

GRADUATION REQUIREMENTS FOR COHORT 2016/2017	MC
UNIVERSITY LEVEL REQUIREMENTS	20
General Education Modules (GE) (5 Modules, each of 4MCs) <ul style="list-style-type: none"> • Human and Cultures (H&C) • GER1000 Quantitative Reasoning (QR), • Thinking and Expression (T&E) • Singapore Studies (SS) • Asking Questions (AQ) 	
UNRESTRICTED ELECTIVE MODULES	16
PROGRAMME REQUIREMENTS:	
Faculty Requirements	11
ES1531 Critical Thinking & Writing	4
ES2331 Communicating Engineering	4
EG2401 Engineering Professionalism	3
English*	
Foundation Requirements	28
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
BME Major Requirements	40
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
EG3611 Industrial Attachment	12
BME Design and Project Modules	16
BN2103-Bioengineering Design Workshop	2
BN3101-Biomedical Engineering Design	6
BN4101-B.Eng. Dissertation	8
Technical Electives	32
TOTAL	163