

Bachelor of Computer Science

SOFTWARE DEVELOPMENT MAJOR



Commencing in Semester 2 2017 to 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.

Semester 1

Year 1

COMP1010 Computing Fundamentals	SENG1120 Data Structures	DIRECTED	ELECTIVE
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Year 2

SENG2130 System Analysis and Design	SENG2200 Programming Languages and Paradigms	DIRECTED	ELECTIVE
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Year 3

COMP2270 Theory of Computation	COMP3851B Computer Science Work Integrated Learning Project Part B	INFT3100 Project Management	SENG3320 Software Verification and Validation
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Year 4

Semester 2

SENG1050 Web Technologies	SENG1110 Object Orientated Programming	MATH1510 Discrete Mathematics	MATH1110 * Mathematics for Engineering, Science & Technology 1
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COMP1140 Database and Information Management	COMP2230 Algorithms	COMP2240 Operating Systems	SENG2250 System and Network Security
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SENG2260 Human-Computer Interaction	ELEC3500 Telecommunications Networks	COMP3851A Computer Science Work Integrated Learning Project Part A	DIRECTED
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Program Plan Key:

= Core
 = Major
 = Elective

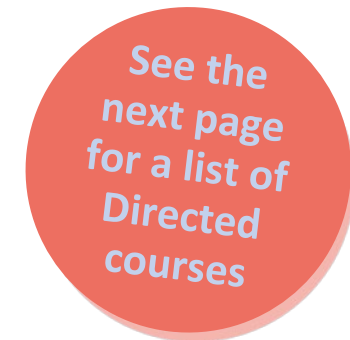
To be eligible to graduate make sure you have completed 240 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- ✓ Core courses - 160 units.
 - * MATH courses – Enrolment in maths courses is based on assumed knowledge. To find out which MATH courses you should enrol in please see the [Enrolling in Maths information](#). More information in your [Program Handbook](#).
- ✓ Compulsory courses - 30 units.
- ✓ Directed courses - 30 units.
- ✓ Elective courses - 20 units. Visit the [Course Handbook](#) to see a list of available Electives.
- ✓ No more than 100 units can be taken at 1000 level for this program.
- ✓ Students who perform well during the program with a credit average (GPA of 5.0) or greater, may apply for a further year of full time (or equivalent part time) study to obtain an Honours degree.
- ✓ The duration of this program is 3 years full time study (40 units per semester) or part time equivalent.
- ✓ The maximum time to complete this program is 8 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](#).



Bachelor of Computer Science - Software Development Major

Directed Courses

Subject to change - Please refer to the program handbook for up to date information.

Choose **30 units** from the following directed courses.

SENG2050	Web Engineering
INFT2150	Business Analysis
COMP3260	Data Security
COMP3320	Computer Graphics
COMP3350	Advanced Database
INFT3950	Games Design
INFT3960	Games Production

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 Student Central
- Message us on Facebook
- or Twitter
- UONline via myUON