

<b>GRADUATION REQUIREMENTS FOR COHORT 2017/2018</b>	<b>MC</b>
<b>UNIVERSITY LEVEL REQUIREMENTS</b>	<b>20</b>
General Education Modules (GE) (5 Modules, each of 4MCs) <ul style="list-style-type: none"> <li>• Human and Cultures (H&amp;C)</li> <li>• GER1000 Quantitative Reasoning (QR),</li> <li>• Thinking and Expression (T&amp;E)</li> <li>• Singapore Studies (SS)</li> <li>• Asking Questions (AQ)</li> </ul>	
<b>UNRESTRICTED ELECTIVE MODULES</b>	<b>32</b>
<b>PROGRAMME REQUIREMENTS:</b>	
<b>Faculty Requirements</b>	<b>6</b>
ES1531 Critical Thinking & Writing	4
EG2401 Engineering Professionalism	2
English*	
<b>Foundation Requirements</b>	<b>26</b>
CS1010E Programming Methodology	4
MA1511 Engineering Calculus	2
MA1512 Differential Equations for Engineering	2
MA1513 Linear Algebra with Differential Equations	2
PC1432 Physics IIE	4
BN1101 Engineering Principles and Practice I	6
BN1102 Engineering Principles and Practice II	6
<b>BME Major Requirements</b>	<b>38</b>
CM1501 Organic Chemistry for Engineers	4
BN2301 Biochemistry and Biomaterials for Bioengineers	4
BN2102 Bioengineering Data Analysis	4
BN2201 Quantitative Physiology for Bioengineers	4
BN2202 Introduction to Biotransport	4
BN2204 Fundamentals of Biomechanics	4
BN2403 Fundamentals of Biosignals Processing and Bioinstrumentation	4
EG3611a Industrial Attachment	10

<b>BME Design and Project Modules</b>	<b>14</b>
BN3101 Biomedical Engineering Design	6
BN4101 B.Eng. Dissertation	8
<b>Technical Electives</b>	<b>16</b>
<b>Pathway Electives</b>	<b>8</b>
	<b><i>TOTAL</i></b>
	<b><i>160</i></b>

**Note: Please make sure that you do not exceed the maximum 60MCs of level 1000 modules.**