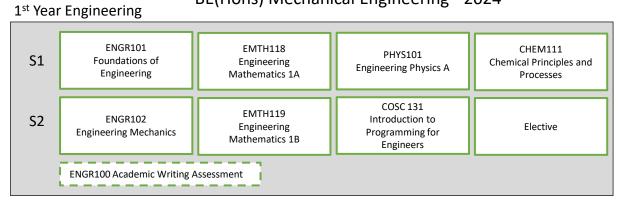
BE(Hons) Mechanical Engineering - 2024



2nd Year Engineering

S1	ENME201 Design Communication	ENME202 Stress, Strain and Deformation in Machine Elements	ENME215 Engineering Thermodynamics	EMTH210 Engineering Mathematics 2				
S2	ENME203 Dynamics and Vibrations	ENME207 Materials Science and Engineering	ENME221 Engineering Design and Manufacture	EMTH271 Mathematical Modelling and Computation 2				
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	ENME 401 Mechanical Systems Design	ELECTIVE 1	ELECTIVE 2					
S2	Honours R&D Project	ENME 418 Engineering Management and Professional Practice for Mechanical Engineers	ELECTIVE 3	ELECTIVE 4					
CONTROLS AND ROBOTICS ENME403 Linear Systems Control and System Identification (S1) ENME423 Instrumentation and Sensors (S1) ENMT482 Robotics (S2) MATERIALS ENGINEERING ENME407 Advanced Materials Science and Engineering (S1) ENME417 Adv Composite, Polymeric and Ceramic Materials (S2) ENME405 Energy Systems Engineering (**) SPECIAL TOPICS - 2024 ENME452 Computational Materials Engineering(S1) ENME422 Aerospace Structures (S1) ENME488 Mechanics of Flight and Spaceflight (S2) DYNAMICS, VIBRATIONS AND ACOUSTICS ENME412 Advanced Vibrations (S1) ENME405 Energy Systems Engineering (**)									
THERMO-FLUIDS-ENERGY ENGR401 Computational Fluid Mechanics (S1) ENME465 HVAC Engineering (S1) ENME404 Aero and Ground Vehicle Dynamics (S2) ENME460 Propulsion (S2) DESIGN AND MANUFACTURING ENME406 Eng Product Design & Analysis (S2) ENME411 Advanced Mech System Design (S2) BIOMEDICAL ENGINEERING BIOMEDICAL ENGINEERING MDPH401 Anatomy and Physiology (S1) MDPH406 Medical Imaging (S2) ENME411 Advanced Mech System Design (S2)									