#### **Engineering**

## Bachelor of Engineering (Honours) (3707)

# Mechanical Engineering (MECHAH)

## T1 Entry 2025 Sample Plan



Term 1	Engineering Design and Innovation		Engineering Mathematics 2E OR Engineering Mathematics 2D		Mechanical Design 1		(4 UoC) Research Thesis A
	Physics 1A <u>OR</u> (Higher) Physics 1A	Term 1	Numerical Methods and Statistics	Term 1	Mechanics of Solids 2		
	Mathematics 1A <u>OR</u> Higher Mathematics 1A						
Term 2	Mathematics 1B <u>OR</u> Higher Mathematics 1B		Engineering Mechanics 2				(4 UoC) Research Thesis B
	Design and Manufacturing	Term 2	Mechanics of Solids 1	Term 2		Term 2	Mechanical Design 2
	Computing for Engineers <u>OR</u> Programming Fundamentals <u>OR</u> Computing 1A	_					
	Engineering Mechanics		Term Engineering Design & Professional Practice				(4 UoC) Research Thesis C
Term 3	Electrical Circuit Fundamentals	Term 3	Fluid Mechanics for Engineers			Term 3	
			Thermodynamics				

Compulsory Training Component: There is a program requirement of 60 days approved <a href="Industrial Training">Industrial Training</a> ENGG4999

\*MATS1110 is recommended Free Elective Course to be attempted during year 1. At least 18 UOC of discipline electives must be chosen from the "recommended elective list" in the handbook.

### Engineering



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Term 2							

### Engineering



Term 3	Engineering Design and Innovation		Engineering Design & Professional Practice	
	Mathematics 1A <u>OR</u> Higher Mathematics 1A	Term 3	Engineering Mechanics	
	Physics 1A <u>OR</u> Higher Physics 1A		Fluid Mechanics for Engineers	
_	Electrical Circuit Fundamentals		Engineering Mathematics 2E <u>OR</u> Engineering Mathematics 2D	
Term 1	Mathematics 1B <u>OR</u> Higher Mathematics 1B	Term 1	Numerical Methods and Statistics	
	Thermodynamics			
	Design and Manufacturing		Engineering Mechanics 2	
Term 2	Computing for Engineers <u>OR</u> Programming Fundamentals <u>OR</u> Computing 1A	Term 2	Mechanics of Solids 1	