GRADUATION REQUIREMENTS FOR COHORT 2018/2019	MC
UNIVERSITY LEVEL REQUIREMENTS	**20**
General Education Modules (GE) (5 Modules, each of 4MCs) • Human and Cultures (H&C) • GER1000 Quantitative Reasoning (QR), • Thinking and Expression (T&E) • Singapore Studies (SS) • Asking Questions (AQ)	
UNRESTRICTED ELECTIVE MODULES	**32**
PROGRAMME REQUIREMENTS:	
Faculty Requirements	**6**
ES1531 Critical Thinking & Writing	4
EG2401A Engineering Professionalism	2
English*	
Foundation Requirements	**26**
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
BME Major Requirements	**38**
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

BME Design and Project Modules	**14**
BN3101 Biomedical Engineering Design	6
BN4101 B.Eng. Dissertation	8
Technical Electives	**16**
Pathway Electives	**8**
TOTAL	*160*

Note: Please make sure that you do not exceed the <u>maximum 60MCs of level 1000</u> modules.