

Master of Professional Engineering (Computer Systems)



Commencing in Semester 2 2017, 2018, 2019



Studying at 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 prior advice from your [Program Advisor](#) to ensure you remain on track.

ONE YEAR PROGRAM

Semester 2 2018

DIRECTED	ELECTIVE	ELECTIVE	ELECTIVE
--------------------------	--------------------------	--------------------------	--------------------------

Semester 1 2019

ELEC6840 MPE Thesis (20 units)	DIRECTED	ELECTIVE
--	--------------------------	--------------------------

TWO YEAR PROGRAM

Semester 2 2018

ENGG6500 Engineering Complexity	DIRECTED	DIRECTED	ELECTIVE
--	--------------------------	--------------------------	--------------------------

Semester 1 2019

ENGG3500 Managing Engineering Projects	DIRECTED	DIRECTED	ELECTIVE
---	--------------------------	--------------------------	--------------------------

Semester 2 2019

ELEC6840A Final Year Project A	DIRECTED	DIRECTED	ELECTIVE
---	--------------------------	--------------------------	--------------------------

Semester 1 2020

ELEC6840B Final Year Project B (20 units)	DIRECTED	ELECTIVE
---	--------------------------	--------------------------

Program Plan Key:

= Core

= Directed

= Elective

Master of Professional Engineering (Computer Systems) - Directed Courses

One Year Program

Choose **20 units** of Directed Courses

COMP6360	Data Security
COMP6380	Machine Intelligence
ELEC6210	Electronics Design
ELEC6400	Signal Processing
ELEC6550	Wireless Communication
ELEC6700	Advanced Computer Systems
SENG6051	Web Technologies
SENG6120	Data Structures
SENG6350	Systems Analysis and Design

Two Year Program

Choose **70 units** of Directed Courses with:

A maximum of **10 units** at 3000 level and

60 units at 4000 level; and

A minimum of **40 units** at 6000 level

COMP6240	Operating Systems
COMP6360	Data Security
COMP6380	Machine Intelligence
ELEC2720	Introduction to Embedded Computing
ELEC3500	Telecommunication Networks
ELEC3540	Analog and Digital Communications
ELEC3730	Digital and Computer Electronics 2
ELEC4720	Programmable Logic Design
ELEC6210	Electronics Design
ELEC6400	Signal Processing
ELEC6550	Wireless Communication
ELEC6700	Advanced Computer Systems
ENGG6200	Project/Directed Reading
SENG6051	Web Technologies
SENG6120	Data Structures
SENG6350	Systems Analysis and Design
SENG6400	Network and Distributed Computing

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

- ✓ Students eligible to complete a one year program will be advised upon admission to the program
- ✓ Core courses - 20 units.
- ✓ Directed courses - 20 units
- ✓ Elective courses - 40 units (must be completed at 6000 level)
- ✓ The duration of this program is one year full-time or part-time equivalent
- ✓ The maximum time to complete this program is 4 years

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

- ✓ Core courses - 50 units.
- ✓ Directed courses - 70 units (maximum 10 units at 3000 level, maximum 60 units at 4000 level, minimum 40 units at 6000 level)
- ✓ Elective courses - 40 units (must be completed at 6000 level)
- ✓ ELEC6840A and ELEC6840B contribute to a multi-term sequence and must be completed in consecutive terms within a 12 month period. Students must complete Part A before Part B. If they complete Part A and are unable to complete Part B within the timeframe, they must re-complete Part A
- ✓ The duration of this program is two years full-time or part-time equivalent
- ✓ The maximum time to complete this program is 6 years



Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#).

The [Program Handbook](#) has valuable information on program structure and requirements, if you are intending on studying part time or varying from this program plan please seek prior advice from your [Program Advisor](#).

Helpful Hints & Tips

ENROLMENT HELP



Need help? >>
Ask UON >>



How do I use the Web Timetable? >>

RULES

It is important to follow this Program Plan.
You cannot repeat a course you've passed to try and get a better grade.
You cannot enrol in any extra courses not required by your program >>

INFO FOR NEW STUDENTS



First year undergraduate students usually only enrol in 1000 level courses >>

New Postgraduate students should only enrol in 6000 level courses >>



Find out all you need to know about getting started at uni >>

UNDERSTANDING COURSES & PROGRAMS



Not sure what courses to study? >>



Understanding program and course jargon >>



Understanding UON Jargon >>

PRIOR STUDY



Check you have met the assumed knowledge and requisites for courses before enrolling >>



Have you studied elsewhere or transferred programs? Don't forget to apply for credit >>

CONSIDERING A BREAK?



Need to take a break? This is called a 'leave of absence'. Check if you are eligible >>



Planning on going overseas? Keep electives free, so it's easier for you to receive credit for your overseas studies >>



UON offers a range of support services to assist with your health and wellbeing >>

MORE QUESTIONS?

We are here to answer questions about your program. Talk to us your way!

- Ask UON
- 1300 ASK UON
- Visit a Student Hub
- Message us on Facebook
- or Twitter
- UONline via myUON