Engineering

Bachelor of Engineering (Honours) (3707)

Aerospace Engineering (AEROAH)

T1 Entry 2025 Sample Plan

Year 1	
Term 1	Engineering Design and Innovation
	Physics 1A OR Higher Physics 1A
	Mathematics 1A OR Higher Mathematics 1A
	Fluid Mechanics for Engineers
	Engineering Mechanics 2

Term 1	Aerospace Structures
	Aerodynamics
	Flight Performance and Propulsion
Term 2	Aerospace Design 1
	Strategic Design Innovation
	Linear Systems and Control
Term 3	

Term 1	(4 UoC) Research Thesis A
	Dynamics of Aerospace Vehicles, Systems & Avionics
Term 2	(4 UoC) Research Thesis B
Term 3	(4 UoC) Research Thesis C
	Aerospace Design 2

Information is correct as of October 2024 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

Engineering

Bachelor of Engineering (Honours) (3707)

Aerospace Engineering (AEROAH)

Term 2	Physics 1A OR Higher Physics 1A	Design and Manufacturing	Aerospace Design 1	(4 UoC) Research Thesis A
	Mathematics 1A	Mechanics of Solids 1	Strategic Design Innovation	
	Computing for Engineers OR Programming Fundamentals OR Computing 1A		Linear Systems and Control	
Term 3	Engineering Design and Innovation	Engineering Design & Professional Practice		(4 UoC) Research Thesis B
	Mathematics 1B	Fluid Mechanics for Engineers		Aerospace Design 2
	Engineering Mechanics	Engineering Mechanics 2		
Term 1	Electrical Circuit and Fundamentals	Numerical Methods and Statistics	Aerospace Structures	(4 UoC) Research Thesis C
	OR Engineering Mathematics 2E Engineering Mathematics 2D	Thermodynamics	Aerodynamics	Dynamics of Aerospace Vehicles, Systems & Avionics
			Flight Performance and Propulsion	

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