Department of Computer Science
CityU
香港城市大學
City University of Hong Kong

BACHELOR OF SCIENCE IN
COMPUTER SCIENCE

理學士（電腦科學）

JUPAS Catalogue No.: **JS1204**

MAXIMIZE
YOUR POTENTIAL AS AN
IT PROFESSIONAL

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City University of Hong Kong

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理學士（電腦科學）
BACHELOR OF SCIENCE
in COMPUTER SCIENCE
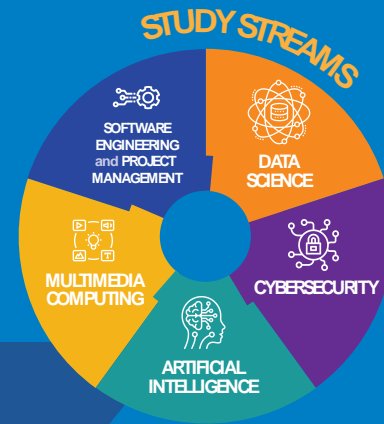
AIMS OF
THE PROGRAMME

The programme aims to provide the best possible undergraduate education with a well-balanced emphasis on computer science theories, practical hands-on development skills, as well as software engineering know-how that are necessary for successful careers as professional software developers, system analysts, system architects and technology officers. Our study streams allow students to further specialize in different areas of expertise. In addition, the programme has a mandatory internship component that allows students to gain real world experience, which will provide a significant edge when students look for employment after graduation.

PROGRAMME
STRUCTURE

The curriculum includes highly focused core courses and a wide range of electives. Besides, study streams are provided to allow students to study in depth in a selected area, which will enhance their competitiveness in developing their careers.

STUDY STREAMS

- SOFTWARE ENGINEERING and PROJECT MANAGEMENT
- DATA SCIENCE
- CYBERSECURITY
- ARTIFICIAL INTELLIGENCE
- MULTIMEDIA COMPUTING

CORE SUBJECTS

- COMPUTER PROGRAMMING
- DATABASE SYSTEMS
- OPERATING SYSTEMS
- SOFTWARE DESIGN
- IT PROFESSIONAL INTERNSHIP
- FINAL YEAR PROJECT

PROFESSIONAL
RECOGNITION

The programme is the first computer science programme in Hong Kong accredited by the Hong Kong Institution of Engineers (HKIE).

Computer Science Laboratory

CAREER PROSPECTS
AND FURTHER STUDIES

99% full-time employment

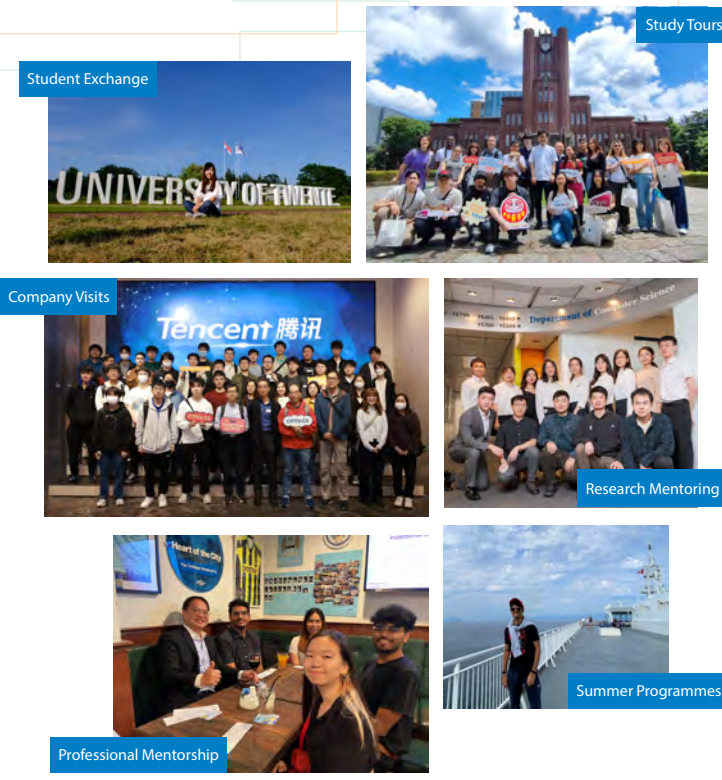* Results of the Graduate Employment Survey 2023 conducted by CityUHK

Students who pursued further studies received offers from:
- Brown University
- Columbia University
- Carnegie Mellon University
- ETH Zurich, Switzerland
- Massachusetts Institute of Technology
- University of California, San Diego
- University of Illinois Urbana-Champaign

INTERNATIONAL EXPOSURE &
CO-CURRICULAR LEARNING

Students are encouraged to participate in a wide range of overseas learning and co-curricular activities to broaden their international outlook and multicultural perspectives in an increasingly globalized world.

Study Tours

Student Exchange

Company Visits

Research Mentoring

Summer Programmes

Professional Mentorship

SPECIAL
FEATURE

9-MONTH
Full-time employment in the computing industry

Obtain practical work experience upon graduation

Paid internships

Internship companies include:
- CLP Power
- Deloitte
- HK Electric
- Hong Kong Jockey Club
- Hospital Authority
- Jardine Matheson
- KPMG
- OOCL
- PricewaterhouseCoopers
- Shanghai Commercial Bank
- Siemens
- Swire Resources
- The Bank of East Asia

STUDENT
ACHIEVEMENTS

On Joint Bachelor's Degree Program between CityUHK and Columbia University
Jonathan L. Gross Award for Academic Excellence 2024
Valedictorian (GS Class of 2024)
Russell C. Mills Award 2024

Gold & Bronze Awards, Hong Kong Techathon+ 2024

Champion, PwC's Hackaday 2023

Champion, J.P. Morgan's Code for Good Hackathon 2023

ENTRANCE
REQUIREMENTS

For admission to **JS1204 BSc Computer Science**,
JUPAS HKDSE applicants must meet the following entrance requirements and levels.

MINIMUM LEVEL REQUIRED

ENGLISH LANGUAGE	Level 3
CHINESE LANGUAGE	Level 3
MATHEMATICS	Level 3
CITIZENSHIP AND SOCIAL DEVELOPMENT	Attained
ELECTIVE 1	**Level 3** in ONE elective subject from: - Biology - Chemistry - Information and Communication Technology - M1 / M2 - Physics
ELECTIVE 2	**Level 3** in ANY elective subjects