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: 26 units
- Free Electives: 24 units
- Year 1 Science Courses: 16 units
- University Core & General Education: 32 units

*The no. of units depends on the concentration* 

1. **Computing and Software Technologies (CST)**
   - Major Electives: 6 units
   - Concentration Core: 15 units
   - Cloud Systems, Algorithm, Innovative Technologies

2. **Information Systems and Analytics (ISA)**
   - Major Electives: 6 units
   - Concentration Core: 15 units
   - Systems Design and Integration, Informatics, Analysis

3. **Artificial Intelligence Concentration (AI)**
   - Major Electives: 2 units
   - Concentration Core: 15 units
   - AI + ML, AI Development, CVPR, NLP, RecSys

4. **Data and Media Communication (DMC)**
   - Major Electives: 3 units
   - Concentration Core: 18 units
   - Communication, Data Analysis, Data-driven, Reporting

*HKIE accredited concentrations.*

**Concentrations**

- Train all-rounded and versatile IT professionals for technological innovations.
- Provide a working knowledge of Artificial Intelligence (AI), and Machine Learning (ML) to participate in AI-related projects.
- Interdisciplinary concentration co-offered with Department of Journalism.
- Data analytics and journalistic principles.

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

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

**Subjects** | **Minimum Entry Level**
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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.

Our graduates can work as:

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

Employers of our graduates include:


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 CSE/ ISA / AI / DMC, Internship Award.

Outreach Initiatives

**Outreach Initiatives**

**AMLE 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.

**Scholarships**

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**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:


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
- McGill University, Canada
- Surrey University, UK
- Italy Internship Programme
- Study Abroad Programme to McGill University, Canada
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**Admissions Requirements**

**Non-JUPAS/International Admissions Route**

Applicants with qualifications other than Hong Kong Diploma of Secondary Education (HKDSE) and National Joint College Entrance Examination (UEE) 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
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.