

# Bachelor of Engineering (Honours) (3707)

## Mechanical Engineering (MECHAH)

### T1 Entry 2023 Sample Plan



| Year 1 |   | Year 2 |   | Year 3 |   | Year 4 |   |
|--------|---|--------|---|--------|---|--------|---|
| Term 1 | <b>DESN1000</b><br>Engineering Design and Innovation                | Term 1 | <b>MATH2018 OR MATH2019</b><br>Mathematics 2D (2E)  | Term 3 | <b>MECH3610</b><br>Advanced Thermofluids      | Term 1 | <b>Discipline Elective Course</b>             |
|        | <b>PHYS1121 OR PHYS1131</b> (Higher)<br>Physics 1A                  |        | <b>MATH2089</b><br>Numerical Methods and Statistics |        |   |        | <b>General Education Course</b>               |
|        | <b>MATH1131 OR MATH1141</b> (Higher)<br>Mathematics 1A              |        | <b>MMAN2700</b><br>Thermodynamics                   |        |   |        | <b>MMAN4951 (4 UoC)</b><br>Research Thesis A  |
| Term 2 | <b>MATH1231 OR MATH1241</b> (Higher)<br>Mathematics 1B              | Term 2 | <b>MMAN2300</b><br>Engineering Mechanics 2          | Term 2 | <b>MMAN3200</b><br>Linear Systems and Control | Term 2 | <b>MECH4100</b><br>Mechanical Design 2        |
|        | <b>MMAN1130</b><br>Design and Manufacturing                         |        | <b>ENGG2400</b><br>Mechanics of Solids 1            |        |   |        | <b>Recommended Discipline Elective Course</b> |
| Term 3 | <b>ENGG1811 OR COMP1911 OR COMP1511</b><br>Programming Fundamentals | Term 3 |   | Term 3 | <b>General Education Course</b>               | Term 3 | <b>MMAN4952 (4 UoC)</b><br>Research Thesis B  |
|        | <b>ENGG1300</b><br>Engineering Mechanics                            |        |   |        |   |        | <b>Recommended Discipline Elective Course</b> |
|        | <b>ELEC1111</b><br>Electrical Circuit Fundamentals                  |        |   |        |   |        | <b>MMAN4953 (4 UoC)</b><br>Research Thesis C  |
|        | <b>*Free Elective Course</b>  |        |   |        |   |        |   |

|              |   |
|--------------|---|
| <b>NOTES</b> | Compulsory Training Component: There is a program requirement of 60 days approved <a href="#">Industrial Training</a> ENGG4999  |
|              | <b>This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.</b><br><b>*MATS1110 is recommended Free Elective Course to be attempted during year 1.</b> |
|              | <b>At least 18 UOC of discipline electives must be chosen from the "recommended elective list".</b>   |

Engineering

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## Mechanical Engineering (MECHAH)

### T2 Entry 2023 Sample Plan



NOTES

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999

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**\*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".**

Engineering

# Bachelor of Engineering (Honours) (3707)

## [Mechanical Engineering \(MECHAH\)](#)

### T3 Entry 2023 Sample Plan



**NOTES**

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.**