NURTURING FUTURE-READY LEADERS IN ACCOUNTING AND FINANCE

MSc in

Accounting and Finance Analytics

2026-2027

(Mixed-mode)

THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學

PolyU 理大商學院
Business School
Innovation-driven Education and Scholarship

School of
ACCOUNTING & FINANCE
會計及金融學院

AACSB ACCREDITED

EQUIS ACCREDITED

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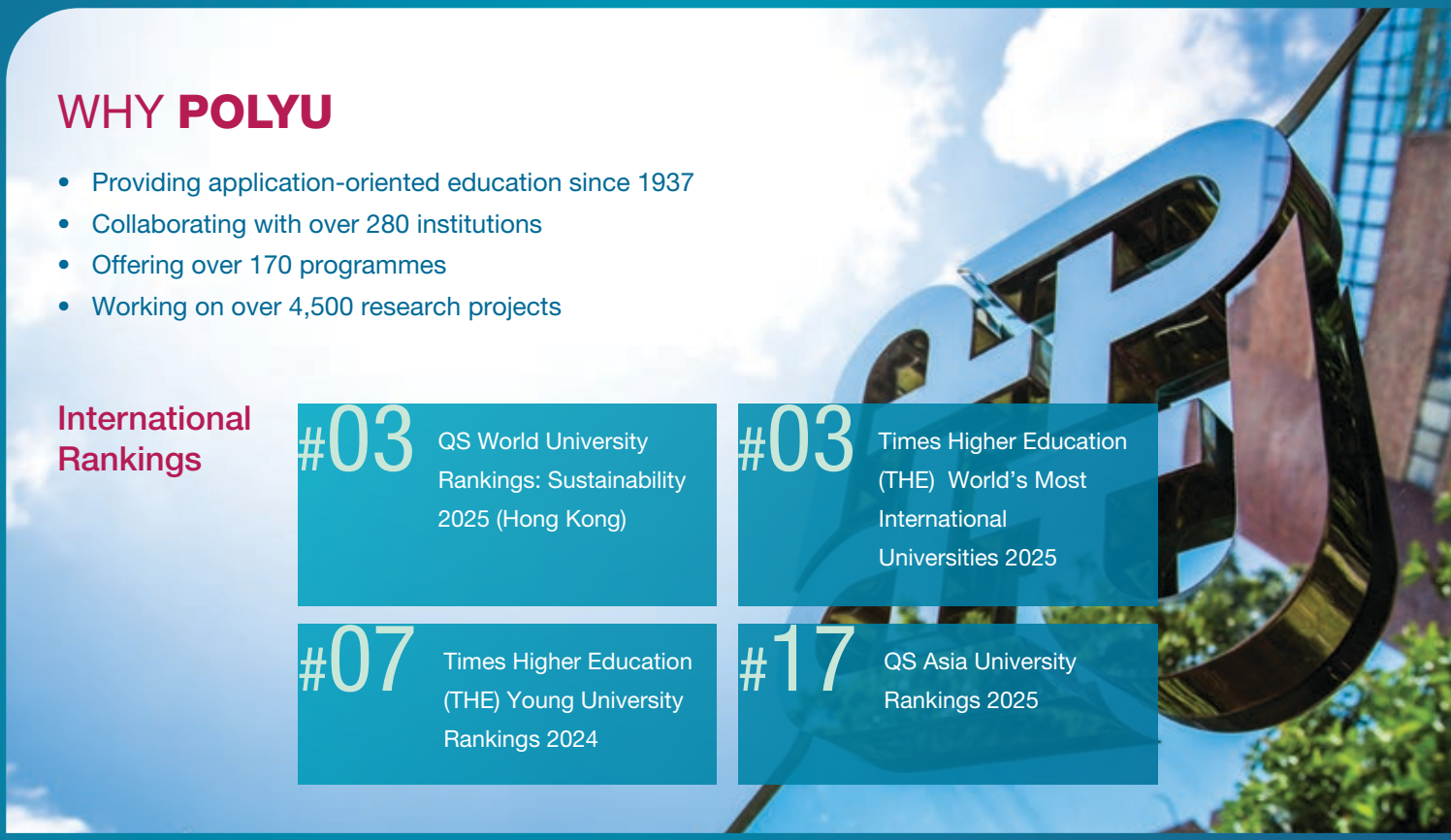


WHY **POLYU**

- Providing application-oriented education since 1937
- Collaborating with over 280 institutions
- Offering over 170 programmes
- Working on over 4,500 research projects

International Rankings

#03 QS World University Rankings: Sustainability 2025 (Hong Kong)

#03 Times Higher Education (THE) World's Most International Universities 2025

#07 Times Higher Education (THE) Young University Rankings 2024

#17 QS Asia University Rankings 2025

WHY POLYU **BUSINESS SCHOOL**

- A comprehensive portfolio of academic programmes
- Over 200 world-class scholars including specialists in accounting, finance, logistics, management, marketing, and transport
- Research and specialist centres facilitate single and multidisciplinary studies
- International context and culturally diverse environment
- Network of over 55,000 alumni

Accreditations

AACSB ACCREDITED

EQUIS ACCREDITED

International Rankings

#02 Clarivate Web of Science 2022-2024: Shipping Research

#04 Research.com Best Business & Management Universities 2025

#25 The U.S. News Rankings Best Global Universities for Economics & Business 2025

#35 UTD (University of Texas at Dallas) Top 100 Worldwide Business School Rankings based on Research Contributions 2020-2024

#37 Times Higher Education (THE) World University Rankings 2025: Business & Economics

#46 QS World University Rankings 2025: Business & Management Studies

DEAN'S MESSAGE

Welcome to the Faculty of Business of PolyU.

The Faculty of Business, known as PolyU Business School (PBS), is a world-class business school that offers top-quality academic programmes and spearheads cutting-edge research in business and related disciplines. We take pride in our accreditations from AACSB International (The Association to Advance Collegiate Schools of Business) and EQUIS (EFMD Quality Improvement System).

Dedicated to the pursuit of ***Innovation-driven Education and Scholarship (IDEAS)***, PBS collaborates with stakeholders to create a positive societal impact sustainably, with a focus on Hong Kong and the Greater Bay Area. Through our educational programmes, partnerships, and close connections with industry and the professional community, we aim to share knowledge and technology with the wider community.

Our comprehensive portfolio of undergraduate and postgraduate programmes, many of which are endorsed by professional bodies, encompass key areas such as accounting, aviation, business artificial intelligence, ESG, finance, logistics, management, maritime, marketing, shipping, and transport. Alongside the BBA, MBA, DBA, DBAI, DBM, DFinTech, DMgt, and specialised master's degrees, our research programmes also lead to the MPhil and PhD qualifications.

To maintain currency of our academic programmes and specialist consultancy services, our faculty members conduct pioneering and impactful research within and across their disciplines, supported by our Case Consortium and centres for branding and marketing, digital transformation, economic sustainability and entrepreneurial finance, financial technology, leadership and innovation, maritime data and sustainable development, and shipping and logistics. Our research has been ranked 35th globally in *The UTD Top 100 Worldwide Business School Rankings based on Research Contributions 2020-2024*.

We invite you to become part of our community of over 200 esteemed scholars from around the world, 5,300 students, and 55,000 alumni

Ir Prof. T.C. Edwin Cheng
IASCYS Academician, FHKEng, ScD, PhD
Dean, Faculty of Business
Fung Yiu King – Wing Hang Bank Professor in Business Administration
Chair Professor of Management

HEAD'S MESSAGE

Welcome to the postgraduate programmes offered by the School of Accounting and Finance of the Faculty of Business at The Hong Kong Polytechnic University.

We are the first university in Hong Kong with an accounting department producing well established business managers and developing a large base of alumni. According to the University of Texas at Dallas (UTD) Top 100 Worldwide Business School Rankings based on research contributions to 24 leading business journals between 2020 and 2024, our Faculty has been ranked 35th in the world.

Our mission is to bring cross-discipline research into the classroom. We combine the best of both worlds of academia and real business. Our curriculum shows you how theories apply in today's business world. Today, technology brings disruption to the business; we offer technology-emphasized courses and workshops to deal with this trend. You will walk away from class well prepared to apply cutting-edge and up-to-date theories and practices in accounting and finance to your business decision-making.

Our Accounting and Finance postgraduate programmes foster professional, intellectual and personal development of business executives in the fields of accounting and finance. We work in close partnership with relevant professional institutes to develop these programmes so as to reflect the state-of-the-art accounting and financial practices. You will develop new perspectives and understanding, and be well prepared for the business challenges of today and tomorrow. Join us and you will be better equipped for continued success and future challenges where it counts most – in the real world.

Prof. Nancy Su
Head and Professor
School of Accounting and Finance

Mission statement:

NURTURING FUTURE-READY LEADERS IN ACCOUNTING AND FINANCE

DIRECTOR'S MESSAGE

Welcome to the Master of Science Programme in Accounting and Finance Analytics (MSc AFA), a programme specifically designed to cultivate future-ready leaders in the fields of accounting and finance.

Our mission is to prepare leaders to lead the digital transformation in accounting and finance. We achieve this by integrating traditional financial knowledge with advanced data analytics skills (e.g., artificial intelligence(AI)). As a result, our graduates become navigators in the digital economy.

Since its inception in 2019, the programme has focused on sharpening students' competencies in data analytics and financial technologies, including big data, natural language processing, and AI. It also provides a robust foundation in accounting and finance. This interdisciplinary curriculum not only equips graduates with technical proficiency, but also the adaptability to keep pace with the rapid advancements (e.g., generative AI) in the digital landscape.

Thanks to such rigorous training, our graduates can pursue successful careers in various industries, including big tech companies, investment and commercial banking, investment funds, consulting firms, and government organizations. They utilize their digital skills to reform legacy business processes and identify new opportunities amidst digital disruption.

Our unique programme leverages the strengths of the talented faculty at PolyU Business School. The school has been ranked No. 1 in management information systems, No. 2 in risk management, and No. 4 in accounting in Asia by EduRank. Such outstanding faculty form the backbone of our interdisciplinary curriculum that integrates accounting, finance, and digital skills.

Equip yourself with essential skills that help you thrive in an evolving digital world. Let this programme make a significant impact on your future career in accounting and finance. Your future starts here.

Prof. Feng Tian
Programme Director of MSc in Accounting and Finance Analytics
Associate Professor, School of Accounting and Finance

MSc in **ACCOUNTING AND FINANCE ANALYTICS** (Mixed-mode)

Programme Code:
21052-FAM (Full-time)
21052-PAM (Part-time)

Programme Director:
Prof. Tian Feng

Deputy Programme Director:
Dr Justin Law

Aim

The programme aims to provide students with a combination of core knowledge in accounting and finance and skills in applying data analytics and technology to the related practices. It facilitates practitioners in accounting and finance to keep up with the latest data analytics applications and skills.

Features

- Knowledge and skills in data analytics
- Core knowledge in accounting and finance
- Applications of data analytics in accounting and finance
- Systematic training and development of data analytics skills and capability in solving business problems in accounting and finance
- Capitalizing on opportunities offered by big data in solving accounting, finance and business problems

"This programme helped me to learn the latest data analytic skills. The python programming and machine learning skills I gained were definitely helpful for my work. The programme is a good choice for people who want to improve their quantitative analytic skills in accounting and finance fields."

ZHANG Pengfei

Structure

To obtain the MSc degree, students are required to complete 10 Compulsory Subjects and 1 Elective Subject (31 credits).

Students may graduate with a Postgraduate Diploma upon completing 8 Compulsory Subjects (22 credits).

Compulsory Subjects for MSc and PgD

- Academic Integrity and Ethics in Business (1 credit)
- Accounting for Business Analysis
- Contemporary Issues in Accounting Information Systems
- Investments
- Principles of Corporate Finance
- Quantitative Methods for Accounting and Finance
- Applications of Computing and Technology in Accounting and Finance I
- Business Analytics in Accounting and Finance

Compulsory Subjects for MSc

- Financial Analysis and Valuation with Programming
- Applications of Computing and Technology in Accounting and Finance II

Elective Subjects [+]

- Accounting and Financial Analytics Project
- Auditing Framework
- Corporate Risk Management
- Derivative Securities
- Fixed Income Securities
- Management Accounting
- Security Analysis and Portfolio Management
- Business Intelligence and Decisions
- Data Structures and Database Systems
- Artificial Intelligence Concepts

[+] Not all subjects will be offered each year and it is subject to staffing resources and student enrolment.

Note: Programme structure and content are subject to continuous review and change.

Mode of study: Mixed-mode

Students can pursue their studies in either a full-time study load (taking 9 credits or more in a semester) or a part-time study load (taking less than 9 credits in a semester).

Duration

Students should complete the programme full-time in 1 year and part-time in 2 years within the normal duration. **Students will be required to attend more classes in the evening if they choose the full-time option and the duration of study will be subject to class quota availability.**

"This programme provided me with a valuable platform to take advantage of the world's technological transformation and opportunities in the growing field of big data. I was able to greatly enhance my professional knowledge and skills with the help of supportive professors and by doing their designed practical and quality projects. I would recommend this programme to anyone who wishes to develop combined knowledge in accounting, finance, data analytics and Python programming and be well prepared for the job market."

LIU Tianmeiduo Dora

"With the expertise of world-class faculty and leading practitioners, this programme provided me with systematic training, knowledge and insights to progress my career."

CHEN Chunyu Ryan

Entrance Requirements

- A Bachelor's degree

Preference will be given to applicants with a business degree, who are equipped with some fundamental training in computing or graduates with a background in computing, science or engineering.

Interested applicants with little or no working experience are encouraged to apply.

If you are not a native speaker of English, and your Bachelor's degree or equivalent qualification is awarded by institutions where the medium of instruction is not English, you are expected to fulfil the University's minimum English language requirement for admission purpose. Please refer to the "Admission Requirements" section of Study@PolyU for details.

Suitable candidates may be invited to attend admission interviews.

Fee (Subject to approval)

The tuition fee is HK$372,000* per programme (31 credits).

** No tuition fee required for Academic Integrity and Ethics in Business*

Scholarships

Scholarships will be awarded to applicants with outstanding qualifications.

PolyU reserves the right to change or withdraw the scholarship at any time. In case of any dispute/disagreement, PolyU's decision is final.

Enquiries

For further information

(852) 3400 3229

afafa@polyu.edu.hk

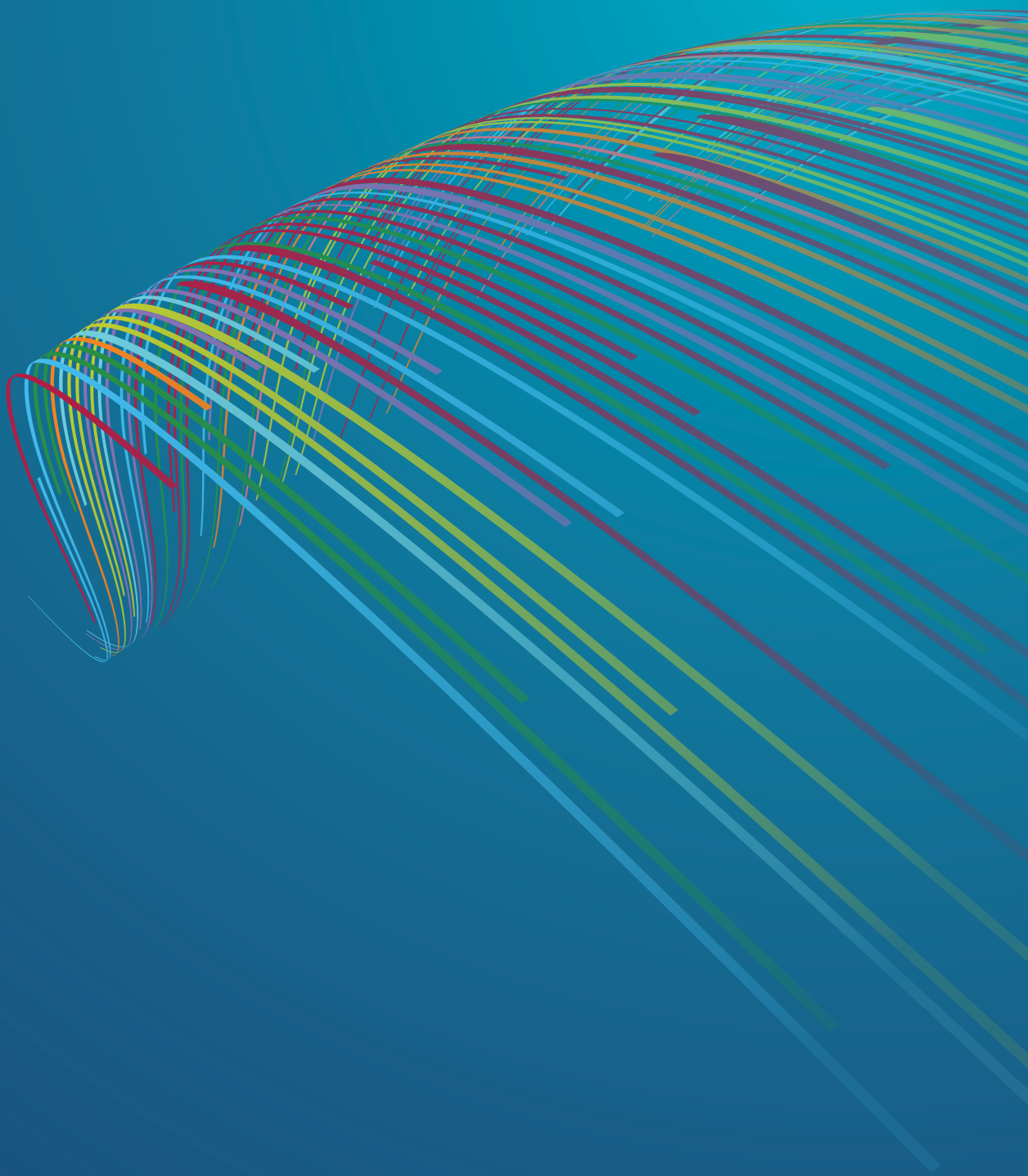
For academic matters

Dr Justin Law (852) 2766 4443

justin.law@polyu.edu.hk

www.polyu.edu.hk/af/study/MAFA

Online application: www.polyu.edu.hk/study



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