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 work experiences, which will provide a significant edge when students look for employment after graduation.

PROGRAMME STRUCTURE

The curriculum includes highly focused core business and a wide range of elective choices. 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

STUDY STREAMS

- Software Engineering and Project Management
- Software Development
- Systems Design and Engineering
- Network and Security
- Artificial Intelligence
- Data Science
- Multimedia Computing
- Information Security
- Computer Programming
- Database Systems
- Operating Systems
- Software Design
- IT Professional Placement
- Final Year Project

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 PROGRAMME

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

CULTURAL AND LANGUAGE IMMERSION SCHEME IN UK

A four-week summer programme to provide an opportunity for students to improve their English and explore the cultural aspects of the UK.

BIG DATA ANALYTICS

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

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 a year in related fields to gain real work experience. Below is a partial list of companies offering placement to our students in recent years:

- HGC Global Communications
- Hong Kong Exchanges and Clearing
- Hospital Authority
- HSBC
- IBM
- Jardine Matheson
- Kuehne & Nagel
- Office of the Government Chief Information Officer
- Octopus Holdings
- Samsung
- Sun Hung Kai Real Estate Agency
- The Hongkong Electric

STUDENT AWARDS

1. First Runner-up Mobile Application Innovation Contest 2018
2. IBM Student Innovation Award 2018
3. Mobile Application Innovation Contest 2018 Silver Medal
4. IBM Student Innovation Award 2018 Second Prize
5. IBM Student Innovation Award 2018 Second Runner-up
6. IIT Professional Placement 2018 First Runner-up

ENTRANCE REQUIREMENTS

For admission to JS1204 BSc Computer Science, JUPAS HKDSE applicants must meet the following entrance requirements and levels.

MINIMUM LEVEL REQUIRED

<table>
<thead>
<tr>
<th>ENGLISH LANGUAGE</th>
<th>CHINESE LANGUAGE</th>
<th>MATHEMATICS</th>
<th>LIBERAL STUDIES</th>
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<tr>
<td>Level 3</td>
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ELECTIVE 1

Level 3 in ONE elective subject from:
- Biology
- Chemistry
- Combined Science
- Information and Communication Technology
- M1/M2
- Physics

ELECTIVE 2

Level 3 in ANY elective subjects

NOTES

1. Unspecified elective subjects may include “other languages” at grade E or above.
2. If students take both M1 and M2, they are counted as one subject only.
3. Applied Learning subjects are not counted as elective subjects.