Engineering

Bachelor of Engineering (Honours) (3707)

Mechanical & Manufacturing Engineering (MANFBH)

T1 Entry 2023 Sample Plan



Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

Information is correct as of 09.05.2023 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G



Engineering

NOTES

Bachelor of Engineering (Honours) (3707) <u>Mechanical & Manufacturing Engineering (MANFBH)</u> T2 Entry 2023 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 2	ENGG1811 <u>OR</u> COMP1911 <u>OR</u> COMP1511 Programming Fundamentals	Term 2	MMAN 1130 Design and Manuf acturing	Term 2	MANF3510 Process Technology and Automation	Term 2	MAN F4611 Process Modelling and Simulation
	PHYS1121 <u>OR</u> PHYS1131 (Higher) Physics 1A		MMAN 2300 Engineering Mechanics 2		DESN3000 Strategic Design Innovation		General Education Course
	MATH1131 <u>OR</u> MATH1141 (Higher) Mathematics 1A		ENGG2400 Mechanics of Solids 1		MMAN 3200 Linear Systems and Control		MMAN 4951 (4 UoC) Research Thesis A
Term 3	*Free Elective Course	Term 3	DESN2000 Engineering Design and Professional Practice	Term 3	MMAN 4400 Engineering Management	Term 3	Discipline Elective Course
	MATH1231 OR MATH1241 (Higher) Mathematics 1B		ENGG2500 Fluid Mechanics for Engineers		MATH2089 Numerical Methods and Statistics		Discipline
	ENGG1300 Engineering Mechanics				General Education Course		
Term 1	ELEC1111 Electrical Circuit Fundamentals	Term 1	MMAN 2700 Thermody namics	Term 1	MANF4100 Design and Analy sis of Product-Process Sy stems		
	MATH2018 <u>OR</u> MATH2019 Mathematics 2D (2E)		MECH3110 Mechanical Design 1		MANF4430 Reliability and Maintenance Engineering		
	DESN1000 Engineering Design and Innovation				Free Elective Course		

Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. *MATS1110 is recommended Free Elective Course to be attempted during year 1.

Information is correct as of 09.05.2023 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G