

**Engineering Pathways for B. Eng. (Biomedical Engineering) students
admitted in AY2016/2017**

R/P	iDCP	PPP
BME Foundation and Major Requirements (56MC) MA1505, MA1506, CS1010E, PC1431, PC1432, BN2402, BN2204, CM1501, LSM1401, BN2102, BN2201, BN2202, BN2401, BN3301	BME Foundation and Major Requirements (56MC) MA1505, MA1506, CS1010E, PC1431, PC1432, BN2402, BN2204, CM1501, LSM1401, BN2102, BN2201, BN2202, BN2401, BN3301	BME Foundation and Major Requirements (56MC) MA1505, MA1506, CS1010E, PC1431, PC1432, BN2402, BN2204, CM1501, LSM1401, BN2102, BN2201, BN2202, BN2401, BN3301
Design Modules (8MC) BN2103, BN3101	Design Modules (22MC) BN2103 (2 MC), EG2201A* Introduction to Design Thinking (4 MC), EG2301** Case Studies in Engineering (4 MC), EG3301R Design Project (12MC)	Design Modules (8MC) BN2103, BN3101
Internship (12 MC) EG3611	Internship (6 MC) EG3612	Internship (12 MC) EG3611
Six Technical Electives(24 MC)	Five Technical Electives(20 MC)	Six Technical Electives(24 MC)
Pathway Requirement- Two 5000 Technical Electives (8 MC)	Innovation and Enterprise Electives (3 x 4 MC)	Pathway Requirements(8 MC)
B. Eng. Dissertation (8 MC)	EG4301 DCP Dissertation (12 MC)	B. Eng. Dissertation (8 MC)
Faculty requirement (11 MC) ES1531, ES2331, EG2401	Faculty requirement (11 MC) ES1531, ES2331, EG2401	Faculty requirement (11 MC) ES1531, ES2331, EG2401
General Education (20 MC)	General Education (20 MC)	General Education (20 MC)
UEM (16 MC)	UEM (4 MC)	UEM (16 MC)
Total = 163 MC	Total = 163 MC	Total = 163 MC

* EG2201A can be replaced by EG1310

** EG2301 can be replaced by EG2311 / EG2312 / EG2606B