

# Bachelor of Science

PATHWAY A – 80 UNIT MAJOR



Commencing in Semester 1 2019



Studying at Callaghan and Central Coast



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.

**Science Majors available in Pathway A:** ● Biology ● Biodiversity and Conservation ● Chemistry of Advanced Materials ● Environmental and Organic Chemistry ● Earth Sciences ● Geography ● Marine and Coastal Science ● Mathematics ● Medicinal and Organic Chemistry ● Statistics ● Sustainable Resource Management

## Semester 1

Year 1	<u>SCIE1001</u> Professional Scientific Thinking	<u>SCIE1002</u> Multidisciplinary Laboratories	<u>MAJOR</u>	<u>ELECTIVE**</u> 100/2000/3000 level
Year 2	<u>SCIE2001</u> Professional Employment Skills	<u>MAJOR</u>	<u>ELECTIVE**</u> 1000/2000/3000 level	<u>ELECTIVE**</u> 1000/2000/3000 level
Year 3	<u>SCIE3001A</u> Transdisciplinary Capstone: Planning and Implementing	<u>MAJOR</u>	<u>MAJOR</u>	<u>ELECTIVE**</u> 2000/3000 level

## Semester 2

<u>STAT1070</u> Statistics for the Sciences	<u>DIRECTED MATH*</u> 1000 level	<u>MAJOR</u>	<u>ELECTIVE**</u> 1000/2000/3000 level
<u>SCIE2002</u> Interdisciplinary Challenges	<u>MAJOR</u>	<u>ELECTIVE**</u> 2000/3000 level	<u>ELECTIVE**</u> 2000/3000 level
<u>SCIE3001B</u> Transdisciplinary Capstone: Implementing and Communicating	<u>MAJOR</u>	<u>MAJOR</u>	<u>ELECTIVE**</u> 2000/3000 level

**Program Plan Key:** = Core = Major = Directed = Elective

\* Students choose their MATH Directed course based on previous mathematical background. See the course descriptions for details.

\*\*Elective Options include: Science Elective Pathways or any unrestricted courses offered within the university.

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 - 80 units (including 10 units of MATH directed\*).
- ✓ Major - 80 units.
- ✓ Electives - 80 units - Choose from Science Elective Pathways or any unrestricted courses offered within the university. Refer to the Science Elective Pathway Documents located on the [Program Handbook](#) or visit the [Course Handbook](#) to see a list of available Electives.
- ✓ Students must complete a minimum of 40 units at all levels (1000, 2000, and 3000), and can complete a maximum of 100 units at 1000 level.
- ✓ 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](#)

\* Students choose their MATH Directed course based on previous mathematical background. See the [Enrolling in mathematics](#) - Maths Placement Test section of this page.



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 Student Central

 Message us on Facebook

 or Twitter

 UONline via myUON