

# PolyU in Figures 2020/21

2020/21年度香港理工大學主要統計數字





#### Our Motto

To learn and to apply, for the benefit of mankind.

#### Our Vision

Be a leading university that advances and transfers knowledge, and provides the best holistic education for the benefit of Hong Kong, the Nation and the world.

#### Our Mission

- O To pursue impactful research that benefits the world.
- To nurture critical thinkers, effective communicators, innovative problem solvers and socially responsible global citizens.
- To foster a University community in which all members can excel in their aspirations with a strong sense of belonging and pride.

#### 校訓

開物成務 勵學利民

#### 願景

矢志成為一所在開拓及轉移知識、提供優質全人教育方面均領先的大學, 為香港、國家及世界作出貢獻。

#### 使命

- 致力富有影響、造福世界的研究。
- 培育敏於思辨、善於溝通、富於創 見、精於解難,且勇於承擔社會責 任的世界公民。
- 貸 營 造 議員生 志存 高遠、心有 歸屬、 樂於以大學 為榮的環境。







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#### Milestones 里程碑



Founding of the Government Trade School in Wanchai, the first government-funded, post-secondary technical school in Hong Kong.

香港官立高級工業學院正式成立,校舍位於灣仔, 是全港第一所政府資助的專上程度工業學院。



The School was renamed the Hong Kong Technical College after World War II.

第二次世界大戰後學院改名為香港工業專門學院(工事)。



The Hong Kong Technical College moved to its new premises in Hung Hom.

工專遷往紅磡的新校舍。



The Hong Kong Polytechnic (the Polytechnic) was formally established, with a mandate to provide professional education to meet the community's manpower needs.

香港理工學院(理工)正式成立, 其使命是開辦專業課程,以滿足 社會對專業人才的需求。



Set up of Hong Kong Community College (HKCC) to offer an expanded range of Associate Degree programmes.

成立香港專上學院,提供多個範疇的 副學士學位課程。



Establishment of the School of Professional Education and Executive Development (SPEED) to foster lifelong education.

成立專業進<mark>修學院,致力促進終</mark>身學習。



Legislation was enacted to change the name of the institution to The Hong Kong Polytechnic University (PolyU). Self-accreditation status was granted by the Government.

有關理工正名大學之修訂法案正式生效,理工正 名為香港理工大學(理大),並獲政府頒授自我 評審資格。



Hotel ICON, a teaching and research hotel wholly–owned by PolyU, was officially opened.

理大全資擁有的教研酒店唯港**薈** 正式開幕。



Block Z started operation, providing space for general teaching and research, offices and communal use.

Z座開始啟用,為一般教學及科研活動、辦公室和公用設施提供空間。



Official opening of Jockey Club Innovation Tower.

賽馬會創新樓正式開幕。



Redevelopment of Block X completed to provide landscape recreational space.

X座重建項目竣工<sup>,</sup>提供充滿園林 景緻的休憩空間。









QS World University Rankings QS世界大學排名

6<sup>th</sup>

Top 50 Under 50 (2021) 全球五十強年輕大學 (2021) 25<sup>th</sup>

Asia (2022) 亞洲 (2022) 66<sup>th</sup>

The World (2022) 世界 (2022) RANKINGS

··················· THE World University Rankings 泰晤士高等教育世界大學排名

**12**<sup>th</sup>

Young University (2021) 全球年輕大學 (2021) 23<sup>rd</sup>

Asia (2021) 亞洲 (2021)

By Subject 學科排名 (2022)

**91**st

The World (2022) 世界 (2022)

By Subject 學科排名 (2021)

HOTEL 9th
Hospitality and
Leisure Management
酒店與休閒管理學





Business and Economics 商業與經濟學



**51**<sup>st</sup>

Engineering 工程學



Computer Science 電腦科學





ShanghaiRanking's Global Ranking of Academic Subjects 2021

2021年軟科世界一流學科排名















### Faculties, Schools and Departments 學院及學系

## Faculty of Applied Science & Textiles 應用科學及紡織學院



- Department of Applied Biology and Chemical Technology 應用生物及化學科技學系
- Department of Applied Mathematics 應用數學系
- Department of Applied Physics 應用物理學系
- Institute of Textiles and Clothing 紡織及服裝學系

#### Faculty of Business

工商管理學院



Faculty of Business 工商管理學院

- School of Accounting and Finance 會計及金融<mark>學院</mark>
- Department of Logistics and Maritime Studies 物流及航運學系
- Department of Management and Marketing 管理及市場學系

## Faculty of Construction & Environment 建設及環境學院

FACULTY OF CONSTRUCTION AND ENVIRONMENT 建設及環境學院

- O Department of Building Environment and Energy Engineering 建築環境及能源工程學系
- Department of Building and Real Estate 建<mark>築及房地產學系</mark>
- Department of Civil and Environmental Engineering 土木及環境工程學系
- Department of Land Surveying and Geo-Informatics 土地測量及地理資訊學系

#### Faculty of Humanities 人文學院

Faculty of Humanities 人文學院

- Department of Chinese and Bilingual Studies 中文及雙語學系
- Department of Chinese Culture 中國文化學系
- O Department of English and Communication 英文及傳意學系
- Chinese Language Centre 中國語文教學中心
- Confucius Institute of Hong Kong 香港孔子學院
- English Language Centre 英語教學中心

### Faculty of Engineering 工程學院

FACULTY OF ENGINEERING
T程學院

WHERE CONCEPTS BECOME REALITY

- Department of Aeronautical and Aviation Engineering 航空及民航工程<mark>學系</mark>
- Department of Biomedical Engineering 生物醫學工程學系
- Department of Computing 電子計算學系
- Department of Electrical Engineering 電機工程學系
- Department of Electronic and Information Engineering 電子及資訊工程學系
- Department of Industrial and Systems Engineering 工業及系統工程學系
- O Department of Mechanical Engineering 機械工程學系





### Faculties, Schools and Departments 學院及學系

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



- Department of Applied Social Sciences 應用社會科學系
- O Department of Health Technology and Informatics 醫療科技及資訊學系
- Department of Rehabilitation Sciences 康復治療科學系
- School of Nursing 護理學院
- School of Optometry 眼科視光學院

School of Design 設計學院



School of Hotel & Tourism Management 酒店及旅遊業管理學院



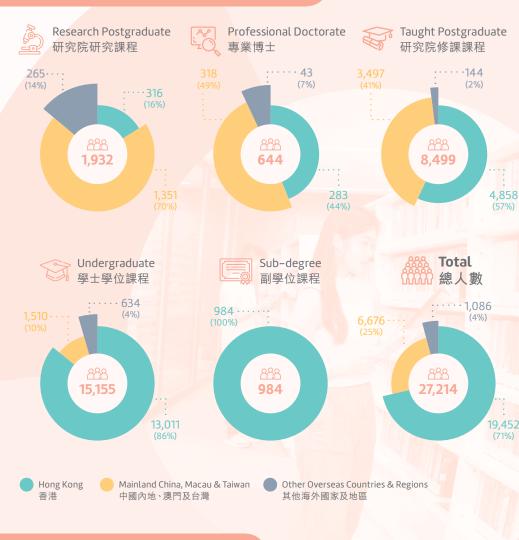
### Education 教育



Nurturing future-ready global citizens 培養敢於應對未來的世界公民

Shaping socially responsible leaders of tomorrow 塑造懷抱社會責任的未來領袖

## Total Student Enrolment 總學生人數 27,214



Full-time 全日制 21,840

Part-time 兼讀制 **5.374** 





North America



\* Including virtual incoming exchange students 包括虛擬來港交換生

Mainland China, Macau & Taiwan

中國內地、澳門及台灣







**22.7%** 



Exchange and Internships 交換生計劃及海外實習



Visiting, Study/Field Trips and International Events 海外大學交流、海外學習/考察及國際性項目\*



**Experiential Learning Experience** 



Others

\* Including conference, competition and forum 包括研討會、比賽及論壇









PolyU has been dedicated to cultivating responsible global citizens. Since the 2012/13 academic year, PolyU has incorporated Service-Learning (SL) into its new undergraduate curriculum as a mandatory subject.

Within nine years, SL has developed rapidly in PolyU, yielding remarkable and encouraging achievements. By the end of the 2020/21 academic year, over 28,900 students have attended SL courses, serving over 1,156,000 hours.

No. of Undergraduate Student Enrolment 修讀的本科生人數



理大一直致力培育學生成為負責任 的世界公民,自二零一二/一三學年 起,理大將服務學習納入新本科課 程,成為必修科目。

短短九年間,理大服務學習發展迅 速,成績顯著,成果令人鼓舞。截至 二零二零/二一學年,已累積超過二 萬八千九百名四年制本科生修讀服 務學習課程,服務時數超過一百一 十五萬六千小時。

> No. of Subject Offerings 開辦的科目數目



No. of Service Hours 服務時數

180,320



Service Location and No. of Students



Hong Kong 香港

3,687

Mainland China and Taiwan (online) 中國內地及台灣 (網上)













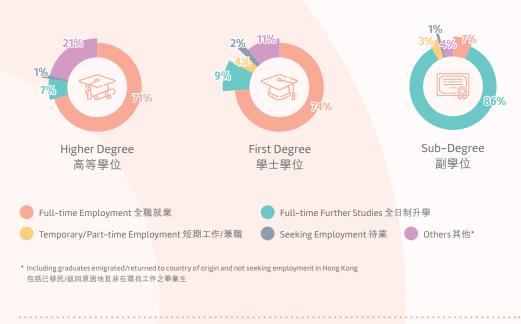




#### Graduates 畢業生

#### Graduate Employment 畢業生就業

As of % of full-time graduates who responded to the Graduate Employment Survey in 2020 以佔回覆2020年度就業概況調查之全日制課程畢業生人數比率計





First Degree Graduates' Average Monthly Salary

學士學位畢業生毎月平均薪酬

\$20,832

#### Alumni 校友



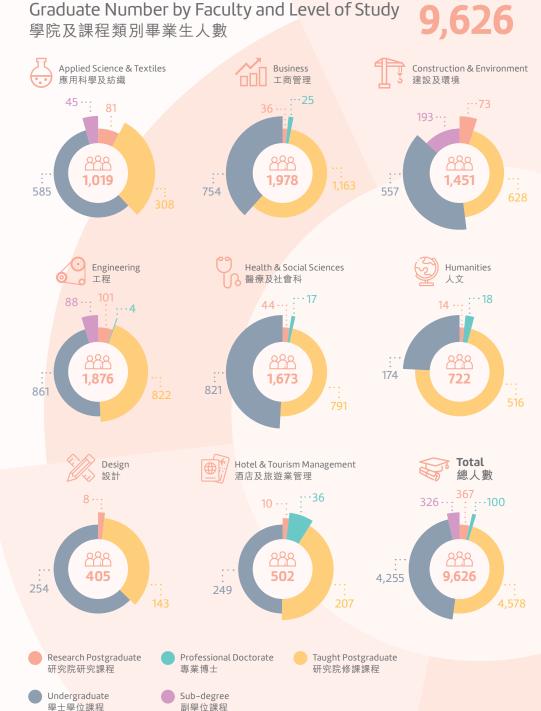
Cumulated Number of Alumni 累積校友人數

384,260



Number of Alumni Associations, including Overseas Associations

校友會數目,包括 海外校友會 48





### Staff 職員

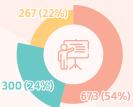




### Full-time Staff

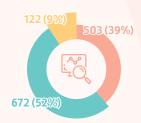
全職制職員

5,033



Academic and Teaching/ Clinical Staff 學術及教學/臨床職員

1,240



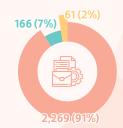
Research Staff 研究職員

1,297





Other Overseas Countries & Regions 其他海外國家及地區



Administrative/ Supporting Staff 行政及支援職員

2,496



1,213

### Research and Knowledge Transfer 科研及知識轉移



Transforming research excellence into impactful applications 轉化卓越科研為具影響力的應用方案

Nurturing entrepreneurs to do well and do good 培育「創富創善」企業家

#### Innovation and Technology Development

PolyU is on a shared mission: to create solutions for the world's pressing issues through collaborative innovation. By establishing close global connections with governments, non-profits, universities and industries, we build on each other's complementary strengths to develop meaningful solutions for pressing global problems. Research and Innovation Office is devoted to propelling the University's technology development and advances to benefit society by providing all-rounded support to facilitate research endeavours.

#### 創新與科技發展

為世界迫切的問題尋求解決良方, 是理大同仁的共同使命。通過夥 拍各地政府、非牟利團體、大學及 業界,我們在互補優勢的基礎上 合作,為全球急切的問題提出有效 的解決方案。研究及創新事務處 致力推動大學的科技發展和進步, 為研究團隊提供全方位的支持。

#### Research Excellence and Impact 卓越科研及影響



Space Technology 太空科技



Marine Infrastructure 海洋基建



Drug Discovery 藥物研發



Optical Fibre Sensing Technology 光纖傳感技術

#### Technology Transfer and Commercialisation

PolyU's research and expertise drive our technology and consultancy services, offering innovative insights and solutions to businesses, industries and governments. We actively patent our technologies and encourage licensing to drive commercialisation. Knowledge Transfer and Entrepreneurship Office serves as an important platform to forge closer links between academics and businesses for their mutual benefits.

#### 科技轉移與商品化

理大以科研實力和專門知識推動大學的科技及顧問服務,為工商 界與政府提供創新構思和解難方案。我們積極為理大研發的裡 申請專利,並鼓勵以技術授權 市式合作,推動商品化。理大知設 移及創業處肩負著知識轉移及工 等時, 對學術界及工 是供一個重要的交流平台,促 進雙方合作關係,務求達致 互利的雙贏局面。



Smart Fire 智慧消防系統



Ultraprecision Machining 超精密加工技術



Environment Pollution Control 環境污染監控

Research Funding 科研撥款

HKD Million 百萬港元

\$1,647.5

Research Grants Council General Research Funds 研究資助局優配研究金

\$96.1

Other Funds 其他撥款

**\$211.5** 

University Grants Committee Block Grants 大學教育資助委員會整筆撥款

\$909.6



Other External Competitive Research Grants 其他對外角逐撥款







# **2** State Key Laboratories 國家重點實驗室

State Key Laboratory of Chemical Biology and Drug Discovery (The Hong Kong Polytechnic University)

化學生物學及藥物研發國家重點實驗室(香港理工大學)

State Key Laboratory of Ultra-precision Machining Technology (The Hong Kong Polytechnic University)

超精密加工技術國家重點實驗室(香港理工大學)



Hong Kong Branch of National Engineering Research Centre for Steel Construction 國家鋼結構工程技術研究中心香港分中心

Hong Kong Branch of National Rail Transit Electrification and Automation Engineering Technology Research Centre 國家軌道交通電氣化與自動化工程技術研究中心香港分中心

# **3** Chinese Academy of Sciences – PolyU Joint Laboratories 中國科學院與香港理工大學聯合實驗室

Joint Laboratory for Aerosol and Environment 氣溶膠與環境聯合實驗室

CAS AMSS-PolyU Joint Laboratory of Applied Mathematics 中科院數學與系統科學研究院一香港理工大學應用數學聯合實驗室

CAS GIG-PolyU Joint Laboratory of the Guangdong-Hong Kong-Macao Greater Bay Area for the Environment 中科院廣州地球化學研究所一香港理工大學粵港澳大灣區環境污染過程與控制聯合實驗室

# **3** Research Centres under InnoHK Clusters 創新香港研發平台旗下的研究中心

Laboratory for Artificial Intelligence in Design (AiDLab) 人工智能設計研究所
Centre for Advances in Reliability and Safety (CAiRS) 產品可靠性暨系統安全研發中心
Centre for Eye and Vision Research (CEVR) 眼視覺研究中心

# 15 Research Institutes and Centres under PolyU Academy for Interdisciplinary Research (PAIR) 香港理工大學高等研究院旗下的研究院及研究中心

Mental Health Research Centre 精神健康研究中心

Otto Poon Charitable Foundation Research Institute for Smart Energy 潘樂陶慈善基金智慧能源研究院

Otto Poon Charitable Foundation Smart Cities Research Institute 潘樂陶慈善基金智慧城市研究院

Photonics Research Institute 光子技術研究院

Research Centre for Chinese Medicine Innovation 中醫藥創新研究中心

Research Centre for Deep Space Explorations 深空探測研究中心

Research Centre for Resources Engineering towards Carbon Neutrality 碳中和資源工程研究中心

Research Centre for SHARP Vision 視覺科學研究中心

Research Institute for Advanced Manufacturing 先進製造研究院

Research Institute for Artificial Intelligence of Things 人工智能物聯網研究院

Research Institute for Future Food 未來食品研究院

Research Institute for Intelligent Wearable Systems 智能可穿戴系統研究院

Research Institute for Land and Space 土地及空間研究院

Research Institute for Smart Ageing 智齡研究院

Research Institute for Sustainable Urban Development 可持續城市發展研究院



University Research Facilities 大學研究設施

# **7** University Research Facilities 中心實驗室

Centralised Animal Facilities 動物資源中心

University Research Facility in 3D Printing 三維打印技術中心實驗室

University Research Facility in Behavioral and Systems Neuroscience 神經科學中心實驗室

University Research Facility in Big Data Analytics 大數據分析中心實驗室

University Research Facility in Chemical and Environmental Analysis 化學和環境分析中心實驗室

University Research Facility in Life Sciences 生命科學中心實驗室

University Research Facility in Materials Characterization and Device Fabrication 材料與器件中心實驗室

**27** Research Centres 研究中心

Fellowship Scheme 研究計劃

Total Awardees 獲獎總數

35

**17** Hong Kong PhD Fellowship Scheme 香港博士研究生獎學金計劃

RGC Postdoctoral Fellowship Scheme 研資局博士後獎學金計劃

RGC Senior Research Fellow Scheme 研資局高級研究學者計劃

RGC Research Fellow Scheme 研資局研究學者計劃

Humanities and Social Sciences Prestigious Fellowship Scheme 人文學及社會科學傑出學者計劃 Highly Citied Researchers 2021 2021年度全球最廣獲徵引研究人員



Professor GUO Song 郭嵩教授 Department of Computing 電子計算學系 Computer Science 計算機科學

Engineering & Environment and Ecology 工程學與環境及生態學



Professor Daniel TSANG 曾超華教授 Department of Civil and Environmental Engineering 土木及環境工程學系



Professor CHAU Kwok-wing 周國榮教授

Department of Civil and Environmental Engineering 土木及環境工程學系



Professor ZHANG Lei 張磊教授 Department of Computing 電子計算學系





#### Highly Citied Researchers 2021 2021年度全球最廣獲徵引研究人員





**Professor LEE Shun-cheng** 李順誠教授 Department of Civil and Environmental Engineering 土木及環境工程學系





Building & Construction 建築與建造

Professor POON Chi-sun 潘智生教授

Department of Civil and Environmental Engineering 土木及環境工程學系



**Professor LI Gang** 李剛教授 Department of Electronic and Information Engineering 電子及資訊工程學系



Operations Research Ir Professor Edwin CHENG 鄭大昭教授、工程師

物流及航運學系



Civil Engineering 土木工程

Sport, Leisure & Tourism 運動、康樂與旅遊 **Professor Rob LAW** 羅振雄教授

School of Hotel and

Tourism Management 酒店及旅遊業管理學院

#### Professor Jin-Guang TENG 滕錦光教授

Department of Civil and Environmental Engineering 土木及環境工程學系



**Professor YAN Feng** 嚴鋒教授 Department of Applied Physics 應用物理學系



**Dr ZHANG Xiao** 張曉博士 Department of Mechanical Engineering 機械工程學系



Operations Research **Professor Felix CHAN** 陳東燊教授 Department of Industrial and

Systems Engineering 工業及系統工程學系







#### World's Top 2% Most-cited Scientists 2021 2021年度全球首2%頂尖科學家





Chemical Engineering 化學工程

**Professor CHEN Guohua** 陳國華教授

Department of Mechanical Engineering 機械工程學系



**Environmental Engineering** 

**Professor CHAU Kwok-wing** 周國榮教授

Department of Civil and Environmental Engineering 土木及環境工程學系



Operations Research 運籌

Professor QI Liqun 祁力群教授

Department of Applied Mathematics 應用數學系



Strategic, Defence & Security Studies 策略、防衛與保安研究

Professor CHOW Wan-ki 周允基教授

Department of Building Environment and Energy Engineering 建築環境及能源工程學系



Information Systems 資訊系統

**Professor Eric NGAL** 倪偉定教授

Department of Management and Marketing 管理及市場學系



Building & Construction 建築與建造

**Professor WANG Shengwei** 王盛衛教授

Department of Building Environment and Energy Engineering 建築環境及能源工程學系



Logistics & Transportation

物流運輸

林興強教授

Department of Civil and Environmental Engineering 土木及環境工程學系



Accounting

**Professor James OHLSON** James Ohlson 教授

School of Accounting and Finance 會計及金融學院



Inorganic & Nuclear Chemistry 無機與核化學

Professor WONG Wai-yeung 黃維揚教授

Department of Applied Biology and Chemical Technology 應用生物及化學科技學系



**Building & Construction** 建築與建造

**Professor LI Heng** 李恒教授

Department of Building and Real Estate 建築及房地產學系



Civil Engineering 土木工程

Professor XU You-lin 徐幼麟教授

Department of Civil and Environmental Engineering 土木及環境工程學系



Civil Engineering 土木工程

**Professor Ben YOUNG** 楊立偉教授

Department of Civil and Environmental Engineering 土木及環境工程學系



Sport, Leisure & Tourism 運動、康樂與旅遊

**Professor Cathy HSU** 徐惠群教授

School of Hotel and Tourism Management 酒店及旅遊業管理學院



Professor William LAM





Building and Real Estate

Building & Construction

**Professor Albert CHAN** 

建築與建造

陳炳泉教授

Department of





#### Entrepreneurship Funding & Training 創業基金及教育

380

Accumulative Start-ups Supported 累計初創企業支援

Accumulative Entrepreneurs Nurtured 累計已培育之企業家人數

118,250

Accumulative Training Hours Offered 累計提供之培訓時數

290

Accumulative Number of Awards 累計獎項

HKD Million 800 章

Accumulative Follow-on Funding / Investment 累計延續基金 / 投資

**60%** 



**Actively Operating Company** 活躍營運之企業\*

\* Counting those still operating 3 years after funding support

#### Patents and Trademarks 專利及商標



Patent and Trademark Applications

Patent and Trademark Granted 獲批專利和商標



Expanding our campus to meet evolving educational needs 擴建大學校園 配合教育需求



#### PolyU Campuses

PolyU's Main Campus is located in Hung Hom, Kowloon, Hong Kong with a site area of around 9.46 hectares. The Hung Hom Bay Campus and West Kowloon Campus host the College of Professional and Continuing Education (CPCE). Besides, PolyU offers a total of 6,334 student hostel places at Hung Hom Halls of Residence, Homantin Halls of Residence and Kowloon Tong Halls of Residence.

#### 理大校園

理大主要校園位於香港九龍紅磡, 主校園佔地約九萬四千六百平方米。 持續及專業教育學院側座落於紅磡 灣校園和西九龍校園。理大於紅磡 學生宿舍、何文田學生宿舍及九龍 塘學生宿舍,合共提供六千三百三十 四個學生宿舍宿位。

#### Establishments in Mainland China

PolyU has established 3 regional bases (Hangzhou, Xi'an and Chengdu), 2 liaison offices (Beijing and Shanghai) and a research institute in Shenzhen.

#### 中國內地基地

理大在杭州、西安和成都建立了三 個區域基地,在北京和上海成立了 兩個聯絡處,並在深圳建立了一個 研究所。



PolyU Main Campus

Hung Hom Bay Campus 紅磡灣校園

West Kowloon Campus 西九龍校園

主要校園

**3,004** 

Hung Hom 紅磡

1,650

1,680

Kowloon Tong 九龍塘

To be completed by early 2028 將於 2028 年初竣工





### Library Collections 圖書館館藏

Total Library Holdings 全館收藏資料總數



5,924,972



1,235,796

e-Journals (titles) 電子期刊 (種類)

150,827

Audio-visual Materials 視聽資料

555,686

e-Books 電子書籍

3,784,522

e-Databases 電子數據庫

471

Microforms 縮微複制資料

187,147

Computer Files 電腦檔案

10,523

### Sports Facilities 運動設施



Shaw Sports Complex
Fong Shu Chuen Hall
Kwong On Jubilee Sports Centre
Block X Sports Centre
Michael Clinton Swimming Pool
Block X Swimming Pool
Joint Sports Centre

邵逸夫體育館 方樹泉堂 廣安金禧體育中心 X座體育中心 祈廉桐游泳池 X座游泳池 聯校運動中心

# College of Professional and Continuing Education 專業及持續教育學院

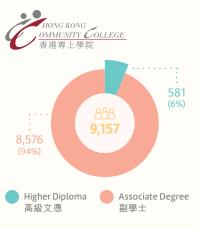


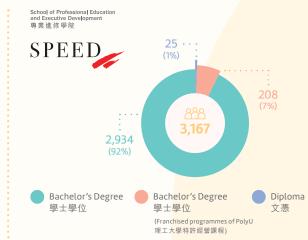
PolyU has established the College of Professional and Continuing Education (CPCE) to oversee the operation of two self-financed education units, namely Hong Kong Community College (HKCC), School of Professional Education and Executive Development (SPEED).

理大設立了專業及持續教育學院, 轄下教學單位包括香港專上學院及 專業進修學院。

### Total Student Enrolment 總學生人數

12,324









The above figures do not include students enrolled on programmes leading to awards of overseas universities, credit bearing courses offered under Credit Accumulation Mechanism (CAM) and other non-credit bearing courses offered via SPEED. 上述數字不包括就讀於專業進修學院與海外合辦之課程、學分累積制及非學分累積制課程的學生。

Full-time Staff 全職制職員





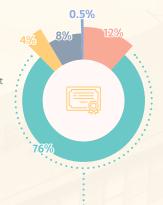
Administrative/Supporting Staff



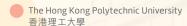
Higher Diploma 高級文憑



- Full-time Employment 全職就業
- Full-time Further Studies 全日制升學
- Temporary/ Part-time Employment 短期工作/兼職
- Seeking Employment 待業
- Others 其他\*
- \* Including those pursuing further studies for programmes other than undergraduate level 包括升讀學士學位以外課程



Pathways for Full-time Further Studies 全日制升學出路

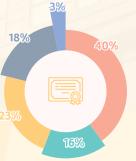


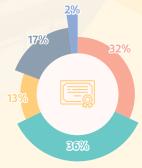
- Other UGC-funded Institutions 其他教資會資助院校
- Continuing Education Arms/ Community Colleges of **UGC-funded Institutions** 教資會資助院校之附屬學院
- Other Local Institutions 其他本地院校
- Non-Local Institutions 海外院校



Associate Degree











#### Contact Information 聯絡資料

The Hong Kong Polytechnic University 香港理工大學 Hung Hom 紅磡 • Kowloon 九龍 • Hong Kong 香港

- **(**852) 2766 5111
- www.polyu.edu.hk

### Campus Map 校園地圖

