

## Entrance Requirements

### JUPAS Applicants

#### Entrance Requirements and Subject Weightings

Satisfy the University's General Entrance Requirements (Please refer to Study@PolyU).

#### Preferred Subjects with the Highest Weighting

There is no compulsory subject requirement. Preferred subjects with the highest weighting for admission score calculation include:

- English Language
- Mathematics
- Mathematics (Extended part - Calculus and Statistics)
- Mathematics (Extended part - Algebra and Calculus)
- Biology
- Chemistry
- Physics
- Business, Accounting and Financial Studies
- Business, Accounting and Financial Studies (Accounting)
- Business, Accounting and Financial Studies (Business Management)
- Combined Science: Biology + Chemistry
- Combined Science: Biology + Physics
- Combined Science: Physics + Chemistry
- Economics
- Information and Communication Technology

#### Admission Score Calculation Mechanism for the Current Admission Exercise

Any Best 5 Subjects

### Learn more



Department of Applied Mathematics



Department of Computing



Department of Data Science and Artificial Intelligence

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

# 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 drive our academic environment, fostering national pride, social responsibility, and a global perspective.

#### 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	Dr Raymond Sze BSc (HKU), MPhil (HKU) and PhD (HKU)



## World-leading Research and Global Ranking in Computer and Mathematical Sciences

The Hong Kong Polytechnic University (PolyU) is renowned for conducting world-class research with a strong emphasis on high application value. The Faculty of Computer and Mathematical Sciences\* at PolyU 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). These departments have earned worldwide recognition for their outstanding research in Applied Mathematics, Computer Science, and Data Science and Artificial Intelligence:



### Best Global Universities Rankings 2024-2025 by the U.S. News and World Report

- 30<sup>th</sup> in the subject of "Mathematics"
- 31<sup>st</sup> in the subject of "Computer Science"
- 32<sup>nd</sup> in the subject of "Artificial Intelligence"

### Quacquarelli Symonds (QS) World University Rankings 2024

- 32<sup>nd</sup> in the subject of "Data Science and Artificial Intelligence"
- 88<sup>th</sup> in the subject of "Computer Science and Information Systems"
- 51<sup>st</sup> - 100<sup>th</sup> in the subject of "Statistics and Operational Research"



Research.com

### Best Universities in China 2024 by Research.com – Country ranking

- 5<sup>th</sup> in the discipline of "Mathematics"
- 7<sup>th</sup> in the discipline of "Computer Science"

### Times Higher Education World University Rankings 2024

- 87<sup>th</sup> in the subject of "Computer Science"



### Academic Ranking of World Universities (ARWU) 2023

- 34<sup>th</sup> in the subject of "Computer Science and Engineering"

PolyU ranked No.1 in "Best Universities for Blockchain 2022" list by CoinDesk



\* The Faculty will be established by January 2025



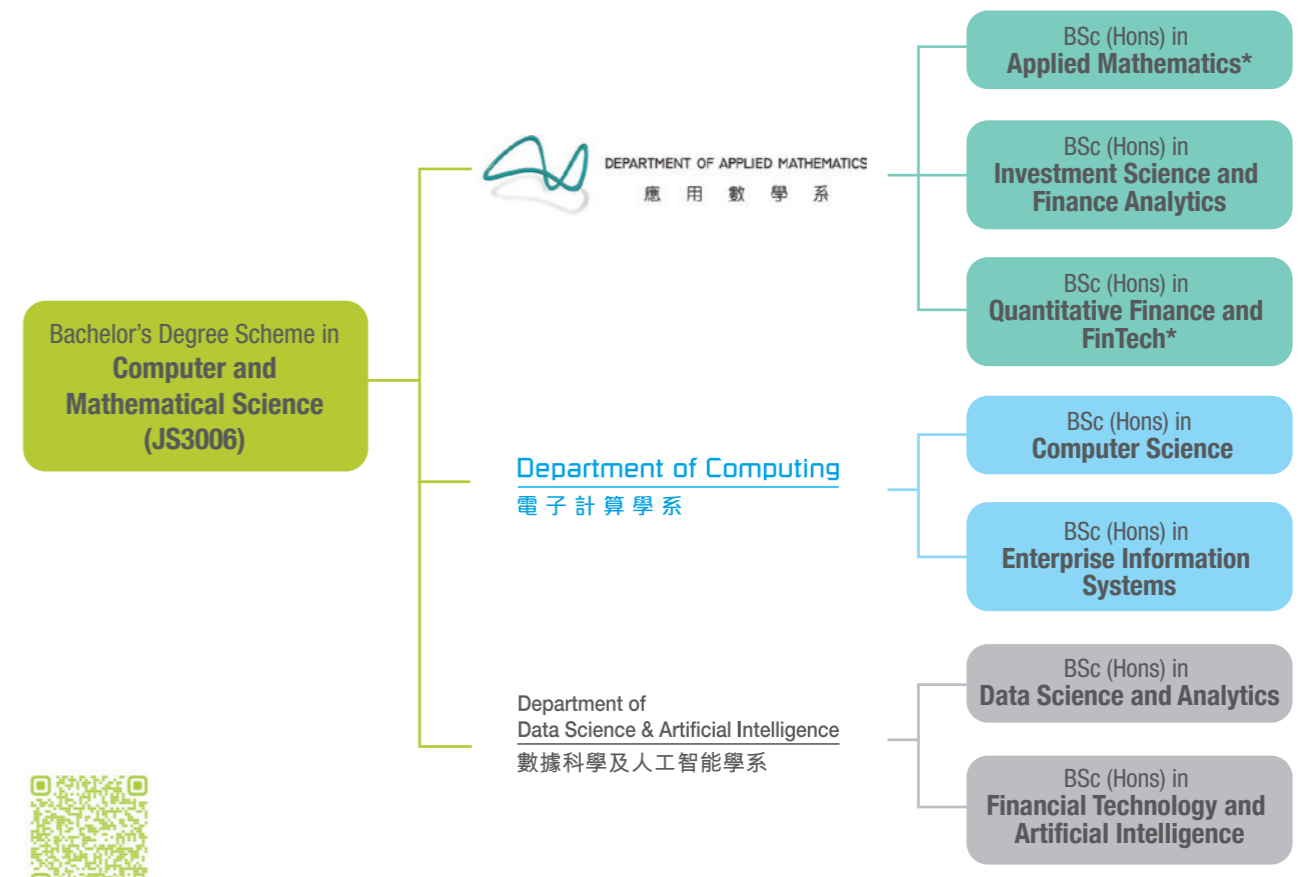
## Bachelor's Degree Scheme in Computer and Mathematical Science (JS3006)

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 positive impact on society and humanity.

### Curriculum

The Bachelor's Degree Scheme in Computer and Mathematical Science 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