## Sample Study Schedule
(Normative 4-Year Degree, Common First Year)

### 2013-2014 (1st Year)

<table>
<thead>
<tr>
<th>Semester A</th>
<th>Units</th>
<th>Semester B</th>
<th>Units</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1102 / CS1302 Introduction to Computer Studies / Introduction to Computer Programming</td>
<td>3</td>
<td>GE2410 English for Engineering – GE (3)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>MA1200 / MA1300 Calculus and Basic Linear Algebra I / Enhanced Calculus and Linear Algebra I</td>
<td>3</td>
<td>MA1201/ MA1301 Calculus and Basic Linear Algebra II / Enhanced Calculus and Linear Algebra II</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GE1401 University English – GE (1)</td>
<td>3</td>
<td>GE-4 Gateway Education – GE (4)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GE-2 Gateway Education – GE (2)</td>
<td>3</td>
<td>GE-5 Gateway Education – GE (5)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

### 2014-2015 (2nd Year)

<table>
<thead>
<tr>
<th>Semester A</th>
<th>Units</th>
<th>Semester B</th>
<th>Units</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS2811 Seminars on Contemporary Technology I</td>
<td>0</td>
<td>CS2611 Seminars on Contemporary Technology I</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>CS2115 Computer Organization</td>
<td>3</td>
<td>CS2312 Problem Solving and Programming</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CS2204 Fundamentals of Internet Applications Development</td>
<td>3</td>
<td>CS3103 Operating Systems</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CS2310 Computer Programming</td>
<td>3</td>
<td>CS3334 Data Structures</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CS2301 Computer Networks</td>
<td>3</td>
<td>CS342 Software Design</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>MA2185 Discrete Mathematics</td>
<td>3</td>
<td>CS3402 Database Systems</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Free Electives / Minor</td>
<td>0-3</td>
<td>Free Electives / Minor</td>
<td></td>
<td>0-3</td>
</tr>
<tr>
<td></td>
<td>15/ 18</td>
<td>16/ 19</td>
<td>31/ 37</td>
<td></td>
</tr>
</tbody>
</table>

### Summer Term 2015 (3rd Year)

<table>
<thead>
<tr>
<th>Semester A</th>
<th>Units</th>
<th>Semester B</th>
<th>Units</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-E CS Elective (1)</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GE-6 Gateway Education – GE (6)</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

### 2015-2016 (3rd Year)

<table>
<thead>
<tr>
<th>Semester A</th>
<th>Units</th>
<th>Semester B</th>
<th>Units</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS3503 IT Professional Placement</td>
<td>3*</td>
<td>CS3503 IT Professional Placement</td>
<td></td>
<td>6*</td>
</tr>
<tr>
<td>CS3343 Software Engineering Practice</td>
<td>3</td>
<td>CS-E CS Elective (2)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>SS3904 Science, Technology &amp; Society for Computing</td>
<td>3</td>
<td>CS-E CS Elective (3)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GE-7 Gateway Education – GE (7)</td>
<td>3</td>
<td>GE-8 Gateway Education – GE (8)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

### 2016-2017 (4th Year)

<table>
<thead>
<tr>
<th>Semester A</th>
<th>Units</th>
<th>Semester B</th>
<th>Units</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS3612 Seminars on Contemporary Technology II</td>
<td>0</td>
<td>CS3612 Seminars on Contemporary Technology II</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>CS4335 Design &amp; Analysis of Algorithms</td>
<td>3</td>
<td>CS4514 Project</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>CS4514 Project</td>
<td>3*</td>
<td>CS-E CS Elective (5)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CS-E CS Elective (4)</td>
<td>3</td>
<td>GE-10 Gateway Education – GE (10)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>GE-9 Gateway Education – GE (9)</td>
<td>3</td>
<td>Free Electives / Minor</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Free Electives / Minor</td>
<td>1-7</td>
<td>13/ 19**</td>
<td></td>
<td>13/ 16 26/ 35</td>
</tr>
</tbody>
</table>

Total Credit Units: 120 – 135#  (# Assume a student takes a major and a minor)
Electives: (minimum 15 credit units from these electives)

<table>
<thead>
<tr>
<th>Information Security Stream – Stream Core:</th>
<th>Other Electives:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS4286 Internet Security and E-Commerce Protocols</td>
<td>CS3183 Performance Evaluation</td>
</tr>
<tr>
<td>CS4293 Topics on Computer Security</td>
<td>CS3184 Chinese Computing</td>
</tr>
<tr>
<td>CS4394 Information Security and Management</td>
<td>CS3185 Computer Architecture</td>
</tr>
<tr>
<td></td>
<td>CS3282 E-Commerce Technology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Multimedia Computing Stream – Stream Core:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS3483 Multimodal Interface Design</td>
</tr>
<tr>
<td>CS4182 Computer Graphics</td>
</tr>
<tr>
<td>CS4185 Multimedia Technologies and Applications</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Software Engineering and Project Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS4183 Advanced Operating Systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Data Science Stream – Stream Core:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS3481 Fundamentals of Data Science</td>
</tr>
<tr>
<td>CS4480 Data-Intensive Computing</td>
</tr>
<tr>
<td>CS4487 Machine Learning</td>
</tr>
</tbody>
</table>

Electives:

1. Partial credit units for year-long courses, granted only if completing the whole course.
2. CS1102/CS1302, MA1200/MA1300 & MA1201/MA1301, AP1201/BCH1100/ BCH1200 (choose two from science areas) = Gateway Education Requirements: Total 30 credit units including 6 credit units in English (GE1401 & GE2410), 3 credit units in Chinese Civilization (GE1501) and 21 credit units in distributional requirements with a minimum of 3 credit units from each of the three areas: ‘Arts and Humanities’, ‘Study of Societies, Social and Business Organisations’ and ‘Science and Technology’.

4. ** A CGPA of 3.0 is required for study load per semester to go beyond 18 credit units and subject to departmental approval.

Notes:

1. English Language Requirement:
   To fulfill the University’s English Language Requirement, students should complete the two Gateway Education (GE) English courses (GE1401 & GE2410). Students cannot proceed to take the above GE English courses (GE1401 & GE2410) until completion of the requirements mentioned below:
   - Students with Level 3 in HKDSE English Language OR Grade E in HKALE AS-level Use of English: Need to take ~EL0200 (6 credit units).
   - Students whose qualifications do not fall within the above: ELC will invite them to sit for an English Placement Test or submit an alternative English proficiency qualification (e.g., TOEFL, IELTS) to ascertain their English standard. A waiver from taking EL0200 may be granted by ELC for students who have achieved the required English proficiency.

   ~EL0200 ‘English for Academic Purposes’:
   Assessment: Standard grading (A+,...,F);
   It will NOT count towards the minimum credit requirement for graduation but will count towards the maximum credit units allowed, and will NOT be calculated in students’ CGPA.

2. Chinese Language Requirement:
   From 2012 cohort onwards, students are required to satisfy the Chinese Language Requirement as follows:

<table>
<thead>
<tr>
<th>(i) Students with an HKDSE score below 4 in Chinese, or an HKALE AS Chinese Language and Culture score below D</th>
<th>CHIN1001 University Chinese *</th>
</tr>
</thead>
<tbody>
<tr>
<td>(ii) Students with an HKDSE score of 4 or above in Chinese or an HKALE AS Chinese Language and Culture score D or above, or those who have successfully completed the 3-credit unit Chinese course</td>
<td>No requirement</td>
</tr>
<tr>
<td>(iii) Students whose qualifications do not fall within (i) and (ii) above</td>
<td>No requirement</td>
</tr>
</tbody>
</table>

*The 3 credit units of the Chinese course will NOT be counted towards the minimum credit units required for graduation and will NOT be included in the calculation of CGPA.

Updated on 22 June 2015