

# Mathematics and science education specialisation course map

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## For students commencing in 2010

### How complete and relevant is this course information?

The following course information is provided in addition to the official [Monash Handbook entry for this course](#) and is subject to change.

Students who commenced their studies prior to 2010 should check their course requirements in the [Archived handbook](#) for the relevant year, or contact their Course/Pathway Adviser.

This pathway is designed to meet the needs of teachers, coordinators, text and curriculum developers and lecturers at all levels, who seek to increase their understanding of recent developments in teaching, assessment, curriculum and research in science and mathematics education. It is also targeted at teachers and other educators who wish to gain higher qualifications and research expertise in science and mathematics education.

## 2500 Master of Education - Mathematics and science education specialisation course map

Option 1	Option 2	Option 3
<a href="#">Research core unit</a> (12pts) <sup>1</sup>	<a href="#">Research core unit</a> (12pts) <sup>1</sup>	<a href="#">Research core unit</a> (12pts) <sup>1</sup>
<a href="#">EDF6401</a> Research on teaching and learning science and mathematics (12pts)	<a href="#">EDF6401</a> Research on teaching and learning science and mathematics (12pts)	<a href="#">EDF6401</a> Research on teaching and learning science and mathematics (12pts)
<a href="#">EDF6402</a> Research on science and mathematics curriculum (12pts)	<a href="#">EDF6402</a> Research on science and mathematics curriculum (12pts)	<a href="#">EDF6402</a> Research on science and mathematics curriculum (12pts)
<a href="#">Elective Unit</a> (12pts)	<a href="#">Elective Unit</a> (12pts)	<a href="#">Elective Unit</a> (12pts)
<a href="#">Elective Unit</a> (12pts)	<a href="#">Elective Unit</a> (12pts)	<b>Research thesis</b> (totalling 16,000 words) <a href="#">EDF6031</a> Masters thesis part 1 (12 pts) <b>AND</b> <a href="#">EDF6032</a> Masters thesis part 2 (12 pts)
<a href="#">Elective Unit</a> (12pts)	<b>Professional project</b> (12pts) (8,000 words) <a href="#">EDF6010</a> Professional project (A) <b>OR</b> <a href="#">EDF6020</a> Professional project (B)	

### Notes:

1. Research core unit must be selected from the Faculty suite of [research methodology units](#) on advice from the course coordinator or supervisor.

## 3210 Postgraduate Diploma of Education - Mathematics and science education specialisation course map

Students may graduate with a **Postgraduate Diploma of Education - Mathematics and science education specialisation** after completing 48 credit points comprising of the following units:

Four 12 points unit from:

- [Research core unit](#) **Or** [EDF6010](#) Professional project (A) **Or** [EDF6020](#) Professional project (B)
- [EDF6401](#) Research on teaching and learning science and mathematics (12pts)
- [EDF6402](#) Research on science and mathematics curriculum (12pts)
- [Elective Unit](#) (12pts)

### Course/pathway adviser

[Associate Professor Debbie Corrigan](#)