

Postgraduate Certificate in Teaching Further Mathematics Institute of Education, University of Warwick

Course Aims

The course enables TFM teachers to

- develop theoretical and practical underpinnings for further mathematics teaching
- reflect upon the learning and teaching process in further mathematics
- gain an understanding of the development of mathematical knowledge between GCSE and University level
- be awarded a Postgraduate Certificate, with the possibility of continuing beyond this to a full Masters degree in Mathematics Education

Course Structure

In addition to completing the Teaching Further Mathematics course, there are two university based modules:

Module 1: Further Mathematics Pedagogy

Module 2: Advanced level Mathematics Classroom based enquiry.

Module 1

There is one study day reflecting on the pedagogy used in the course in addition to the three TFM study days.

Module 1 Assessment

In addition to the TFM portfolio, participants will submit one short and one longer essay, totalling around 5000 words.

Module 2

There are two study days for Module 2. The proposed dates for these days in 2009/10 are

Study day 1. **12th September 2009**. An introduction to action research.

Study day 2. **13th March 2010**. Presentation of research.

Module 2 Assessment

Participants will submit a poster and an essay totalling around 5000 words, on a school/classroom based research enquiry in A level/Further Mathematics education.

Timings: The assignments can be completed alongside the TFM work or in the year following completion of TFM.

Course fees: In addition to the TFM fee, the fee for completing the PG Certificate 2009/10 is £700.

Application procedure: to apply, email Lisa Smith (l.m.smith.2@warwick.ac.uk) who will send you the relevant application forms.

For further information please contact:

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