

Doctor of Philosophy in Applied Mathematics

Invite Applications for 2026/2027 Admission



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

The Hong Kong Polytechnic University (PolyU) is a world-leading university, recognized for its cutting-edge research across various disciplines and its commitment to pioneering advancements. At PolyU, we nurture bright young minds to become leaders of tomorrow. Our researchers uncover knowledge and transform research excellence into impactful innovation through multi-disciplinary collaborations.

With more than eight decades of proud tradition, PolyU ranks among the world's top 100 institutions:

3rd

**Times Higher Education
World's Most International
Universities 2025**

7th

**Times Higher Education
Young University Rankings
2024**

17th

**QS Asia University
Rankings 2025**

18th

**Times Higher Education
Asia University
Rankings 2025**

54th

**QS World University
Rankings 2026**

84th

**Times Higher Education
World University
Rankings 2025**

PolyU focuses on interdisciplinary research and develops innovative technologies to address real-life issues with lasting impacts. The university provides top-tier research and holistic education, aiming to nurture diligent, passionate, and creative students who will make significant contributions to Hong Kong, the nation, and the world.



The Department of Applied Mathematics (AMA) at PolyU is now inviting applications for its PhD in Applied Mathematics programme for the 2026/27 academic year. We welcome you to join our outstanding research team and embark on a promising future and career path in research development.

About AMA

Top-tier Research

We focus on application-oriented research. Our scholars have published numerous papers in the world's top academic journals, exploring mathematical theories and developing research-related tools to solve complex problems in finance, medicine, environmental science, and biological sciences. Moreover, AMA encourages our researchers to conduct high-impact research with significant applications in engineering, economics, and scientific fields. Our research has achieved remarkable recognition for the research in Mathematics and Statistics:

The logo for Research.com, featuring the text "Research.com" in white on a dark blue rectangular background.

3rd in Nation

Best Mathematics Universities 2025 by Research.com



36th Global / 1st in Hong Kong

Best Global Universities for Mathematics by The US News and World Report 2026



31st Global

QS World University Ranking 2025 - Statistics and Operational Research



66th Global

QS World University Ranking 2025 - Mathematics



89% of AMA's research

Achieved 'World-leading' or 'internationally excellent' quality by international standards by UGC Research Assessment Exercise 2020

World-leading Scholars and Research Team

AMA is proud to have an outstanding and experienced team of world-renowned researchers and scholars, including:

- World's Top 2% Scientists by Stanford University
- Member of Academia Europaea, The Third World Academy of Sciences, and The Hong Kong Academy of Sciences
- Fellows, Society for Industrial and Applied Mathematics (SIAM), China Society for Industrial and Applied Mathematics (CSIAM), and the American Statistical Association (ASA)
- Clarivate Highly Cited Researchers
- Senior Research Fellows and Research Fellows, The University Grants Committee (UGC) in Hong Kong

Learn more about our researchers



Superb Research Collaboration and Platform

To foster interdisciplinary research collaboration, AMA partners with other departments at PolyU and internationally renowned research institutes to establish joint research centers. These centers provide state-of-the-art facilities and host regular research activities to facilitate the exchange of ideas. PhD students can leverage these facilities to develop their research work and engage with cutting-edge research topics. Moving forward, AMA will continue to strengthen its collaboration network industry partners in the Guangdong-Hong Kong-Macao Greater Bay Area, and international research collaborators.

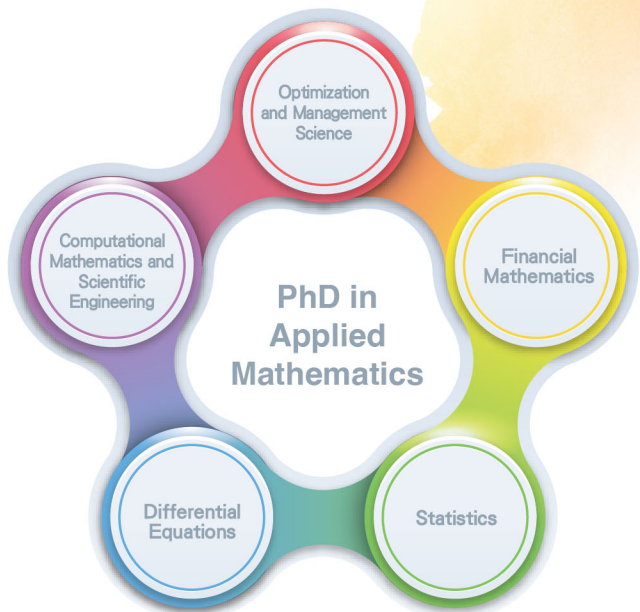
AMA's Joint Research Facilities



Programme Highlights

Five Main Research Groups

AMA PhD applicants can refer to the following five research groups as potential research areas:



Fellowship & Scholarship Schemes

In addition to the Hong Kong PhD Fellowship Scheme (HKPFS) from UGC, PolyU provides various fellowship and scholarship schemes for outstanding candidates:

Fellowship / Scholarship Scheme	RGC Hong Kong PhD Fellowship Scheme (HKPFS)	PolyU Presidential PhD Fellowship Scheme (PPFS)	International PhD Fellowship Scheme (IPFS)	PolyU Research Postgraduate Scholarship (PRPgS)
Monthly Stipend	HK\$28,100	HK\$27,790	HK\$18,840	
Conference Grant	HK\$14,000 per year	HK\$25,000		
Cash Award	HK\$40,000 in the first year; HK\$20,000 per year from the second year to the end of the normal study period* <small>*Under the IPFS, cash award may be allocated only to outstanding applicants</small>			N/A
Tuition Fee Waiver	Yes			N/A
Admissions Criteria	Academic performance, research capability/ potential, communication skill, leadership ability			



Entrance Requirements:

English Requirement

For applicants who have not obtained a degree of which the language of instruction was English from a recognized university, the requirements are as follows:

- An overall score of at least 6.5 in the International English Language Testing System (IELTS) Academic Module; OR
- A Test of English as a Foreign Language (TOEFL) score of 80 or above for the Internet-based test.

All English language test scores are considered valid for two years after the date of the test.

Other Requirements and Application Procedure

Please scan the QR code on the right for more details.

Application Deadline

- For Hong Kong PhD Fellowship: 1 December 2025
- For September 2026 entry : 31 May 2026

Enquiry

Email: ama.rpg@polyu.edu.hk

Tel: (852) 3400 3747

Website: www.polyu.edu.hk/ama/study/research-postgraduate-programme/

