



香港浸會大學
HONG KONG BAPTIST UNIVERSITY



香港浸會大學理學院
HKBU Faculty of Science

JUPAS Code : JS2510

BSC(HONS) IN COMPUTER SCIENCE



DEPARTMENT OF
COMPUTER SCIENCE
計算機科學系

PROGRAMME STRUCTURES

CURRICULUM STRUCTURE

CS CONCENTRATION COURSES 21 UNITS

CONCENTRATION CORE 15-21 UNITS*

MAJOR ELECTIVES 6-0 UNITS

CS FOUNDATION & OTHER COURSES 107 UNITS

MAJOR CORE 37 UNITS

FREE ELECTIVES 24 UNITS

YEAR 1 SCIENCE COURSES 15 UNITS

UNIVERSITY CORE & GENERAL EDUCATION
31 UNITS

*the no. of units depends on the concentration

4 CONCENTRATIONS

COMPUTING AND SOFTWARE TECHNOLOGIES (CST)[#]

- Train all-rounded and versatile IT professionals for technological innovations

MAJOR ELECTIVES (6 UNITS)

CONCENTRATION CORE (15 UNITS)
Cloud Systems, Algorithm,
Innovative Technologies



ARTIFICIAL INTELLIGENCE CONCENTRATION (AI)[#]

- Provide a working knowledge of Artificial Intelligence (AI), and Machine Learning (ML) to participate in AI-related projects

CONCENTRATION CORE (21 UNITS)
AI + ML, AI Development, CVPR, NLP, RecSys



DATA AND MEDIA COMMUNICATION (DMC)

- Interdisciplinary concentration co-offered with Department of Journalism
- Data analytics and journalistic principles

MAJOR ELECTIVES (6 UNITS)
CONCENTRATION CORE (15 UNITS)
Communication, Data Analysis,
Data-driven, Reporting



INFORMATION SYSTEMS AND ANALYTICS (ISA)[#]

- Creative applications of analytics and information systems

MAJOR ELECTIVES (6 UNITS)

CONCENTRATION CORE (15 UNITS)
Systems Design and Integration,
Informatics, Analysis



* CST / ISA / AI students are eligible to take DMC as a second concentration. Other combinations of second concentrations are subject to timetable constraints.
[#] HKIE accredited concentrations.

OUTREACH INITIATIVES

Overseas experience

AMPLE OF OVERSEAS OUTREACH OPPORTUNITIES

exclusive to CS students

- Study Abroad Programme to McGill University, Canada
- Project-based study at Surrey University, UK
- UG Overseas Summer Research Scholarship Scheme
- Joint Design Workshop with overseas institutions
- Italy Internship Programme
- Study tours

Students had joined **overseas exchange programme** to Canada, the Netherlands, Switzerland, Ireland, Germany, France, USA, Spain, Australia, Taiwan, etc.

Industry experience

Placement at

- Amazon AWS
- HSBC
- Hong Kong Management Association
- Hong Kong Monetary Authority
- Hospital Authority
- Huawei
- IBM
- JP Morgan
- Office of the Government Chief Information Officer
- Swire
- Tencent and etc.



PROMISING FUTURE

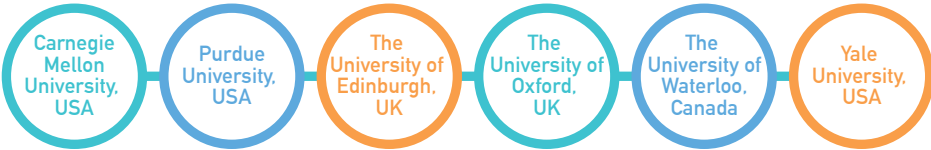
Graduates can work as:

- Analyst programmer, system analyst, business analyst, system administrator, digital marketer, data analyst, technical specialist, etc.

Employers of our graduates include:

- HSBC, Hang Seng Bank Limited, IBM, PCCW Solutions, Deloitte, PwC, JP Morgan Chase & Co., MTR, Hospital Authority, and other leading organisations.

Our graduates received offers from prestigious universities for further studies including:



SCHOLARSHIPS



Our students received more than **10** scholarships amount more than \$635,000 in 2023-24.

We offer Scholarship for Study Abroad Programme at McGill University amounted \$100,000 and other exclusive scholarships* to CS students.

* Undergraduate Scholarship in Computer Science, Scholarship for Computer Science Non-JUPAS School Recommendation Scheme, Outstanding Student Scholarship, Computer Science Department Alumni Scholarship, Undergraduate Overseas Summer Research Scholarship Scheme, Concentration Award in CST/ ISA / AI / DMC, Internship Award



JUPAS Route (JUPAS Code: JS2510)

Students will be admitted on a Faculty basis and have to satisfy the following requirements in HKDSE.

Subjects	Minimum Entry Level
Chinese Language	3
English Language	3
Citizenship and Social Development	Attained
Mathematics	2
2 Elective Subjects [#]	3

- [#]
- One of the electives must be any Category A subjects (excluding Extended Part of Mathematics (Module 1 or Module 2)).
 - Category A subjects (including Extended Part of Mathematics (Module 1 or Module 2)).
 - Category B (Applied Learning) subjects with "Attained with Distinction (I) or above."
 - Category C (Other Language) subjects.

JS2510 considers the best 5 subjects in admission.
For students who have attained a 5* or above in Information and Communication Technology (ICT) or Mathematics in HKDSE, they will be guaranteed for admission to BSc (Hons) in Computer Science in Year 2.



ADMISSION REQUIREMENTS

Non-JUPAS/ International Admissions Route



Applicants with qualifications other than Hong Kong Diploma of Secondary Education (HKDSE) and National Joint College Entrance Examination (JEE) will be considered on an individual merit basis.

ENQUIRY

Department of Computer Science Faculty of Science

☎ (+852) 3411 7080

✉ comp@comp.hkbu.edu.hk

🌐 <https://www.comp.hkbu.edu.hk>

f <https://www.facebook.com/hkbu.comp>

📷 <https://www.instagram.com/hkbu.comp/>



Admissions Office Academic Registry

☎ (+852) 3411 2200

✉ 334jupas@hkbu.edu.hk (JUPAS)/
ardirect@hkbu.edu.hk (Non-JUPAS)

🌐 <https://admissions.hkbu.edu.hk>



The information provided in this pamphlet is correct to the best of our knowledge at the time of writing. Please refer to our website for latest information. In case of discrepancy, the information provided by Hong Kong Baptist University prevails.