BEng in Computer Science
Program Structure

- UG5 Requirements
  - Chinese Course: 54 credits
  - English Courses
  - CC Courses: 144 credits
- CS Professional Core
  - General Engg. Courses: 42 credits
  - CS Core Courses
  - CS Elective Courses
  - Final Year Project
  - Internship

- Minor
  - ≥ 36 credits

- 2 Minors
  - ≥ 72 credits

- BEng/BBA
  - 54 credits

- Free Electives
  - ≥ 42 credits

- 2nd Major
  - ≥ 72 credits
Minors & 2\textsuperscript{nd} majors

- Almost anything
- Examples
  - Faculty of Science
  - Faculty of Business and Economics
    - Majors (72 credits): Finance, Information Systems, Wealth Management
    - Minors: Accounting, Finance, Information Systems
  - Faculty of Art
    - Major (72 credits): Japanese Language, Japanese Studies, Korean Studies
    - Minor: Japanese Language, Korean Studies
- Check this out: Academic Advising Office (http://aaо.hku.hk/)
Sample Study Plans

- URL of the Advising Page

- BEng(CompSc)

- BEng(CompSc) with Minor in Finance
- BEng(CompSc) with Minor in Information Systems
- BEng(CompSc) with Minor in Mathematics
- BEng(CompSc) with Minor in Risk Management
- BEng(CompSc) with Minor in Computational & Financial Mathematics
- BEng(CompSc) with Minor in Japanese Language

- BEng(CompSc) with Major in Finance
- BEng(CompSc) with 2nd Major in Information Systems
Final Year Project

▪ Research and development projects
▪ Industrial / community based projects

Students received Gold Award and the Best Practical Value Award in the 2013 Pan-Pearl River Delta Region Universities IT Project Competition and Merit award in the Asia Pacific ICT Alliance Award (Tertiary division) (APICTA 2014)

The KINECT in physiotherapy project: Students visit the home for the elderly and design a motion sensing physiotherapy system for the residents.
Internship (Industrial or Research-oriented)

- Research Internship under the University Research Fellowship Program (URFP)
Career

Where did our graduates go?

<table>
<thead>
<tr>
<th>Category</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT-related</td>
<td>90%</td>
<td>89%</td>
</tr>
<tr>
<td>Others</td>
<td>10%</td>
<td>11%</td>
</tr>
</tbody>
</table>

Positions

<table>
<thead>
<tr>
<th>Category</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT/Tech./Engg.</td>
<td>55%</td>
<td>57%</td>
</tr>
<tr>
<td>Finance/Business</td>
<td>16%</td>
<td>22%</td>
</tr>
<tr>
<td>Others</td>
<td>29%</td>
<td>21%</td>
</tr>
</tbody>
</table>

Basic Salary

- Min: $10,000
- Median: $14,500
- Mean: $16,570
- Max: $33,333

Companies

- IT/Tech./Engg.: 2013 55% 2012 57%
- Finance/Business: 2013 16% 2012 22%
- Others: 2013 29% 2012 21%

2013 Employment Survey
Career

Source: “Hong Kong as an information society”, 2013 Edition, the Census and Statistics Department
Career

- Major Career Paths
  - Software Industry
    - Software Engineering
    - Software Quality Assurance
    - Project Management
    - Multimedia Content
  - Planning & managing organization technology infrastructure
    - IT Architecture
    - Service Management and Operation
    - Information Security
- Further Study – Research
OGCIO sponsored HKCS to develop this Matrix.

It offers a holistic view and insight of the IT industry in Hong Kong and allow for better career development planning.

To know more about each job category, please visit the following URL:

Further information

- Student advisor of Computer Science department: Dr. Anthony Tam (atctam@cs.hku.hk).
- To download this briefing note and study plans: [http://www.cs.hku.hk/programme/beng-cs/advising/advising.jsp](http://www.cs.hku.hk/programme/beng-cs/advising/advising.jsp)
- Or access this web page via the QR code