

PROGRAM PLAN

MASTER OF MATERIALS SCIENCE AND ENGINEERING

PROGRAM OPTION:
Full time or Part time

START DATE:
Semester 1, 2020-2021

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 Academic 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

NO SPECIALISATION

YEAR 1	SEMESTER 1	ENGG3500 Managing Engineering Practice	MATS6001 Fundamentals of Materials Synthesis and Processing	MATS6002 Materials Characterisation Techniques	MATS6003 Industry Seminar
		CORE	CORE	CORE	CORE

YEAR 2	SEMESTER 2	ENGG6500 Engineering Complexity	MATS6004 Multifunctional Advanced Nanomaterials	MATS6005 Applications of Nanomaterials: Energy and Environmental	MATS6006 Biomedical Applications of Nanomaterials
		CORE	CORE	CORE	CORE

YEAR 2	SEMESTER 1	ELECTIVE 6000 level	ELECTIVE 6000 level	MATS6700A* Materials Research A
		CORE	CORE	CORE

YEAR 2	SEMESTER 2	ELECTIVE 6000 level	ELECTIVE 6000 level	MATS6700B* Materials Research B
		CORE	CORE	CORE

RESEARCH SPECIALISATION

YEAR 1	SEMESTER 1	ENGG3500 Managing Engineering Practice	MATS6001 Fundamentals of Materials Synthesis and Processing	MATS6002 Materials Characterisation Techniques	MATS6003 Industry Seminar
		CORE	CORE	CORE	CORE

YEAR 2	SEMESTER 2	ENGG6500 Engineering Complexity	MATS6004 Multifunctional Advanced Nanomaterials	MATS6005 Applications of Nanomaterials: Energy and Environmental	MATS6006 Biomedical Applications of Nanomaterials
		CORE	CORE	CORE	CORE

YEAR 2	SEMESTER 1	MATS6800A** Advanced Materials Research A
		CORE

YEAR 2	SEMESTER 2	MATS6800B** Advanced Materials Research B
		CORE

PROGRAM PLAN

MASTER OF MATERIALS SCIENCE AND ENGINEERING

To be eligible to graduate make sure you have completed 160 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

No Specialisation

- Core courses – 120 units
- Elective Pathway – 40 units at **6000 level**, visit the [Program Handbook](#) for more information.
 - * MATS6700A *Materials Research A* and MATS6700B *Materials Research B* are a multi-term sequence of courses which must be completed in consecutive semesters. Students must successfully complete Part A before attempting Part B. Students must successfully complete both Part A and Part B to meet the requirements of the multi-term sequence.
- The duration of this program is 2 year full-time (40 units per semester) or part-time equivalent.
- The maximum time to complete this program is 6 years.
- 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 (CoE).

Research Specialisation

- Core courses – 160 units
 - ** MATS6800A *Advanced Materials Research A* and MATS6800B *Advanced Materials Research B* are a multi-term sequence of courses which must be completed in consecutive semesters. Students must successfully complete Part A before attempting Part B. Students must successfully complete both Part A and Part B to meet the requirements of the multi-term sequence.
- The duration of this program is 2 year full-time (40 units per semester) or part-time equivalent.
- The maximum time to complete this program is 6 years.
- 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 (CoE).



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 [Academic Program Advisor](#).