# Bachelor of Teaching (Mathematics) (Honours)

## EXTENSION PATHWAY

**Commencing in Semester 1 2016 & 2017** **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.

See the last page for some helpful hints & tips!

THE UNIVERSITY OF NEWCASTLE AUSTRALIA

| | Semester 1 | | | | Semester 2 | | | |
|---|---|---|---|---|---|---|---|---|
| Year 1 | EDUC1038 Foundations of Secondary Education | STAT1070 Statistics for the Sciences | MATH2920 Thinking and Working Mathematically | MATH1210 Mathematical Discovery 1 | MATH1510 Discrete Mathematics | MATH1800 Mathematical Modelling | EDUC2103 Schooling, Identity and Society | MATH1220 Mathematical Discovery 2 |
| Year 2 | EDUC1101 Curriculum, Assessment and Pedagogy | EDUC2102 Educational Psychology: Learners and the Learning Process | EDUC2181 Managing the Learning Environment | EDUC2196 Quality Teaching and Student Learning 7-12 | EDUC1090 Specialist Studies in Mathematics 1 | EDUC2151 Multiliteracies | EDUC2190* Extended Studies in Mathematics I | MATH2310 Calculus of Science and Engineering |
| Year 3 | EDUC3026 Special Education | EDUC3090 Specialist Studies in Mathematics 2 | EDUC4940 Research Design and Critique | ELECTIVE* | MATH2320 Linear Algebra | ABOR3500 Aboriginal Education, Policies and Issues | EDUC3196 Quality Teaching, Equity and Diversity 7-12 | DIRECTED 3000 level |
| UNGRADED HONOURS PATHWAY | | | | | | | | |
| Year 4 | EDUC4105* Extended Studies in Mathematics 2 | EDUC4181 Ethical Teaching in Classrooms | DIRECTED 3000 level | ELECTIVE* | EDUC4196 Quality Teaching and Professional Practice 7-12 (20 units) | | ELECTIVE* | ELECTIVE* |
| GRADED HONOURS PATHWAY | | | | | | | | |
| Year 4 | EDUC4105 Extended Studies in Mathematics 2 | EDUC4181 Ethical Teaching in Classrooms | EDUC4965 Education Honours II: Research Design and Methods | DIRECTED 3000 level | EDUC4196 Quality Teaching and Professional Practice 7-12 (20 units) | | EDUC4990 Honours III: Project and Thesis (20 units) | |

**Program Plan Key:** = Core = Professional Placement = Compulsory = Directed = Elective

*Students have the option to use their Elective/Extension Specialist courses to meet a Second Teaching Area. Please contact your Program Advisor for further information.

To be eligible to graduate make sure you have completed 320 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- ✓ Core courses - 250 units including 30 units of professional placement.
- ✓ Compulsory - 20 units (Ungraded Honours only) or 50 units (Graded Honours only).
- ✓ Directed courses - 20 units.
- ✓ Electives - 30 units (Ungraded Honours only). Visit the Course Handbook to see a list of available Electives. Students have the option to use their Elective/Extension Specialist courses to meet a Second Teaching Area. Please contact your Program Advisor for further information.
- ✓ Student must not exceed 120 units at 1000 level.
- ✓ Students who have obtained a Band 5 in NSW HSC Mathematics, or have completed NSW HSC Extension 1, or equivalent should complete MATH1110 and MATH1120. Students who have obtained a Band 4 in HSC NSW Extension 1, or have completed NSW HSC Extension 2, or equivalent should complete MATH1210 and MATH1220. For further information please see Enrolling in Maths.
- ✓ Graded Honours is available only to those students who meet the eligibility requirements.
- ✓ The duration of this program is 4 years full time study (40 units per semester) or part time equivalent.
- ✓ The maximum time to complete this program is 10 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