



Department of
Computer Science

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

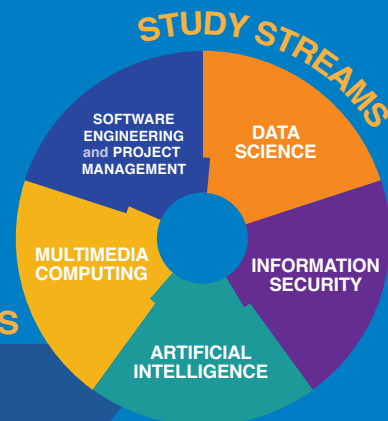
The programme aims to provide the best possible undergraduate education with a well-balanced emphasis on computer science theories, practical hands-on development skills, as well as software engineering know-how that are necessary for successful careers as professional software developers, system analysts, 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 placement 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.

CORE SUBJECTS

- COMPUTER PROGRAMMING
- DATABASE SYSTEMS
- OPERATING SYSTEMS
- SOFTWARE DESIGN
- IT PROFESSIONAL PLACEMENT
- 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).

CAREER PROSPECTS AND FURTHER STUDIES

The graduates of the programme, with a year of placement experience, have achieved very high employment rates in recent Graduate Employment Surveys. Students who pursued further studies received offers from prestigious universities including Brown University, Carnegie-Mellon University, Columbia University, Duke University, Imperial College London, Rice University and University of Illinois at 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.

STUDENT EXCHANGE PROGRAMMES

To study abroad for a semester at partner institutions in Asia, Europe and North America.

BIG DATA ANALYTICS SUMMER EXPERIENCE IN USA

A four-week summer programme offered by the University of Missouri to expose students to the latest development in Big Data Analytics.

OVERSEAS LEARNING PROGRAMMES

To subsidize students to participate in learning programmes offered by prestigious overseas universities.



SPECIAL FEATURES

After completing two years of study, students will join the IT Professional Placement (ITPP) to work in companies joining our placement programme for nine months in related fields to gain real work experience. Below is a partial list of companies offering placement to our students in recent years:

- Hong Kong Exchanges and Clearing
- Hong Kong Jockey Club
- Hospital Authority
- HSBC
- IBM
- Jardine Matheson
- Office of the Government Chief Information Officer
- OOCL
- Siemens
- SmarTone Telecommunications
- Swire Resources
- The Hongkong Electric

STUDENT ACHIEVEMENTS

- 1 HSBC Overseas Scholarships 2021/22
- 2 Innovation and Technology Scholarship 2021
- 3 TartanHacks 2020
organized by ScottyLabs at Carnegie Mellon University
Emirates Grand Prize Winner
- 4 HKCS Outstanding ICT Women Awards 2020
Outstanding ICT Rising Star Award
- 5 HKIE Scholarship 2020/2021
- 6 12th Challenge Cup
National Business Plan Competition for College Students 2020
Silver Prize



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
LIBERAL STUDIES	Level 2
ELECTIVE 1	Level 3 in ONE elective subject from: <ul style="list-style-type: none"> - Biology - Chemistry - Combined Science - Information and Communication Technology - Integrated Science - M1 / M2 - Physics
ELECTIVE 2	Level 3 in ANY elective subjects

* Best five subjects will be taken into account, including English Language, Mathematics and a specified elective.