

## Course enrolment planner

# Master of Engineering Science MA-ENGSC Advanced Manufacturing Specialisation

### Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However this can be amended depending on unit availability, prerequisite requirements and the semester in which you commenced your course. Changes to this planner may extend the duration of your course.

## Year One

### Your First Semester

<b>ADM80010</b> Advanced CAD/CAM	+12.5
<b>ADM80012</b> Technology Management	+12.5
<b>ADM80013 *</b> Advanced Manufacturing Processes	+12.5
<b>Choose one of:</b> <b>MEE80003</b> Introduction to Industry 4.0 <b>MME80001</b> Resource Planning and Management <b>MME80003</b> Maintenance Management of Buildings and Engineering	+12.5

### Your Second Semester

<b>CSM80006</b> Engineering Project Management	+12.5
<b>ADM80015 *</b> Computer modelling analysis and visualisation	+12.5
<b>ADM80020 *</b> Additive Manufacturing and Tooling Project	+25

## Year Two

### Your First Semester

<b>ICT80011</b> Research Methods	+12.5
<b>ADM80001</b> Nanofabrication Technologies	+12.5
<b>ADM80007</b> Surface Engineering	+12.5
<b>ADM80011</b> Robotics in Manufacturing	+12.5

### Your Second Semester

<b>EAT80003</b> Professional Practice in Engineering	+0
<b>ENG80002</b> Engineering Master Major Thesis	+50

### Other Option Specialisation units to choose

<b>ADM80002</b> Work Systems in Manufacturing	+12.5
<b>ADM80014</b> Intelligent Inspection Systems	+12.5
<b>MEE80002</b> Sustainability and Life Cycle Engineering	+12.5

### How to use your course planner

The units in your planner are colour coded to assist you with mapping out your studies. Refer to the boxes below for an overview of your course requirements.

### Course Information

200 Credit Points

#### Core units

75 Credit points

A set of compulsory units you **MUST** complete as part of your Course.

#### Specialisation units

125 Credit points

\* Core Specialisation units

### FAQs

#### How can I find out more about my course?

Visit: [Master of Engineering Science](#)

#### Where can I find out more about individual unit information?

Visit the [Single Unit Search](#) page to search for additional unit content.

#### What's a full-time study load?

100 credit points (8 units per year)

#### What's a part-time study load?

50 credit points (4 units per year)

#### How can I plan my timetable?

Check the [University Timetable Planner](#) before enrolling into units.

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