgium, Canada, France, Germany, Ireland, Japan, Malaysia, New Zealand, Poland, Singapore, South Korea, Spain, Sweden, Thailand, the United Kingdom, and the United States. Students gain valuable exposure to different working environments and cultures through these diverse placements.

RESEARCH KNOWLEDGE & TRANSFER

PolyImpact

POLYU INVENTIONS AND INNOVATIONS THAT BENEFIT THE WORLD

Embedded within PolyU's DNA is a strong desire to better the world. In addition to pursuing pioneering research in frontier areas, we also embrace a strong culture of knowledge transfer. By proactively translating scientific discoveries into innovations and viable solutions, we expand human knowledge, tackle global challenges, and take the lead in making a positive impact on businesses, industries, and the world around us.

HK$ 8,300M+
Total Research Funding (2025/26)

4,700+
Ongoing Research Projects

4,300+
Research Personnel

420+
Scholars Ranked Among the World's Top 2% Most-cited Scientists for Career-long and Single-year Citation Impact

Having the **largest number of top 2% scientists** globally in the sub-fields of Building and Construction, and Operations Research

(according to an index by Stanford University in 2025)

21
Scholars Ranked in the World's Top 1% by Citations in their Respective Fields

(according to an index by Clarivate in 2025)

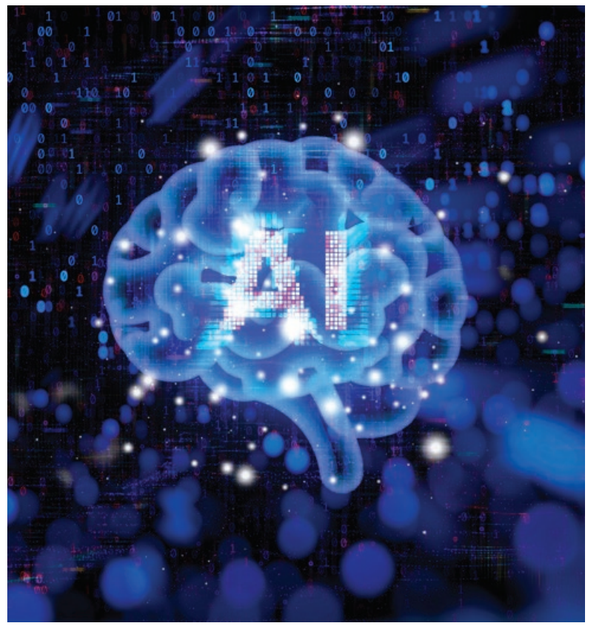
BRINGING INTERDISCIPLINARY SOLUTIONS TO COMPLEX SOCIETAL CHALLENGES

PolyU Academy for Artificial Intelligence
香港理工大學人工智能高等研究院

The PolyU Academy for Artificial Intelligence continues to accelerate the deep integration of artificial intelligence across key fields and develops AI models with specialised domain expertise for various professions, elevating Hong Kong as a global hub for Generative AI development.

2 **Research Institutes under PAAI:**

- **Research Institute for Federated Learning (RIFL)**
- **Research Institute for Generative AI (RIGAI)**



The PolyU Aerospace Research Academy (PARA) established in July 2026, further strengthen PolyU's, leading position in aerospace innovation.

Building on its existing research strengths in deep space exploration, large aircraft, the low-altitude economy, and space manufacturing technologies, PARA expands innovative research into emerging fields such as payload technologies, space health and travel, space governance and economy.

The Academy is committed to exploring cutting-edge aerospace technologies and applications. It aims to support China's national strategy of building a space power and enhance Hong Kong's position as an aerospace hub, while striving to become a world-class research institution with significant international influence in aerospace science and technology.

4 **Research Institutes and Centres under PARA:**

- **Research Centre for Deep Space Explorations**
- **COMAC-PolyU Research Institute for Large Aircraft**
- **Research Centre for Low Altitude Economy**
- **PolyU-CUS Joint Research Centre for Space Manufacturing Technology**

PolyU Academy for Interdisciplinary Research
香港理工大學高等研究院

Amid challenges like climate change, ageing population, and energy shortages, the world requires game-changing research for a sustainable future. The PolyU Academy for Interdisciplinary Research (PAIR) is the largest-of-its-kind research platform in Hong Kong and the Greater Bay Area, fostering collaboration across different disciplines to provide practical solutions to pressing societal issues.

PolyU scholars have been scientific purveyors of groundbreaking research across various fields, with a focus on advanced technologies and manufacturing, good health and well-being, and smart and sustainable cities.

19 **Research Institutes & Research Centres under PAIR**

RESEARCH INSTITUTES

Research Institute for Advanced Manufacturing

Research Institute for Artificial Intelligence of Things

Research Institute for Future Food

Research Institute for Intelligent Wearable Systems

Research Institute for Land and Space

Photonics Research Institute

Research Institute for Quantum Technology

Research Institute for Smart Ageing

Otto Poon Charitable Foundation Smart Cities Research Institute

Otto Poon Charitable Foundation Research Institute for Smart Energy

Research Institute for Sports Science and Technology

Research Institute for Sustainable Urban Development

RESEARCH CENTRES

Research Centre for Chinese Medicine Innovation

Research Centre for Digital Transformation of Tourism

Research Centre for Environmental, Social, and Governance Advancement

Mental Health Research Centre

Research Centre for Resources Engineering towards Carbon Neutrality

Research Centre for SHARP Vision

Research Centre of Textiles for Future Fashion

HIGH-LEVEL SCIENTIFIC EXCHANGE AND COLLABORATION WITH THE CHINESE MAINLAND

Further reinforcing PolyU's expertise in research and knowledge transfer are a number of cutting-edge University research labs and centres supported by the Nation and industry partners, fostering frontier research and innovation in different disciplines.

2 State Key Laboratories

- **State Key Laboratory of Climate Resilience for Coastal Cities**
- **State Key Laboratory of Ultra-precision Machining Technology**

2 Hong Kong Branches of Chinese National Engineering Research Centres

- **Hong Kong Branch of National Engineering Research Centre for Steel Construction**
- **Hong Kong Branch of National Rail Transit Electrification and Automation Engineering Technology Research Centre**

4 Chinese Academy of Sciences (CAS) - PolyU Joint Laboratories

- **CAS AMSS-PolyU Joint Laboratory of Applied Mathematics**
- **CAS GIG-PolyU Guangdong-Hong Kong-Macao Joint Laboratory for Environmental Pollution and Control**
- **CAS IRSM-PolyU Joint Laboratory on Solid Waste Science**
- **CAS SIAT-PolyU Multi-modal Medical Molecular Imaging Joint Laboratory**

3 The Greater Bay Area Joint Labs

- **Guangdong-Hong Kong-Macao Joint Laboratory for Environmental Pollution and Control**
- **Guangdong-Hong Kong Joint Laboratory for Marine Infrastructure**
- **Guangdong-Hong Kong-Macao Joint Laboratory for Photonic-Thermal-Electrical Energy Materials and Devices**

10+ Mainland Research Institutes

Mainland Translational Research Institutes (MTRI)

- **PolyU-Jinjiang Technology and Innovation Research Institute**
- **PolyU-Wuxi Technology and Innovation Research Institute**
- **PolyU-Hangzhou Technology and Innovation Research Institute**
- **PolyU-Wenzhou Technology and Innovation Research Institute**
- **PolyU-Nanjing Technology and Innovation Research Institute**
- **PolyU-Daya Bay Technology and Innovation Research Institute**
- **PolyU-Zhongshan Technology and Innovation Research Institute**
- **PolyU-Wuhan Technology and Innovation Research Institute**
- **PolyU-Shaoxing Technology and Innovation Research Institute**
- **PolyU-Hefei Technology and Innovation Research Institute**
- **PolyU-Xingguo Technology and Innovation Research Institute**
- **PolyU-Zibo Technology and Innovation Research Institute**

Mainland Translational Research Centre (MTRC)

- **PolyU-Qianhai Disruptive Technology and Innovation Research Centre**

Other research institutes in Mainland China

- **PolyU-Shenzhen Technology and Innovation Research Institute (Futian)**
- **PolyU Shenzhen Research Institute**

UNIVERSITY RESEARCH CENTRES

The University continues to expand its research facilities to foster new research in niche areas and further promote impactful research.

University-level Research Institutes and Centres

- Otto Poon Research Institute for Climate-Resilient Infrastructure
- Colour, Imaging, and Metaverse Research Centre
- International Centre of Urban Energy Nexus
- Policy Research Centre for Innovation and Technology
- PolyU Marshall Research Centre for Medical Microbial Biotechnology
- Research Centre for Artificial Intelligence in Geomatics
- Research Centre for Assistive Technology
- Research Centre for Blockchain Technology
- Research Centre for Carbon-Strategic Catalysis
- Research Centre for Chinese History and Culture
- Research Centre for Cultural and Art Technology
- Research Centre for Data Science and Artificial Intelligence
- Research Centre for Electric Vehicles
- Research Centre for Future (Caring) Mobility
- Research Centre for Gerontology and Family Studies
- Research Centre for Innovative Technologies for Chronic Musculoskeletal Pain
- Research Centre for Low Altitude Economy
- Research Centre for Materials Intelligent Manufacturing
- Research Centre for Nanoscience and Nanotechnology
- Research Centre for Nature-based Urban Infrastructure Solutions
- Research Centre for Nature-Inspired Science and Engineering
- Research Centre for Non-invasive Brain Computer Interface
- Research Centre for Organic Electronics
- Research Centre for Privacy and Security Technologies in Future Smart Systems
- Research Centre for Quantitative Finance
- Research Centre for Unmanned Autonomous Systems

Joint Research Centres

- COMAC-PolyU Research Institute for Large Aircraft
- Joint Research Centre for Biosensing and Precision Theranostics
- Joint Research Centre for Design and Net-shape Forming of Micro-/Meso-scaled Surface Functional Structures
- Joint Research Centre for Fiber Innovations and Renewable Materials
- Joint Research Centre for Marine Infrastructure
- Joint Research Centre for Microelectronics
- Joint Research Centre for Primary Health Care
- National Centre of Technology Innovation for Intelligent Design and Numerical Control (NCDC) – Hong Kong Centre
- Peking University-The Hong Kong Polytechnic University China Social Work Research Centre
- PolyU-BGI Joint Research Centre for Genomics and Synthetic Biology in Global Ocean Resources
- PolyU-CSU Joint Research Centre for Space Manufacturing Technology
- PolyU-SCUT Joint Research Centre for Advanced and Green Composite Materials
- PolyU-Stanford Joint Research Centre for Longitudinal Deep Omics
- PolyU-Tongji Joint Research Centre for AI Transformation of Civil Engineering
- UM–PolyU Joint Research Centre for Robotics and Embodied Intelligence

ADVANCING GLOBAL COLLABORATIONS UNDER INNOHK

To help develop Hong Kong into a hub for global research collaboration, PolyU has partnered with world-leading institutions, harnessing its research competency in artificial intelligence, design, and vision science to create research centres under the research clusters: AIR@InnoHK (focused on artificial intelligence and robotics technologies), Health@InnoHK (focused on healthcare-related technologies) and SEAM@InnoHK (focused on intelligent electric grid and sustainable energy technologies).

AiDLab Laboratory for Artificial Intelligence in Design 人工智能設計研究所

CEVR Centre for Eye and Vision Research 眼視覺研究中心

Laboratory for Artificial Intelligence in Design (AiDLab)
established in collaboration with the Royal College of Art, UK

Centre for Eye and Vision Research (CEVR)
established in partnership with the University of Waterloo, Canada

Research Centre for Intelligent GRID and Energy Technologies Limited (I-GET)

ADDRESSING SOCIETAL NEEDS WITH IMPACTFUL RESEARCH

PolyU has been harnessing its world-class research and knowledge transfer capabilities to make a positive impact.

Deep Space Exploration

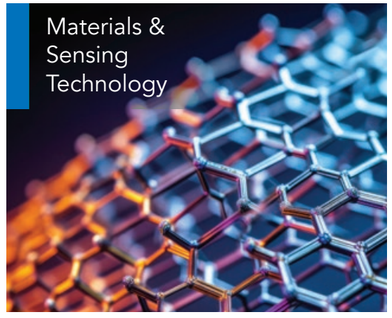
We have been actively involved in space projects over the past few decades, and have actively supported the Nation's space missions, including missions to the Moon and to Mars, through the development of sophisticated technological instruments and identifying possible landing regions. Our projects include developing the "Camera Pointing System" for Chang'e-3 and Chang'e-4's lunar landings, creating the "Surface Sampling and Packing System" for Chang'e-5 and Chang'e-6's lunar sampling mission on near side and far side of the moon, and producing the "Mars Landing Surveillance Camera" for the Tianwen-1 mission. We gained approval from the Nation to borrow the lunar soil samples collected by Chang'e-5 and Chang'e-6. Our research team will conduct an analysis to find water in the lunar regolith.

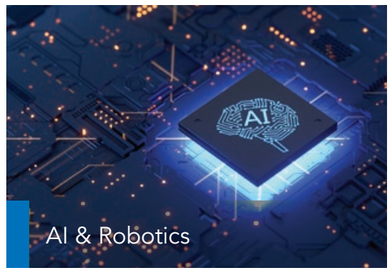
Smart Cities

We aim to provide an interdisciplinary platform for PolyU's experts to develop leading research in Smart Cities by capitalising on our existing interdisciplinary research strengths. Our key research themes also cover the six smart areas identified by the *Hong Kong Smart City Blueprint*, in response to the specific needs of Hong Kong as well as the generic needs for global smart cities development.

Materials & Sensing Technology

Our projects include new fabric-sensing technologies used in smart footwear and clothing to train athletes, prevent sports injuries and help people suffering from hypertension, Parkinson's disease, cardiovascular disease and diabetes. In addition, new processing technologies have been developed on the PolyU campus to produce novel electronic fabrics made from the world's finest electronic yarns.





Life Sciences & Healthcare

We are harnessing the power of science and innovation to transform the future of healthcare. From investigating the molecular mechanisms of cancer drug resistance to creating an AI drug discovery platform, we take pride in leveraging our unique expertise to make a positive impact on our world.

AI & Robotics

Our facilities include the state-of-the-art Artificial Intelligence and Robotics Lab in our Industrial Centre, as well as the Research Institute for Artificial Intelligence of Things. Our research outcomes include PolyPi, an innovative autonomous robot developed for pipeline inspection.

Advanced Manufacturing

Our vision is to create a world-class hub for global research and knowledge transfer in advanced manufacturing to drive the economic growth of Hong Kong, the Greater Bay Area and the Nation, with advanced processing and materials technologies, carbon-neutral manufacturing, digital manufacturing, and manufacturing systems and instrumentation as key research directions.

HOLISTIC ENTREPRENEURSHIP DEVELOPMENT

PROMOTING ENTREPRENEURSHIP, DRIVING CHANGE

A pioneer in promoting innovation and entrepreneurship, PolyU is a breeding ground for aspiring entrepreneurs. Through the PolyVentures initiative, the University has developed a robust entrepreneurial ecosystem that helps our academic- and student-led startups translate PolyU's research outcomes into real-world impact.

600+
Total Active Startups

500+
International and Local Awards

7,600+
Entrepreneurs Trained

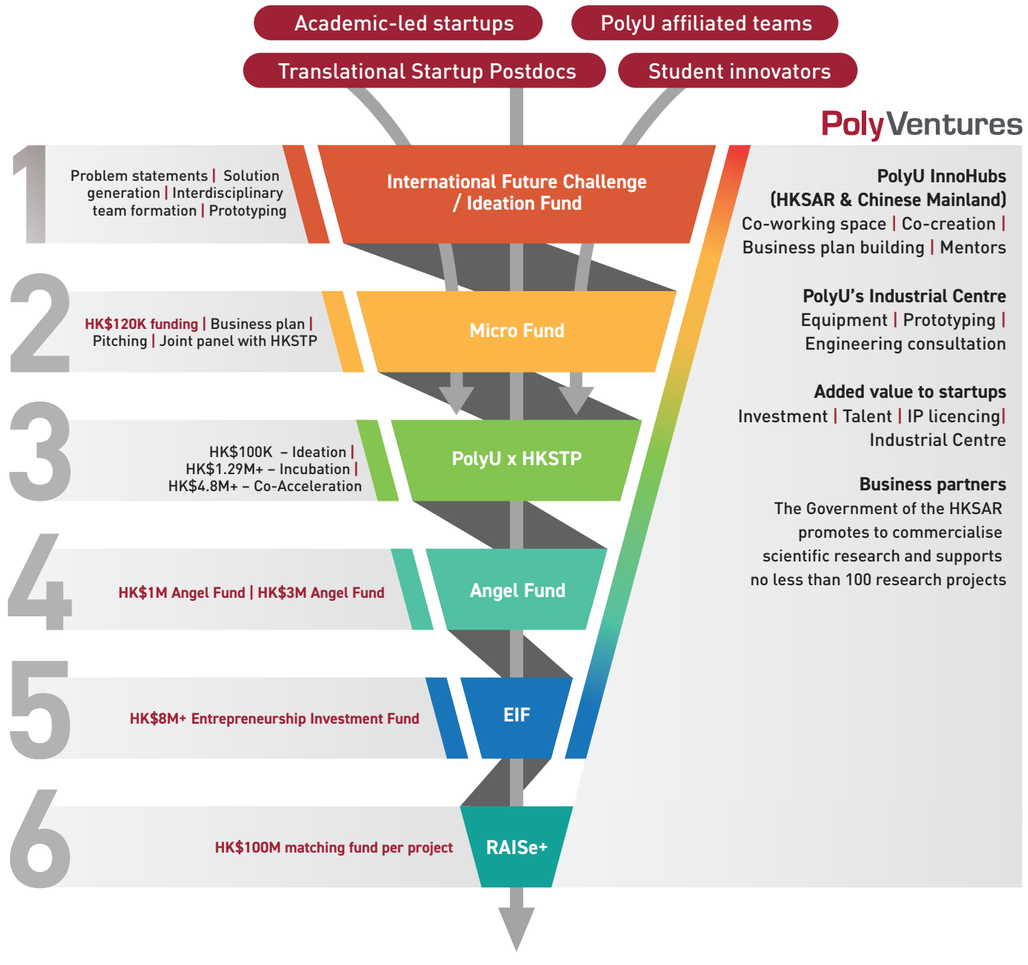
26
Ponies
(US$10 million+ valuation)

3
Unicorns
(US$1 billion+ valuation)

2
Listed Companies

PolyVentures

Our PolyVentures ecosystem empowers aspiring PolyU-affiliated entrepreneurs to transform innovative ideas into successful businesses. Our platform, rooted in entrepreneurship and innovation, offers resources like funding, networking, incubation programmes, training, and business matching services. We foster a mindset encouraging creativity, innovation, and risk-taking, enabling entrepreneurs to overcome business challenges and bring cutting-edge technologies and innovations to the market, positively impacting society.



EDUCATION AND IDEATION

X + Innovation & Entrepreneurship

The programme provides undergraduates from diverse disciplines with knowledge, skills, and a wide range of opportunities to gain entrepreneurial experience, ranging from credit-bearing courses, corporate internships to exchange trips to the Greater Bay Area or overseas.

Entrepreneurship Education

Two secondary majors in "Innovation and Entrepreneurship" and "Artificial Intelligence and Data Analytics" continued to foster graduates with the skills and knowledge to prosper amid fast-moving times. Early interest in discovery and innovative problem-solving was further generated through the Undergraduate Research and Innovation Scheme (URIS) and College of Undergraduate Researchers and Innovators (CURI).

Ideation Funding Scheme

This funding initiative is one of the key entrepreneurship education components at PolyU which aims to instil a problem-driven innovation mindset into young talents through experiential learning and student-initiated research and development.

PRE-INCUBATION/ INCUBATION

PolyVentures MICRO FUND

Up to HK$1.41M funding support from PolyU and HKSTP

Launched in 2011, the Fund is the first funding initiative in the University to cultivate an entrepreneurial atmosphere in the PolyU community and to promote knowledge transfer and commercialisation of PolyU's innovations and technologies. With support of up to HK$1.41 million from PolyU and HKSTP Ideation and Incubation Programmes, the Scheme aims to bolster PolyU early-stage startups to step up their entrepreneurship journey with high-quality business propositions and impact across regions.

Translational Startup Postdoc Programme

Transforming PhD to Technopreneur

The Programme (formerly known as GBA Startup Postdoc Programme) aims to foster research-based entrepreneurship and empower recent doctoral graduates to become "Technopreneurs". By leveraging the extensive resources and industrial network of PolyU and its Mainland Translational Research Institutes, this Programme provides comprehensive entrepreneurial support and guidance, opening up business opportunities across the Chinese Mainland for doctoral graduates who possess a strong passion and vision for commercialising research technologies through startup ventures.

INVESTING IN ACCELERATION

Two-Tier ANGEL FUND Scheme

Leveraging the Technology Startup Support Scheme for Universities under the Innovation and Technology Commission (ITC), the Angel Fund consists of two tiers (TSSSU-O & TSSSU+) and supports technology startups comprising PolyU students, graduates, or faculty members. The Scheme supports early-stage startups which require a higher starting capital for research and development.

Funding Amount	
Tier One - TSSSU-O	**Tier Two - TSSSU+**
Up to **HK$0.5 million** grant by Innovation and Technology Commission + Potential **HK$0.5 million** top-up investment by PolyU EIF (optional)	Secured at least **HK$0.8 million** private investment by applicant + **HK$0.8** million matching grant by ITC

PolyU ENTREPRENEURSHIP INVESTMENT FUND

The Entrepreneurship Investment Fund is an early-stage equity investment fund that leverages the resources and expertise of our co-investors and partners to further drive our research-into-impact mission. The Fund supports the scaling-up of startups led by PolyU faculty members, graduates or students, as well as those driving the commercialisation of PolyU's research and innovations.

POLYU PROJECTS FUNDED BY RAISE+ SCHEME DRIVE REAL-WORLD IMPACT

Liquicool Tech Limited

Energy-efficient liquid cooling system for data centres

Professor Wang Zuankai, Associate Vice President (Research), Dean of Graduate School, Kuok Group Professor in Nature-Inspired Engineering, Chair Professor of Nature-Inspired Engineering

MatraVolt Limited

Next-generation composite current collectors for mobility and energy storage batteries

Professor Zijian Zheng, Vice President (Knowledge Transfer), Associate Director of the Research Institute for Intelligent Wearable Systems and Associate Director of the University Research Facility in Materials Characterization and Device Fabrication

SenseMind Hong Kong Technology Limited

High-speed, low-power AI vision sensor

Professor Chai Yang, Associate Dean (Research) of the Faculty of Science, Chair Professor of Semiconductor Physics, Director of the Joint Research Centre for Microelectronics and Director of the University Research Facility in Materials Characterization and Device Fabrication

AIM Pharmaceutical International Limited

Novel nutraceuticals for neurodegenerative diseases

Professor Simon Lee Ming-yuen, Cally Kwong Mei Wan Professor in Biomedical Sciences and Chinese Medicine Innovation, Chair Professor of Biomedical Sciences and Director of the PolyU-BGI Joint Research Centre for Genomics and Synthetic Biology in Global Ocean Resources

InfiG.ai Limited

Reallm: World-leading enterprise GenAI infrastructure solution

Prof. Yang Hongxia, Executive Director of the PolyU Academy for Artificial Intelligence, Vobile Group Professor in Generative Artificial Intelligence, Associate Dean (Global Engagement) of the Faculty of Computer and Mathematical Sciences, and Chair Professor of Generative AI

Anlaseo Technology Limited

Novel broadband tunable laser chip based on metasurface structure

Professor Yu Changyuan, Director of the PolyU-Jingjang Technology and Innovation Research Institute and Chair Professor of Photonic Information System

Laser Technologies Limited

Forging with clarity: Intelligent in-situ laser melt pool monitoring technology

Professor H.C. Man, Dean of the Faculty of Engineering, Cheng Yick-chi Chair Professor in Manufacturing Engineering, Chair Professor of Materials Engineering, Director of the University Research Facility in 3D Printing

WiseLaw Digital Technology Limited

WiseLaw: Next generation agentic AI for legal services

Professor Lu Haitian, Hong Kong Sustaintech Foundation Professor in Accounting and Finance, Director of the Mainland Development Office

ShieldTrade: Multi-layer defense system for secure web3 transactions

Professor Allen Au Man-ho, Associate Head (Research and Development) and Professor of the Department of Computing

Quantum Technology Group Limited

New generation of miniature quantum chip with embedded system for cybersecurity

Professor Liu Aiqun, Director of the Research Institute for Quantum Technology, Chair Professor of Quantum Engineering and Science and Hong Kong Global STEM Scholar

DEVELOPING INVENTIONS FOR IMPACT

4,230+
Patents Filed

1,770+
Patents Granted

3,000+
Inventions

600+
Total Active Startups

350+
Tech Startups

260+
Design or Social Innovation Startups

160+
Academic-led Startups

500+
International and Local Awards

7,600+
Entrepreneurs Trained

26
Ponies

3 Unicorns

HAI ROBOTICS

Hai Robotics, founded in 2016 by Mr Richie Chen and Mr Fang Bing, graduates of the Department of Electronic and Information Engineering of PolyU, is a startup that provides world-leading autonomous case-handling robotic systems.

ECOFLOW

EcoFlow, founded in 2017 by Dr Bruce Wang, a graduate of the Department of Mechanical Engineering, provides industry-leading portable power solutions, solar technology, and the world's first smart home ecosystem.

aftership

Aftership, co-founded in 2012 by Mr Dante Tsang, a graduate of the Associate in Information Technology programme, is a startup that offers a suite of automation tools. It helps businesses with sales, marketing, order management, and shipment tracking.

2 Listed Companies

GOGOX

Co-founded by PolyU graduate Mr James O in 2013, GoGoX is one of the first mobile app-based logistics platforms in Asia revitalising the traditional logistics industry with innovative technology.

水滴 WATERDROP INC.

WaterDrop, founded in 2016 by Dr Shen Peng, a graduate of PolyU's Doctor of Hotel and Tourism Management, operates a leading insurance technology and healthcare platform in the Chinese Mainland, which enhances public access to medical protection.

4 Startups Included in Forbes Asia 100 to Watch List 2023-24

EIELING TECHNOLOGY LIMITED · Fleming MedLab · isBIM · Telefield

5 Included in Forbes 30 Under 30 Asia List 2023-25

Dim POS · Dress Green · LIBPET · LIFESPARROW SOLUTION LTD · Vidi Labs

as of June 2026

ALUMNI

FORGING A BETTER WORLD WITH EXCEPTIONAL GRADUATES

For nearly nine decades, PolyU has nurtured more than 516,000 graduates worldwide. These graduates have flourished as distinguished leaders, high achievers, and role models in various fields including the public sector, healthcare, accounting, engineering, the arts, entrepreneurship, community leadership, and many more.

PolyU alumni are real-world changemakers. Imbued with a strong desire to apply their knowledge in serving society, they have helped address the needs of Hong Kong, the Nation and the world through their respective careers. These thriving professionals have also continued to support PolyU's next generation of leaders by participating in various alumni initiatives.

FOSTERING CONNECTIONS WITH EXTENSIVE ALUMNI NETWORKS

PolyU maintains an extensive network of engaged and supportive alumni in Hong Kong and around the world. From 43 alumni associations, to further alumni networks in the Chinese Mainland and overseas associations across Australia, Canada, Singapore, the United Kingdom, and the United States, our alumni networks keep PolyU graduates connected with the university community long after they have left the campus. These networks also facilitate fruitful exchanges of knowledge, career insights, and opportunities between accomplished graduates and current students.

SUPPORTING POLYU'S CONTINUED GROWTH

Always seeking to grow and inspire growth, many of our alumni regularly participate in programmes that support their alma mater and the PolyU community. They lend their expertise, time, and networks towards mentoring students, leading alumni groups, participating in fundraising events, and more, contributing to PolyU's continued pursuit of academic and research excellence in whichever way they can.

516K+
Total Graduates around the World

43
Alumni Associations

8
Overseas Associations

14
Chinese Mainland Alumni Networks

113
Outstanding PolyU Alumni Awardees

ENGAGING THE NATION AND INTERNATIONAL OUTREACH

BUILDING STRONG CONNECTIONS WORLDWIDE

PolyU has built robust partnerships with tertiary and research institutions worldwide, and with a firm presence in the Chinese Mainland, we are also committed to supporting the development of the Guangdong-Hong Kong-Macao Greater Bay Area. We are actively strengthening our international networks, and advancing our education, research, and knowledge transfer impact around the globe.

14,000+
Non-local Students

390+
Global Partner Institutions from
40+ Countries and Regions

Dual PhD Programmes with
20+
Overseas and
Chinese Mainland Universities

1,000+
Chinese Mainland Partner Universities
/ Research Institutes

4,000+
Chinese Mainland
Collaboration Projects

ADVANCING THE NATION'S DEVELOPMENT WITH EDUCATION & RESEARCH

PolyU has actively built ties with the Chinese Mainland to advance its research capabilities and develop talent who are capable of moving the Nation towards progressive economic growth.

NATION-APPROVED RESEARCH FACILITIES

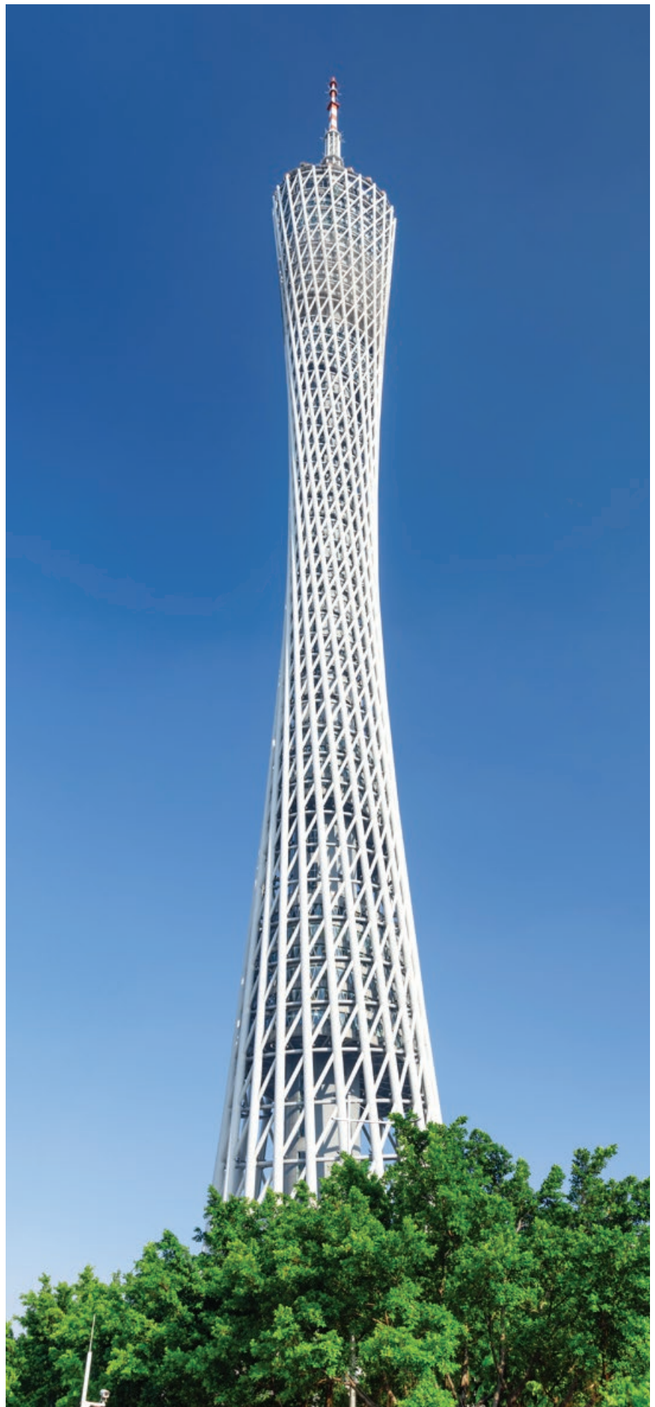
PolyU is home to two State Key Laboratories and two Hong Kong Branches of the Chinese National Engineering Research Centres: State Key Laboratory of Climate Resilience for Coastal Cities (PolyU), State Key Laboratory of Ultra-precision Machining Technology (PolyU), National Engineering Research Centre for Steel Construction (Hong Kong Branch), and the National Rail Transit Electrification and Automation Engineering Technology Research Centre (Hong Kong Branch). Approved by the Ministry of Science and Technology, these facilities are dedicated to advancing the technological and scientific development of the Nation and the GBA through research covering life sciences, infrastructure development, advanced optics and critical precision components, rail technical innovations, drug discovery, advanced manufacturing, applied engineering for steel construction, and more.

DRIVING INNOVATION WITH SPACE AND INFRASTRUCTURE PROJECTS

PolyU has contributed to a number of key deep space exploration, mega-structure and high-speed railway research projects for the Nation over the years.

Since 2013, we have been working on a series of important research and development projects, making significant contributions to the Nation's historic space missions, including the Chang'e-3 mission in 2013, Chang'e-4 mission in 2019, Chang'e-5 mission in 2020, Tianwen-1 mission in 2021 and Chang'e-6 mission in 2024.

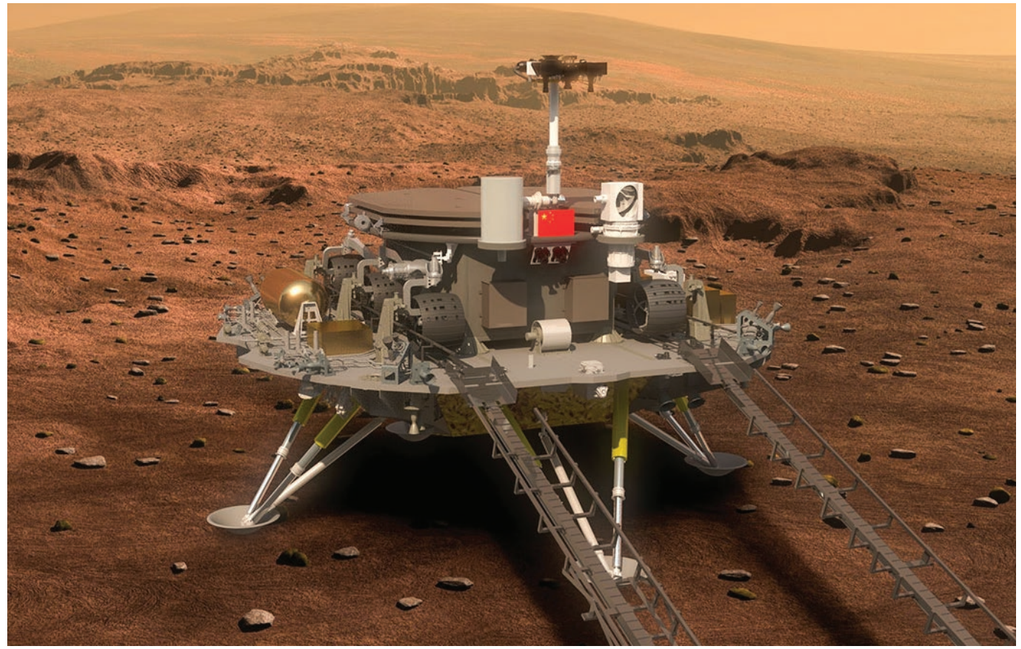
To enable predictive maintenance and improve the service reliability of our metro lines, we have also developed a smart railway condition monitoring technology whose proprietary optical fibre sensing technology has now been installed in several parts of the Nation's high-speed rail network as well as adopted in multiple countries. Moreover, our Structural Health Monitoring System provides health checks throughout a building's lifespan, and has been installed in major architecture such as the Sutong Bridge and Canton Tower in the Chinese Mainland.



NURTURING FUTURE LEADERS WITH JOINT PROGRAMMES

PolyU has been offering joint programmes ranging from master's to doctoral levels in collaboration with Mainland universities. PolyU also has the highest number of joint educational programmes approved by the Ministry of Education among Hong Kong institutions.

POLYU JOINT EDUCATION PROGRAMMES APPROVED BY THE MINISTRY OF EDUCATION
Doctor of Hotel and Tourism Management (with Zhejiang University)
Doctor of Management (with Renmin University of China)
Master of Arts in Fashion and Textiles (Fashion Merchandising) (with Xi'an Polytechnic University)
Master of Business Administration (with Xi'an Jiaotong University)
Master of Science in Hotel and Tourism Management (with Zhejiang University)
Master of Science in Information Systems (with Xi'an Jiaotong University)
Master of Science in International Real Estate (with Zhejiang University)
Master of Science in Quality Management (with Zhejiang University)



ADDRESSING SOCIETAL NEEDS WITH TRANSLATIONAL RESEARCH

PolyU has signed detailed agreements with 12 selected cities in the Chinese Mainland – Jinjiang, Wuxi, Hangzhou, Wenzhou, Huizhou, Nanjing, Zhongshan, Wuhan, Shaoxing, Hefei, Ganzhou, and Zibo – to set up Mainland Translational Research Institutes (MTRIs), some of which are already in operation. The University has also established a Mainland Translational Research Centre (MTRC) in Qianhai. Through these collaborations, PolyU aligns its research capabilities and outcomes with local industrial and societal needs, enhancing the impact of our research and each host city's development through targeted solutions. Funding for each institute's and centre's research and knowledge transfer activities is secured from host cities.

REGIONAL BASES IN THE CHINESE MAINLAND

PolyU was the first institution in Hong Kong to be invited to visit leading institutions in the Chinese Mainland back in 1978. Over the years, the University has established regional bases in Beijing, Chengdu, Hangzhou, Shanghai, Shenzhen, and Xi'an. Building on the strengths of these regional bases and partnerships, the University will capitalise on development opportunities in the Chinese Mainland, taking a greater part in the development of the Nation.

POLYU'S NETWORK IN THE CHINESE MAINLAND

Mainland Translational Research Institutes	City	Research focuses
PolyU-Jinjiang Technology and Innovation Research Institute	Jinjiang	Textile & Apparel Technology; Microelectronics; Innovative Food Technology; Science & Innovation Services and Policy; Nursing Innovation & Research
PolyU-Wuxi Technology and Innovation Research Institute	Wuxi	Intelligent Manufacturing; Biomedicine and Food Technology; Science & Innovation Policy and Technology Transfer
PolyU-Hangzhou Technology and Innovation Research Institute	Hangzhou	Smart Rail Transit; Digital & Smart Culture-Tourism and Asset Management; Medical Aesthetics and Health
PolyU-Wenzhou Technology and Innovation Research Institute	Wenzhou	Ultra-Precision Manufacturing; Marine and Engineering Equipment; Flexible Electronics; Artificial Intelligence Applications
PolyU-Nanjing Technology and Innovation Research Institute	Nanjing	Intelligent Robotics and Mechatronics; AIoT (Artificial Intelligence of Things); Smart Construction; Vision Health
PolyU-Daya Bay Technology and Innovation Research Institute	Huizhou	Artificial Intelligence; New Materials and New Energy; Green and Intelligent Manufacturing; Green Chemistry and Sustainable Catalysis; Spatial Computing and Imaging
PolyU-Zhongshan Technology and Innovation Research Institute	Zhongshan	Tumor Diagnosis and Treatment; Novel Diagnostic Reagents; Animal Influenza Vaccines; Biomedical Engineering
PolyU-Wuhan Technology and Innovation Research Institute	Wuhan	Clinical Translation in Ophthalmology & Optometry; Optoelectronic Health Monitoring; Smart Elderly Rehabilitation; Intelligent Care Solutions
PolyU-Shaoxing Technology and Innovation Research Institute	Shaoxing	Smart Textiles; Carbon Fiber and Composite Materials; Modern Housing and Construction; Food Nutrition and Health
PolyU-Hefei Technology and Innovation Research Institute	Hefei	Biomedical Precision Sensors; Aerospace Information
PolyU-Xingguo Technology and Innovation Research Institute	Ganzhou	Apparel & Textile Technology; Future Intelligent Wearables
PolyU-Zibo Technology and Innovation Research Institute	Zibo	Micro- and Nanotechnology; Rehabilitation Health; Industrial Transformation and Industrial AI Services; Digitalization and Cultural Tourism

Mainland Translational Research Centre	City	Research focuses
PolyU-Qianhai Disruptive Technology and Innovation Research Centre	Qianhai, Shenzhen	AI Sensors and Smart Manufacturing; Intelligent Medicine and Healthcare; Innovative Design

Other research institutes	City	Research focuses
PolyU-Shenzhen Technology and Innovation Research Institute (Futian)	Futian, Shenzhen	Geospatial Artificial Intelligence; Intelligent Analytics for Spatial Data; Smart City
PolyU Shenzhen Research Institute	Nanshan, Shenzhen	Life Sciences; Photonics; Railway Monitoring Technology; Ultra-precision Machining Technology

as of June 2026

EMPOWERING THE BELT AND ROAD INITIATIVE

Leveraging our expertise and capacity-building network, we foster talent development, research and knowledge transfer among Belt and Road countries. PolyU is a founding member of the University Alliance of the Silk Road, which promotes international cooperation in higher education with more than 150 leading universities from 37 countries and regions. In addition, PolyU has established or joined several other Belt and Road academic alliances, including the Association of Sino-Russian Technical Universities, the Alliance of International Science Organizations for the Belt and Road Regions, the China-Pakistan Economic Corridor Consortium of Universities, the University Consortium of the 21st Century Maritime Silk Road, the ASEAN-China Network for Cooperation and Exchanges among Engineering and Technology Universities, and the Belt and Road Aerospace Innovation Alliance.

To address the growing demand for talent in the power and energy sector, PolyU also developed the Belt and Road Advanced Programme in Power and Energy – the first of its kind in the Chinese Mainland and Hong Kong. Furthermore, we have provided various funding opportunities to strengthen the academic exchange across the Belt and Road, such as the PolyU Belt and Road Network Initiative Scheme and the K.C. Wong Belt and Road Visiting Fellowship Scheme.

OUR WORLDWIDE REACH

As an international and world-class university with a multicultural learning, teaching and research environment, PolyU has built partnerships with more than 390 global partner institutions in over 40 countries and regions. We have over 600 academic collaboration agreements in place in the Chinese Mainland, Taiwan, Macao, and overseas, encompassing student exchange initiatives as well as research collaborations. The University will continue to broaden the scope of its collaboration with existing partners and establish new partnerships with highly ranked institutions worldwide, solidifying PolyU's position as a leading force in global academia.

GLOBAL CONNECTIONS

600+
Academic Collaboration Agreements

390+
Global Partner Institutions

40+
Countries and Regions

CHAMPIONING AN INTERNATIONAL LEARNING ENVIRONMENT

PolyU is committed to building an international and inclusive campus. We have forged partnerships with leading institutions worldwide to facilitate international academic exchanges, as well as promote cultural diversity and an appreciation of global issues, among our students. By 2027/28, we also aim to provide every undergraduate student with access to a non-local study opportunity.

DEVELOPING OUTSTANDING PHD GRADUATES WITH GLOBAL PARTNERS

Through our Dual PhD Degree Programmes, students can benefit from the research excellence of over 20 overseas and Chinese Mainland partner universities and obtain their PhD degrees from both PolyU and any of these prestigious institutions: Queensland University of Technology, Korea University, Seoul National University, Loughborough University (UK) and University of Surrey (UK).

UNIVERSITY SOCIAL RESPONSIBILITY NETWORK (USRN)

Established in 2015, the USRN is a global alliance promoting University Social Responsibility (USR) by exchanging ideas, resources, and practices to guide USR development in higher education. With 23 member institutions worldwide, including PolyU as a founding member and Executive Committee Chair, members are leading universities dedicated to making a positive societal impact.

USR NETWORK
University Social Responsibility Network

SUSTAINABLE CAMPUS

EXPANDING THE CAMPUS AND ACHIEVING CARBON NEUTRALITY

PolyU is dedicated to building a green learning environment. We have been undertaking campus development initiatives to advance our leadership in education and research as well as support a carbon-neutral Hong Kong. Leveraging our own innovations, these projects aim to facilitate the adoption of sustainable applications beyond the campus for the betterment of Hong Kong, the Nation, and the world.

WASTE AND CARBON REDUCTION

467,700+ nos.

Recycling Volume at Reverse Vending Machine (RVM)

34% year-on-year

1.32 tonnes CO_2e

Direct and Indirect Carbon Emissions per Capita (Scope 1 and 2 emissions only)

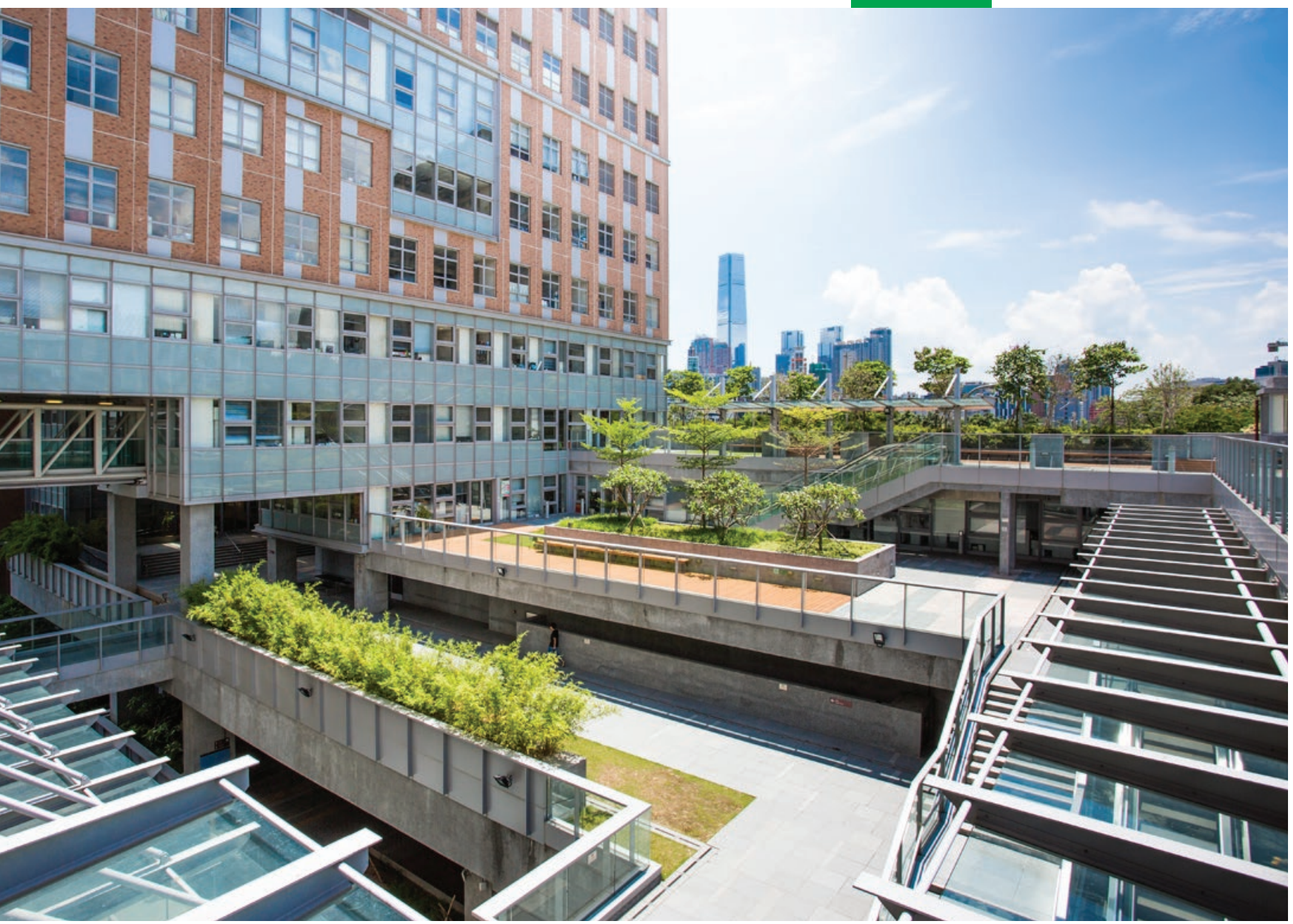
>40% compared to the peak level in 2014/15

370+ tonnes

Reduction of Municipal Solid Waste Disposal to Landfill

AN INTERDISCIPLINARY APPROACH TO DECARBONISING HONG KONG

In support of the Government of the Hong Kong Special Administrative Region's carbon neutrality plan, PolyU has established the Campus Carbon Neutrality Committee to oversee the University's progress against its 2045 carbon neutrality roadmap. The Carbon Neutrality Funding Scheme has also been created to support the application of related research on campus and aid various PolyU experts as they work on groundbreaking decarbonisation research initiatives for the University and the wider community.



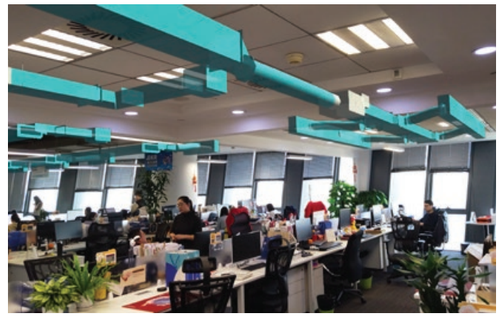
IN-CAMPUS COLLABORATIONS FOR A GREENER FUTURE

PolyU's laboratories are built to develop technologies for driving carbon neutrality, smart energy management, building sustainability, and community health. By incorporating these homegrown innovations into our present and future spaces, PolyU becomes a proof-of-concept platform, from which impactful, market-ready solutions can flourish to realise a more sustainable society.

ADVANCING REAL-WORLD APPLICATIONS WITH SUSTAINABILITY-RELATED RESEARCH PROJECTS

Nurturing original thinkers with a heart for the environment, PolyU is shaping the future of sustainability research with revolutionary inventions initiated and applied within and around the campus:

A building-integrated photovoltaics system for promoting clean, eco-friendly and renewable energy



Digital twin's artificial intelligence and virtual reality boost efficiency in building energy and maintenance

Eco-friendly construction materials made from recycled glass, or "eco-blocks", that can curb carbon emissions and turn waste into resources

Cutting-edge research on energy-efficient air conditioning has been applied at U GARDEN restaurant

FORGING AHEAD AS AN INNOVATIVE WORLD-CLASS UNIVERSITY

At PolyU, our goal is to be an innovative world-class university that pursues excellence in education, research, and knowledge transfer for the benefit of Hong Kong, the Nation, and the world.

PolyU is committed to driving innovation, which holds a three-dimensional meaning for us. Firstly, we aspire to produce graduates who will become leaders and drivers of innovation. Secondly, we are dedicated to ensuring that our research leads to innovations with direct societal benefits. Thirdly, we strive to embed innovation in all our endeavours.

With this spirit of innovation deeply ingrained in our DNA, PolyU is poised to make significant strides in the years to come. The University will continue to evolve and refine its education and research initiatives, proactively addressing the ever-changing needs of society and industry. By staying at the forefront of technological advancements and fostering a culture of innovation and creativity, PolyU is well-equipped to advance a brighter and more sustainable future.

Stay informed - scan to read our publications:

PolyU Strategic Plan 2025/26 - 2030/31

Annual Report 2024/25

Excel x Impact

Published June 2026

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香港理工大學

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