

PROGRAM PLAN

MASTER OF PROFESSIONAL ENGINEERING (MECHANICAL)

PROGRAM OPTION:
PATHWAY C (80 units)

START DATE:
Semester 1 & 2 2019 - 2020

LOCATION:
Callaghan

This program plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek advice from your Program Advisor to ensure you remain on track.

 [PROGRAM HANDBOOK](#)

 [COURSE HANDBOOK](#)

NAME:

STUDENT NO.:

COURSE STATUS KEY

C = Completed

En = Enrolled

NS = Not Started

COMMENCING IN SEMESTER 1

YEAR 1	SEM 1	DIRECTED <i>Please note, this can be studied in any term</i>	MECH6110 Mechanical Design Project CORE	MECH6410 Advanced Mechanics of Solids and FEA CORE	MECH6840 MPE Thesis CORE	SEM 2	MECH6480 Advanced Fluid Mechanics and CFD CORE	DIRECTED <i>Please note, this can be studied in any term</i>	DIRECTED <i>Please note, this can be studied in any term</i>	ELECTIVE <i>This can be taken in any term, including summer or winter</i>

COMMENCING IN SEMESTER 2

YEAR 2	SEM 1	DIRECTED <i>Please note, this can be studied in any term</i>	MECH6110 Mechanical Design Project CORE	MECH6410 Advanced Mechanics of Solids and FEA CORE	MECH6840 MPE Thesis CORE	YEAR 1	SEM 2	MECH6480 Advanced Fluid Mechanics and CFD CORE	DIRECTED <i>Please note, this can be studied in any term</i>	DIRECTED <i>Please note, this can be studied in any term</i>	ELECTIVE <i>This can be taken in any term, including summer or winter</i>

Pathway C directed courses

Please see the [program handbook](#) for the most up-to-date information

Complete 20 units from:

- [MCHA6100](#) Advanced Estimation
- [MCHA6300](#) Real-time Optimisation for Embedded Systems
- [MCHA6500](#) Mechatronics Design
- [MECH6130](#) Mechanics of Bulk Solids and Particulates
- [MECH6200](#) Computer Aided Engineering and Manufacturing
- [MECH6250](#) Bulk Materials Handling and Transportation
- [MECH6760](#) Renewable Energy Conversion

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To be eligible to graduate make sure you have completed 80 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- Core courses – 40 units
- [Directed courses](#) – 30 units
- Electives – 10 units. Visit the [Course Handbook](#) for more information. This elective must be at the [6000 level](#)
- The above enrolment pattern complies with the conditions of international student visas. Failing to follow this enrolment advice may result in international students not being able to graduate within the period of their Confirmation of Enrolment
- The duration of this program is 1 year full time (40 units per semester) or part time equivalent
- The maximum time to complete this program is 4 years



Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#). Please refer to the [Program Handbook](#) for specific information on program structure. If you are intending varying from this program plan please seek advice from your [Program Advisor](#).