

JUPAS Code : JS2510

**BSC(HONS) IN
COMPUTER
SCIENCE**

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 36 UNITS

FREE ELECTIVES 24 UNITS

YEAR 1 SCIENCE COURSES 16 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

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

ARTIFICIAL INTELLIGENCE CONCENTRATION (AI)[#]

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

DATA AND MEDIA COMMUNICATION (DMC)

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

CONCENTRATION CORE (21 UNITS)

AI + ML, AI Development, CVPR, NLP, RecSys

MAJOR ELECTIVES (3 UNITS)

CONCENTRATION CORE (18 UNITS)
Communication, Data Analysis, Data-driven, Reporting

* CST / ISA / AI students are eligible to take DMC as a second concentration.

[#] 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 R.O.C., etc.

Industry experience

Placement at

- HSBC
- Hong Kong Management Association
- Hong Kong Monetary Authority
- IBM
- Office of the Government Chief Information Officer
- 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 \$611,500 in 2021-22.

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
Liberal Studies	2
Mathematics	2
2 Elective Subjects [#]	3

[#] Any HKDSE elective subjects, including Extended Part of Mathematics (Module 1 or Module 2)

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

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🌐 <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

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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.