GRADUATION REQUIREMENTS FOR COHORT 2013/2014	MC
UNIVERSITY LEVEL REQUIREMENTS	**20**
General Education Modules (GEMs)	8
Singapore Studies module	4
Breadth Modules outside Student's Faculty	8
UNRESTRICTED ELECTIVE MODULES	**16**
PROGRAMME REQUIREMENTS:	
Faculty Requirements	**10**
EG1413 Critical Thinking & Writing	4
EG2401 Engineering Professionalism	3
HR2002 Human Capital in Organizations	3
English*	
Foundation Requirements	**27**
CS1010E Programming Methodology	4
EG1108 Electrical & Computer Engineering	3
EG1109 Statics & Mechanics of Materials	4
MA1505 Mathematics I	4
MA1506 Mathematics II	4
PC1431 Physics IE	4
PC1432 Physics IIE	4
BME Major Requirements	**48**
BN2101-Principles of Bioengineering	4
BN2102 Bioengineering Data Analysis	4
BN2201 Quantitative Physiology for Bioengineers	4
BN2202 Introduction to Biotransport	4
BN2401 Biosignals Processing	4
BN3201 Introduction to Biomechanics	4
BN3301 Introduction to Biomaterials	4

BN3401 Biomedical Electronics & Systems	4
BN3501 Equilibrium & Kinetic Bioprocesses	4
CM1501 Organic Chemistry for Engineers	4
LSM1401 Fundamentals of Biochemistry	4
LSM2103 Cell Biology	4
BME Design and Project Modules	**24**
BN2103 Bioengineering Design Workshop	2
BN2203 Introduction to Bioengrg Design	4
BN3101 Biomedical Engineering Design	6
BN4101R B.Eng. Dissertation	12
Technical Electives	**16**
TOTAL	***161***