

Bachelor Engineering (Honours) - 3707 - Aerospace Engineering - AEROAH - T1 2026 Start

Program: Engineering (Honours) [3707]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
DESN1000 Introduction to Engineering Design and Innovation		6
<i>MATH1131 or MATH1141</i>		6
<i>PHYS1121 or PHYS1131</i>		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
MMAN1130 Design and Manufacturing		6
<i>MATH1231 or MATH1241</i>		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
ELEC1111 Electrical Circuit Fundamentals		6
ENGG1300 Engineering Mechanics		6
<i>ENGG1811 or COMP1911 or COMP1511</i>		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
MATH2019 Engineering Mathematics 2E		6
MATH2089 Numerical Methods and Statistics		6
MMAN2700 Thermodynamics		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
ENGG2400 Mechanics of Solids 1	ENGG1300	6
<i>General Education</i>		6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
DESN2000 Engineering Design and Professional Practice	DESN1000, MMAN1130	6
ENGG2500 Fluid Mechanics for Engineers		6

MMAN2300 Engineering Mechanics 2	ENGG1300, MATH2019	6
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Year 3 Term 1

Course or Activity	Prerequisites	Credits
AERO3410 Aerospace Structures	ENGG2400	6
AERO3630 Aerodynamics	ENGG2500, MMAN2700	6
AERO3660 Flight Performance and Propulsion	ENGG1300, ENGG2500, MMAN2700	6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
AERO3110 Aerospace Design 1	ENGG2400, DESN2000	6
DESN3000 Strategic Design Innovation	DESN1000, DESN2000	6
MMAN3200 Linear Systems and Control	MMAN2300, ELEC1111	6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
<i>General Education</i>		6
<i>Free Electives</i>		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
AERO4620 Dynamics of Aerospace Vehicles, Systems and Avionics	AERO3660, MMAN3200	6
MMAN4951 Thesis A		4
<i>Recommended Discipline Electives</i>		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
MMAN4952 Thesis B	MMAN4951	4
<i>Discipline Electives</i>		6
<i>Discipline Electives</i>		6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
AERO4110 Aerospace Design 2	AERO3660, AERO3110, AERO3410, AERO3630, MMAN3200	6
ENGG4999 Industrial Training		0
MMAN4953 Thesis C	MMAN4952	4
<i>Free Electives</i>		6