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

3 CONCENTRATIONS

CURRICULUM STRUCTURES

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

MAJOR CORE (36 UNITS)
Database, Programming, Networking, Software Engineering, Mathematics, Operating Systems

FREE ELECTIVES (24 UNITS)

YEAR 1 SCIENCE COURSES (16 UNITS)	UNIVERSITY CORE & GENERAL EDUCATION (31 UNITS)

INFORMATION SYSTEMS AND ANALYTICS (ISA)

- Creative applications of analytics and information systems

MAJOR ELECTIVES (6 UNITS)

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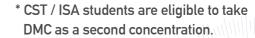Systems Design and Integration, Informatics, Analysis

MAJOR CORE (36 UNITS)
Database, Programming, Networking, Software Engineering, Mathematics, Operating Systems

FREE ELECTIVES (24 UNITS)

YEAR 1 SCIENCE COURSES (16 UNITS)	UNIVERSITY CORE & GENERAL EDUCATION (31 UNITS)

DATA AND MEDIA COMMUNICATION (DMC)

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

MAJOR ELECTIVES (3 UNITS)

CONCENTRATION CORE (18 UNITS)
Communications, Data Analysis, Reporting

MAJOR CORE (36 UNITS)
Database, Programming, Networking, Software Engineering, Mathematics, Operating Systems

FREE ELECTIVES (24 UNITS)

YEAR 1 SCIENCE COURSES (16 UNITS)	UNIVERSITY CORE & GENERAL EDUCATION (31 UNITS)

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

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:

- Carnegie Mellon University, USA
- Purdue University, USA
- The University of Edinburgh, UK
- The University of Oxford, UK
- The University of Waterloo, Canada
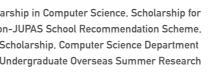- Yale University, USA

SCHOLARSHIPS

Our students received more than **50** scholarships amount more than $1,500,000 in 2018-19.

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

ADMISSION REQUIREMENTS

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.

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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🌐 http://www.comp.hkbu.edu.hk
f http://www.facebook.com/hkbu.comp

Admissions Office
Academic Registry

☎ (+852) 3411 2200
✉ 334jupas@hkbu.edu.hk (JUPAS)/
   ardirect@hkbu.edu.hk (Non-JUPAS)
🌐 http://admissions.hkbu.edu.hk

This 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 Hong Kong Baptist University prevails.