

2023

Semester 1

COMPULSORY	DISCIPLINE	DISCIPLINE	DISCIPLINE
SCIE10005 Level 1 12.5 points Today's Science, Tomorrow's World Semester 2 Semester 1	MAST10006 Level 1 12.5 points Calculus 2 Summer Term Semester 2 Semester 1	PHYC10001 Level 1 12.5 points Physics 1: Advanced Semester 1	ENGR10004 Level 1 12.5 points Engineering Technology and Society Semester 1

Semester 2

DISCIPLINE	DISCIPLINE	DISCIPLINE	BREADTH
MAST10007 Level 1 12.5 points Linear Algebra Semester 2 Semester 1 Summer Term	ENGR10006 Level 1 12.5 points Engineering Modelling and Design Semester 2	PHYC10002 Level 1 12.5 points Physics 2: Advanced Semester 2	UNIB10022 Level 1 12.5 points Entrepreneurship Principles and Tools Semester 2 Semester 1

2024

Semester 1

DISCIPLINE	DISCIPLINE	DISCIPLINE	BREADTH
MAST20029 Level 2 12.5 points Engineering Mathematics Semester 1 Summer Term Semester 2	COMP20005 Level 2 12.5 points Intro. to Numerical Computation in C Semester 1 Semester 2	PHYC20012 Level 2 12.5 points Quantum and Thermal Physics Semester 1	MECM20012 Level 2 12.5 points Analysing Professional Communication Summer Term Semester 1

Semester 2

DISCIPLINE	DISCIPLINE	DISCIPLINE	DISCIPLINE
ELEN20005 Level 2 12.5 points Foundations of Electrical Networks Semester 1 Semester 2	ENGR20004 Level 2 12.5 points Engineering Mechanics Semester 2 Semester 1	PSYC20007 Level 2 12.5 points Cognitive Psychology Semester 2	MULT20015 Level 2 12.5 points Elements of Quantum Computing Semester 2

2025

Semester 1

MECHATRONICS ENGINEERING SYSTEMS, MAJOR	MECHATRONICS ENGINEERING SYSTEMS, MAJOR	DISCIPLINE	BREADTH
ELEN30014 Level 3 12.5 points Analog and Digital Electronics Concepts Semester 1	MCEN30020 Level 3 12.5 points Systems Modelling and Analysis Semester 2 Semester 1	ENGR30002 Level 3 12.5 points Fluid Mechanics Semester 1 Semester 2	GDES30002 Level 3 12.5 points Branding Semester 1

Semester 2

MECHATRONICS ENGINEERING SYSTEMS, MAJOR	MECHATRONICS ENGINEERING SYSTEMS, MAJOR	DISCIPLINE	BREADTH
ENGR30004 Level 3 12.5 points Numerical Algorithms in Engineering Semester 1 Semester 2	MCEN30021 Level 3 12.5 points Mechanical Systems Design Semester 1 Semester 2	MCEN30017 Level 3 12.5 points Mechanics & Materials Semester 2 Semester 1	MULT30024 Level 3 12.5 points Entrepreneurship for Sustainability Semester 2