

QS World University
Ranking 2027

11th

QS World University
Subject Ranking 2026

27th

Computer Science and
Information Systems

QS World University
Ranking 2026

18th

Data Science and
Artificial Intelligence



The University of Hong Kong

HKU, as a pre-eminent international university, seeks to sustain and enhance its excellence as an institution of higher learning through outstanding teaching and world-class research so as to produce well-rounded graduates with lifelong abilities to provide leadership within the societies they serve.

ADMISSION REQUIREMENTS

To be eligible for admission to our programme, you must:



Hold a Bachelor's degree
or equivalent



Obtain a TOEFL/IELTS score
if you are not from an
English-medium university

Minimum language score requirement:

80

TOEFL
Internet-based
(Taken before 21 Jan 2026)

OR

4.5

TOEFL
Paper-based
(Taken from 21 Jan 2026 onwards)

OR

IELTS 6

With no subtest
below 5.5

MORE INFORMATION

Programme
Website



Online
Application



Enquiries

Master Programmes Office
School of Computing and Data Science
The University of Hong Kong

✉ msccs@hku.hk

🌐 msc-cs.hku.hk



SCHOOL OF
COMPUTING &
DATA SCIENCE
The University of Hong Kong

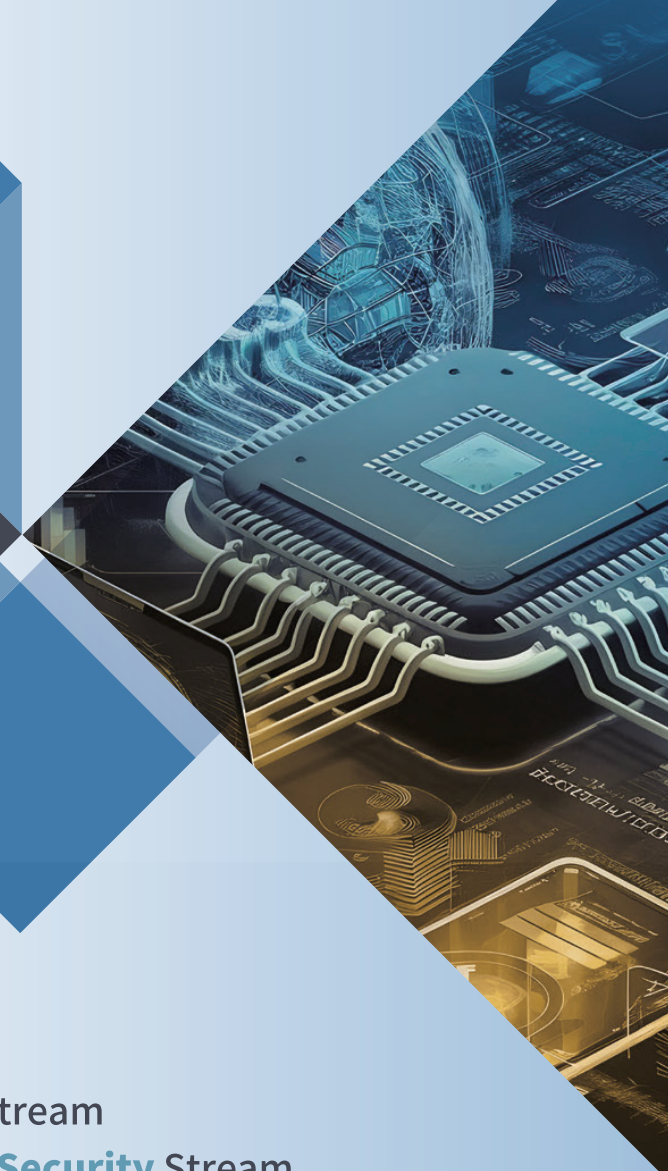
Master of Science in Computer Science MSc(CompSc)

General Stream

Cyber Security Stream

Financial Computing Stream

Multimedia Computing Stream



Master of Science in Computer Science

PROGRAMME OVERVIEW

The Master of Science in Computer Science programme equips students with advanced and in-depth knowledge in computer science, assisting them to achieve breakthroughs in work and research.

The curriculum is renowned for its exceptional diversity and flexibility, now offering five distinct streams of study: Cyber Security, Financial Computing, Multimedia Computing, the General Stream, and the latest addition - the AI & Decentralized Technologies Stream. Together, they cover a wide spectrum of advanced topics, from data engineering and cloud computing to deep learning, Web3, and blockchain.

PROGRAMME DETAILS

Degree Type:	Taught Master
Programme Duration:	Full-time (1-2 years) Part-time (2-3 years)
Curriculum Requirement:	10 Courses + Project or 10 Courses + Practicum
Medium of Instruction:	English

SCHOLARSHIPS

- Attractive entrance scholarships for exceptional incoming candidates.
- Merit-based awards to recognize academic excellence during the study period.

STREAM OF STUDY



General Stream

Covers a broad and comprehensive range of Computer Science subjects, offering students the flexibility to choose from a wide variety of courses.



Cyber Security Stream

A multidisciplinary area of study focused on state-of-the-art technology in cyber security. The curriculum addresses technical, organizational, human-oriented, and legal perspectives of cyber security.



Financial Computing Stream

Focuses on data, algorithms, and practical numerical methods for financial models, with an emphasis on business and financial analysis.



Multimedia Computing Stream

Covers multimedia computing, analytics, and visualization, equipping students to create innovative multimedia technologies.

SELECTION OF COURSES

Credit Requirement

- Complete 72 credits to graduate.

Stream-Specific Requirements

- For Cyber Security, Financial Computing, or Multimedia Computing streams:
- Pass at least 4 stream-specific courses (minimum 24 credits).
 - Complete a project or computing technology practicum related to the chosen stream.

General Stream

- Choose courses from any subject group.
- Complete a project in any computer science area or a computing technology practicum.

Electives

- Students can select at most 2 Postgraduate level courses (maximum 12 credits) offered by the Departments in the Faculty of Engineering and the School of Computing and Data Science as elective courses.

SAMPLE STUDY PLAN

Programme Duration	Year of study	Sep - Dec	Jan – May	Jun - Aug
Complete in 1 year	Year 1	5 Courses	4 Courses	1 Course
			Project / Practicum	
Complete in 2 years	Year 1	2 Courses	2 Courses	2 Courses
	Year 2	2 Courses	2 Courses	
				Project / Practicum

DeltaX

Delta X Tech Immersion Fellowship

Unique experience in the HKU-CDS Shanghai Teaching and Research Site in Zhangjiang Hi-Tech Park. Our "one school, two teaching sites" model bridges academia and industry, allowing you to immerse in Shanghai's tech ecosystem, gain hands-on experience, and collaborate with innovators.

Eligibility

- Awarded to **Selected students** from the four streams with outstanding admission profiles upon receiving an offer.

Benefit

- Enjoy a fellowship allowance of RMB\$25,000, along with a travel subsidy of RMB\$3,000 and complimentary student accommodation.*

Highlights

- Level up with cutting-edge courses in **Web3 and AI**.
- Gain hands-on **internship** experience with top tech organizations.
- Expand your network through **company visits, tech talks, and career fairs**.
- Solve real-world challenges with an industry-driven **capstone project**.

Study Arrangement

- Semester 1 in **Hong Kong**
- Semester 2 in **Shanghai**



*Package for the 2026-2027 Delta X fellows [For reference only]