Courses Waived for students admitted with Advanced Standing II

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Units</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1102 or CS1302</td>
<td>College Requirement (Computing) Introduction to Computer Studies or Introduction to Computer Programming</td>
<td>3</td>
<td>CS2115</td>
<td>Computer Organization</td>
<td>3</td>
</tr>
<tr>
<td>MA-1</td>
<td>College Requirements – MA (1)</td>
<td>3</td>
<td>CS2204</td>
<td>Fundamentals of Internet Applications Development</td>
<td>3</td>
</tr>
<tr>
<td>MA-2</td>
<td>College Requirements – MA (2)</td>
<td>3</td>
<td>CS2310</td>
<td>Computer Programming</td>
<td>3</td>
</tr>
<tr>
<td>SE-1</td>
<td>College Requirements – SE (1)</td>
<td>3</td>
<td>CS2611</td>
<td>Seminars on Contemporary Technology I</td>
<td>1</td>
</tr>
<tr>
<td>SE-2</td>
<td>College Requirements – SE (2)</td>
<td>3</td>
<td>CS3201</td>
<td>Computer Networks</td>
<td>3</td>
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<tr>
<td>SS3904</td>
<td>Science, Technology &amp; Society for Computing</td>
<td>3</td>
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</table>

Courses Waived: 31 credit units

2014-2015 (3rd Year)

<table>
<thead>
<tr>
<th>Semester A</th>
<th>Units</th>
<th>Semester B</th>
<th>Units</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>CS3612</td>
<td>CS3612</td>
<td>Seminars on Contemporary Technology II</td>
<td>0</td>
<td>1</td>
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<tr>
<td>CS3212</td>
<td>CS3334</td>
<td>Data Structures</td>
<td>3</td>
<td>3</td>
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<td>CS3103</td>
<td>CS3342</td>
<td>Software Design</td>
<td>3</td>
<td>3</td>
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<tr>
<td>CS-E</td>
<td>CS3402</td>
<td>Database Systems</td>
<td>3</td>
<td>3</td>
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<tr>
<td>MA2185</td>
<td>CS-E</td>
<td>CS Elective (2)</td>
<td>3</td>
<td>3</td>
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<tr>
<td>CSpC</td>
<td>GE2326</td>
<td>Probability in Action: From the Unfinished Game to the Modern World - GE (2)</td>
<td>3</td>
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<tr>
<td></td>
<td>GE2410</td>
<td>English for Engineering - GE (3)</td>
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Summer Term 2015 (4th Year)

<table>
<thead>
<tr>
<th>Semester A</th>
<th>Units</th>
<th>Semester B</th>
<th>Units</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>CS-E</td>
<td>CS Elective (3)</td>
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<td>GE-4</td>
<td>Gateway Education - GE (4)</td>
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2015-2016 (4th Year)

<table>
<thead>
<tr>
<th>Semester A</th>
<th>Units</th>
<th>Semester B</th>
<th>Units</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>CS3503</td>
<td>CS3503</td>
<td>IT Professional Placement</td>
<td>3*</td>
<td>6*</td>
</tr>
<tr>
<td>CS4514</td>
<td>CS4514</td>
<td>Project</td>
<td>3*</td>
<td></td>
</tr>
<tr>
<td>CS3343</td>
<td>CS-E</td>
<td>CS Elective (5)</td>
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</tr>
<tr>
<td>CS4355</td>
<td>CS4355</td>
<td>Design &amp; Analysis of Algorithms</td>
<td>3</td>
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</tr>
<tr>
<td>CS-E</td>
<td>CS-E</td>
<td>CS Elective (4)</td>
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<td>Total</td>
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</tr>
</tbody>
</table>

Total Credit Units: 70 (12 GE + 58 Major)

Electives: (minimum 15 credit units from these electives)

Information Security Stream – Stream Core:
- CS4286 Internet Security and E-Commerce Protocols
- CS4293 Topics on Computer Security
- CS4394 Information Security and Management
- CS3282 E-Commerce Technology
- CS3919 Advanced Programming
- CS4183 Advanced Operating Systems
- CS4186 Computer Vision & Image Processing
- CS4187 Computer Vision for Interactivity
- CS4188 Cryptographic Algorithms and Protocols

Other Electives:
- CS3183 Chinese Computing
- CS3184 Computer Architecture
- CS3371 E-Logistics Application System
- CS3372 Enterprise Systems Development
- CS3382 Web Usability Design and Engineering
- CS3391 Advanced Programming
- CS4183 Advanced Operating Systems
- CS4186 Computer Vision & Image Processing
- CS4187 Computer Vision for Interactivity
- CS4188 Cryptographic Algorithms and Protocols
- CS4290 Digital Media and Rights Management
- CS4292 Distributed Network Algorithms and Optimization

Multimedia Computing Stream – Stream Core:
- CS3483 Multimodal Interface Design
- CS3371 E-Logistics Application System
- CS3372 Enterprise Systems Development
- CS3382 Web Usability Design and Engineering
- CS3391 Advanced Programming
- CS4183 Advanced Operating Systems
- CS4186 Computer Vision & Image Processing
- CS4187 Computer Vision for Interactivity
- CS4188 Cryptographic Algorithms and Protocols

Software Engineering and Project Management Stream – Stream Core:
- CS3346 Software Testing and Maintenance
- CS3356 Managing Software Projects
- CS3438 Software Quality Management
- CS3483 Fundamentals of Data Science
- CS4288 Cryptographic Algorithms and Protocols

Other Electives:
- CS4290 Digital Media and Rights Management
- CS4292 Distributed Network Algorithms and Optimization
- 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)
   - 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 GE2326 “Probability in Action: From the Unfinished Game to the Modern World” and 3 credit units from a pool of College Specified Courses.

^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
- CB2100 Introduction to Financial Accounting#
- CB2300 Management#
- CB2500 Information Management#
- CB2601 Marketing#

# Courses will be offered by the College of Business from Semester A, 2015-16.

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 22 June 2015