



Entrance Requirements

Preferred Subjects

There is no compulsory subject requirement.

The following subjects may be given a higher consideration weighting:

- English Language
- Mathematics
- Mathematics - Extended Part (M1 / M2)
- Biology / Chemistry / Physics
- Combined Science: Biology + Chemistry
- Combined Science: Biology + Physics
- Combined Science: Physics + Chemistry
- Information and Communication Technology
- Business, Accounting and Financial Studies (Accounting / Business Management)
- Economics

Entry with HKDSE Qualification (for JUPAS Applicants)

Students must satisfy the minimum requirements on the four core and two elective subjects in the HKDSE qualification. Admission Score will be calculated based on the best 5 subjects.

Entry with International Qualifications

Students are required to meet the University's general admission requirements and English language requirements.

GCE A-Level / International A-Level

Students who gain admission typically attain at least 3B in three A-Level subjects.

International Baccalaureate (IB)

Students who gain admission typically attain an IB Diploma with 32 points or higher.

Advanced Placement (AP)

High school completion with an overall average of 80% or above, grade 3 or above in two Advanced Placement (AP) subjects, and either i) a total score of 1190 or above in SAT or ii) a Composite Score of 24 or above in ACT. (Precalculus, Calculus AB and Calculus BC are only counted as one Advanced Placement (AP) subject.)

Details on other qualifications



Learn more



Department of Applied Mathematics



Department of Computing



Department of Data Science and Artificial Intelligence



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學



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

Bachelor's Degree Scheme in Computer and Mathematical Sciences

September
2025 Entry



Discover Your Undergraduate
Pathway
with **PolyU**



Welcome to PolyU, where innovation and technology ignite digital transformation and artificial intelligence through distinguished education, research, and knowledge transfer.

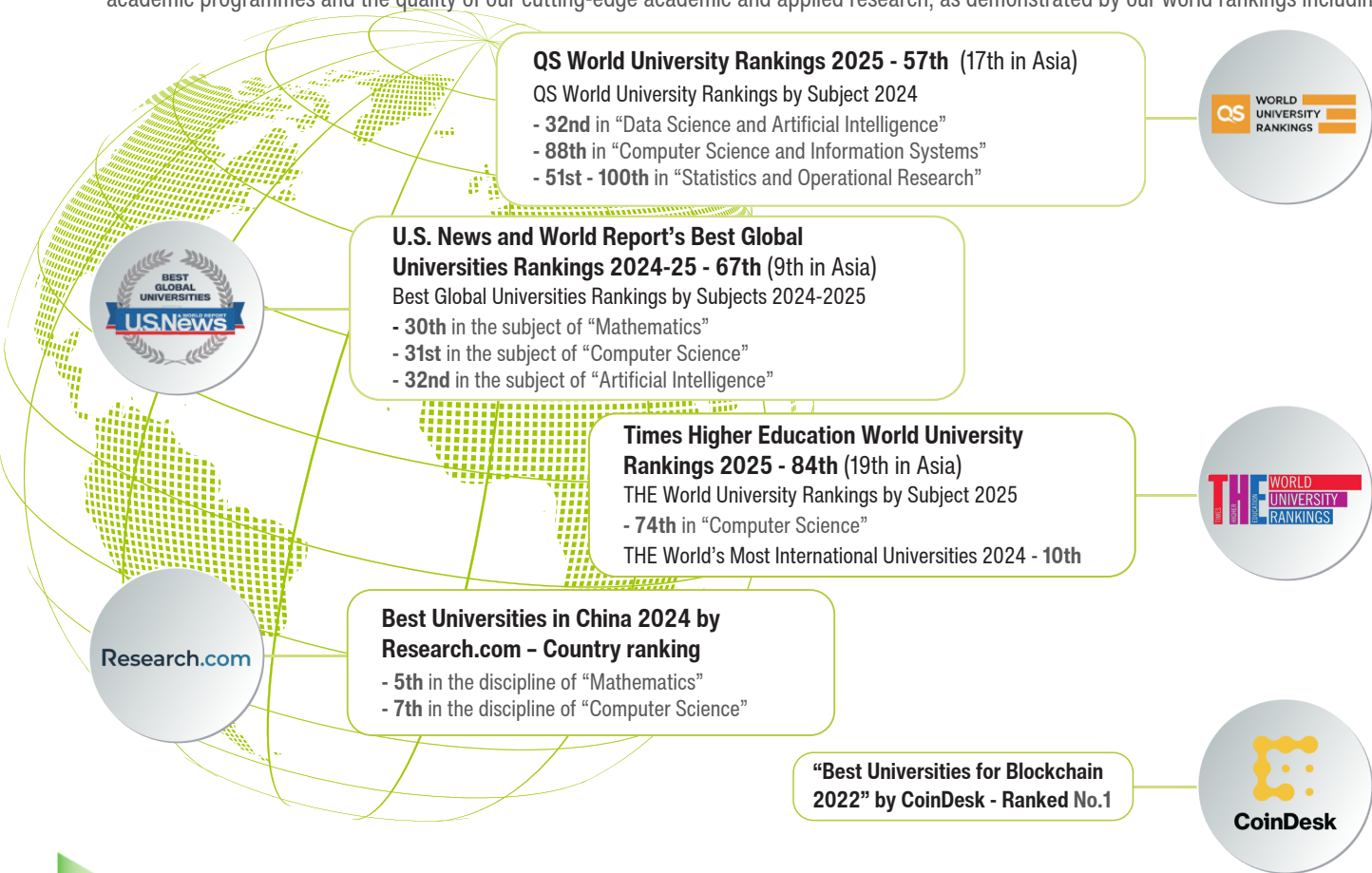
JUPAS Programme Code: JS3006

Mode of Study	Full-time
Normal Duration	4 years
Credit Required for Graduation	120-124 (plus training credits) (to be confirmed)
Programme Leader	Prof. Raymond Sze BSc (HKU), MPhil (HKU) and PhD (HKU)

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

Global Rankings and World-leading Research

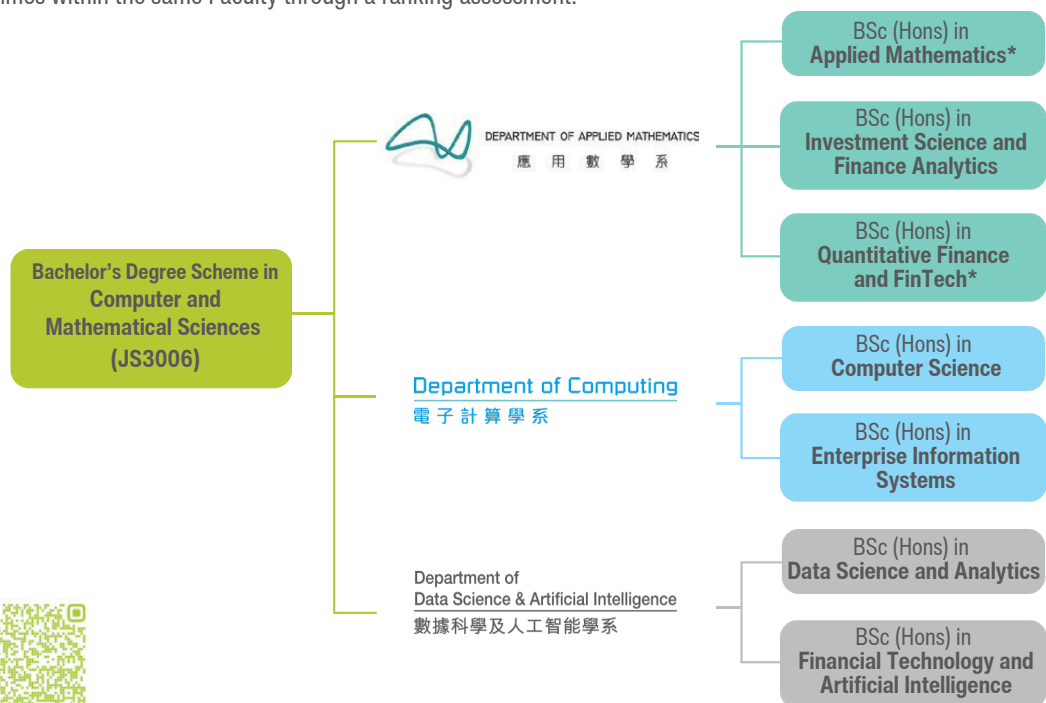
The Hong Kong Polytechnic University (PolyU) is renowned for conducting world-class research with a strong emphasis on high application value. Today, our academic and research efforts have received significant national and international recognition, highlighting the popularity of our academic programmes and the quality of our cutting-edge academic and applied research, as demonstrated by our world rankings including:



Curriculum

The Bachelor's Degree Scheme in Computer and Mathematical Sciences provides students with the flexibility to choose their major from a list of seven different science disciplines.

All admitted students will embark on a Common Year One curriculum. Towards the end of Year One, students can choose their preferred programmes within the same Faculty through a ranking assessment.



For details, please refer to
<https://www.polyu.edu.hk/study/ug/jupas/2025/js3006>

* Subject to approval



Expertise in Computer and Mathematical Sciences

The Faculty of Computer and Mathematical Sciences (FCMS) comprises three dynamic and vibrant departments: the Department of Applied Mathematics (AMA), the Department of Computing (COMP), and the Department of Data Science and Artificial Intelligence (DSAI).

Our programmes are designed to nurture the next generations with professional skills and a global vision, empowering them to make a positive impact on society and humanity.

Our Programmes

Bachelor's Degree Scheme in Computer and Mathematical Sciences (JS3006)

With leading expertise in computer science, applied mathematics, data science, and artificial intelligence, the Faculty of Computer and Mathematical Sciences and its departments offer a broad range of high-quality academic programmes. These programs aim to transfer knowledge to the next generations and make a positive impact on society and humanity. Students admitted to the Bachelor's Degree Scheme have the flexibility to choose their desired major from seven diverse disciplines offered by our three departments.

Bachelor of Science (Honours) Scheme in Applied Mathematics and Finance Analytics (JS3220)

Applied Mathematics merges mathematical theory with practical applications to solve real-world problems. Students learn to analyse data, model complex systems, and make informed decisions in areas like finance and insurance. They gain skills in financial analysis, risk management, and actuarial science, preparing them for careers that demand strong analytical and quantitative abilities across various industries.

Bachelor of Science (Honours) Scheme in Computing and AI (JS3868)

Computer Science integrates technology and innovation dynamically to tackle complex challenges. Students will build a solid foundation in programming, computational thinking, data structures, and algorithms, essential for developing professional computer systems and software. Through cultivating strong problem-solving skills, they can implement computing solutions across various industries, enhancing efficiency and driving technological advancement.

Bachelor of Science (Honours) Scheme in Data Science and Artificial Intelligence (JS3223)

Data Science and Artificial Intelligence focuses on extracting insights from data and creating intelligent systems. Students acquire strong analytical skills and cutting-edge AI knowledge, integrating mathematics, statistics, and computer science. By mastering large-scale data analysis and AI implementation, they are poised to become future leaders as AI consultants, financial data analysts, and innovators in FinTech.