

<b>GRADUATION REQUIREMENTS FOR COHORT 2015/2016</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>• 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>16</b>
<b>PROGRAMME REQUIREMENTS:</b>	
<b>Faculty Requirements</b>	<b>10</b>
GEK1549 Critical Reading & Writing (can be read as GEM) and ES2331 Communicating Engineering	4
HR2002 Human Capital in Organizations	3
EG2401 Engineering Professionalism	3
English*	
<b>Foundation Requirements</b>	<b>28</b>
CS1010E Programming Methodology	4
BN2402 Fundamentals of Bioinstrumentation	4
BN2204 Fundamentals of Biomechanics	4
MA1505 Mathematics I	4
MA1506 Mathematics II	4
PC1431 Physics IE	4
PC1432 Physics IIE	4
<b>BME Major Requirements</b>	<b>40</b>
BN2102-Bioengineering Data Analysis	4
BN2201-Quantitative Physiology for Bioengineers	4
BN2202-Introduction to Biotransport	4
BN2401-Biosignals Processing	4

BN3301-Introduction to Biomaterials	4
CM1501-Organic Chemistry for Engineers	4
LSM1401-Fundamentals of Biochemistry	4
EG3601 Industrial Attachment	12
<b>BME Design and Project Modules</b>	<b>16</b>
BN2103-Bioengineering Design Workshop	2
BN3101-Biomedical Engineering Design	6
BN4101-B.Eng. Dissertation	8
<b>Technical Electives</b>	<b>32</b>
<b>TOTAL</b>	<b>162</b>