Sample Study Schedule

under Advanced Standing II (Senior-year Entry)
(For Associate Degree/Higher Diploma graduates admitted to the senior year)

BSC EG
UGC Funded
Cohort 2018

Course Code  | Course Title                                      | Units | Course Code  | Course Title                                      | Units |
------------|--------------------------------------------------|-------|--------------|--------------------------------------------------|-------|
SS3904 | Science, Technology & Society for Computing | 3 | CS2310 | Computer Programming | 3 |
CS2115 | Computer Organization | 3 | CS3201 | Computer Networks | 3 |

Courses Waived: 21 credit units

Catalogue Term 2018-19

2018-2019 (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>CS2611</td>
<td>Seminars on Contemporary Technology I</td>
<td>0</td>
<td>CS2611</td>
<td>Seminars on Contemporary Technology I</td>
</tr>
<tr>
<td>CS2312</td>
<td>Problem Solving and Programming</td>
<td>3</td>
<td>CS3334</td>
<td>Data Structures</td>
</tr>
<tr>
<td>CS3103</td>
<td>Operating Systems</td>
<td>3</td>
<td>CS3402</td>
<td>Database Systems</td>
</tr>
<tr>
<td>MA2185</td>
<td>Discrete Mathematics</td>
<td>3</td>
<td>CS-E</td>
<td>CS Elective (2)</td>
</tr>
<tr>
<td>CSpC</td>
<td>College Specified Courses – GE (1)*</td>
<td>3</td>
<td>CS2402</td>
<td>Introduction to Computational Probability</td>
</tr>
<tr>
<td>GE-2</td>
<td>Gateway Education – GE (2)</td>
<td>3</td>
<td>GE2410</td>
<td>English for Engineering - GE (4)</td>
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</tbody>
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Summer Term 2018 (4th Year)

Encourage to participate in Go Global Activities [activities / programmes outside Hong Kong for not less than 4 weeks (28 days)]

2019-2020 (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>CS3504</td>
<td>IT Professional Placement</td>
<td>6*</td>
<td>CS3504</td>
<td>IT Professional Placement</td>
</tr>
<tr>
<td>CS4514</td>
<td>Project</td>
<td>3*</td>
<td>CS4514</td>
<td>Project</td>
</tr>
<tr>
<td>CS3343</td>
<td>Software Engineering Practice</td>
<td>3</td>
<td>CS-E</td>
<td>CS Elective (3)</td>
</tr>
<tr>
<td>CS4335</td>
<td>Design &amp; Analysis of Algorithms</td>
<td>3</td>
<td>CS-E</td>
<td>CS Elective (4)</td>
</tr>
<tr>
<td>EN4262</td>
<td>English Communication Skills for Computing</td>
<td>2</td>
<td></td>
<td></td>
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</tbody>
</table>

Total Credit Units: 72 (minimum graduation requirement)
Maximum Credit Units: 84 (student may opt to take more free electives provided that they have not yet reached the maximum credit limit or maximum period of study permitted.)
Electives: (minimum 12 credit units from the following electives)

Students may choose any of the streams by taking 3 courses of the selected stream. For those who do not want to focus on a selected stream, they can take any 4 elective courses from the list.

Information Security Stream – Stream Core: CS4266 Internet Security and E-Commerce Protocols
CS4293 Topics on Cybersecurity
CS4394 Information Security and Management

Multimedia Computing Stream – Stream Core: CS3483 Multimodal Interface Design
CS4182 Computer Graphics

Choose one out of the following four courses: CS4185 Multimedia Technologies and Applications
CS4186 Computer Vision & Image Processing
CS4187 Computer Vision for Interactivity
CS4188 Virtual Reality

Software Engineering and Project Management
Stream - Stream Core: CS4367 Computer Games Design

Choose three out of the following four courses: CS3334 Software Testing and Maintenance
CS3356 Managing Software Projects
CS4348 Software Quality Management
CS3389 Decentralized Applications Development

Data Science Stream – Stream Core: EE4940 Digital Information Communications
CS3481 Fundamentals of Data Science
MA2172 Applied Statistics for Sciences and Engineering

Remarks:

1. * Partial credit units for year-long courses, granted only if completing the whole course.

2. GE = Gateway Education Requirements: Total 12 credit units, including 3 credit units in English (GE2410) and 3 credit units in distributional requirements from the three areas: ‘Arts and Humanities’, ‘Study of Societies, Social and Business Organisations’ and ‘Science and Technology’, 6 credit units in College Specified Courses (CSpC) including CS2402 "Introduction to Computational Probability Modelling" and 3 credit units from a pool of College Specified Courses.

3. Go Global Activities Activities / programmes which enable students to broaden their cultural horizons through a comprehensive and unique learning experience, either credit bearing or noncredit bearing, outside Hong Kong for not less than 4 weeks (28 days), e.g. Exchange, Internship, Cultural and Language Immersion Scheme, Service Learning and Study Abroad programme.

College Specified Courses (choose any one from the following list)
GE2313 Global IT Case Studies
GE2315 Security and Privacy in the Information Age
GE2323 Mobile Social Networks: Practices, Challenges, and Beyond
GE2324 The Art and Science of Data
GE2338 Internet Applications and Security
GE2340 Artificial Intelligence – Past, Present, and Future
CB2100 Introduction to Financial Accounting
CB2300 Management
CB2500 Information Management
CB2601 Marketing

Notes:

1. English Language Requirement
   To fulfil the University’s English Language Requirement, students should complete the Gateway Education (GE) English course (GE2410).

2. Chinese Language Requirement
   It is not required for Advanced Standing II students.

Updated on 31 July 2018