1st Year Engineering

S1	ENGR101 Foundations of Engineering	EMTH118 Engineering Mathematics 1A	PHYS101 Engineering Physics A	CHEM111 Chemical Principles and Processes
S2	ENGR102 Engineering Mechanics	EMTH119 Engineering Mathematics 1B	COSC 131 Introduction to Programming for Engineers	

EMTH210 Engineering Mathematics 2

ENME221 Engineering Design and Manufacture

ENME199 Workshop Training Course for Mechanical and Mechatronics Engineering

3rd Year Engineering

S1	ENME301 Engineering Design and Production Management	ENME303 Controls and Vibrations	ENME307 Performance of Engineering Materials	ENME314 Fluid Mechanics
S2	ENME302 Computational and Applied Mechanical Analysis	ENME311 Mechanical Engineering Design	ENME315 Heat Transfer	ENME313 Electro Technology for Mechanical Engineers

4th Year Engineering

S1	ENME 408 Honours R&D Project	ENME 401 Mechanical Systems Design	ELECTIVE 1	ELECTIVE 2
S2		ENME 418 Engineering Management and Professional Practice for Mechanical Engineers	ELECTIVE 3	ELECTIVE 4

CONTROLS AND ROBOTICS
ENME403 Linear Systems, Controls and System Identification (S1)
Energy Systems Engineering (^n)

Final Year Electives

DESIGN AND MANUFACTURING
ENME492 Industry 4.0 Intelligent Manufacturing (S1)
ENME406 Eng Product Design & Analysis (S2)
ENME411 Advanced Mech System Design (S2)

BIOMEDICAL ENGINEERING
MDPH401 Anatomy and Physiology (S1)
MDPH406 Medical Imaging (S2)
ENME451 Biomechanics (S2)