



UNIVERSITY OF  
PLYMOUTH

**Masters degree in  
Mathematics Education  
2023-24**



An invitation to join our online  
Master's degree course in  
Mathematics Education.

It's unlike anything you've ever  
experienced before...



**UNIVERSITY OF PLYMOUTH**

**Introducing our revolutionary online Master's degree course in Mathematics Education, unlike anything you've ever experienced before...**

### **Why is this course different?**

Because it has been exclusively designed by experienced teachers who understand, in unparalleled detail, the inner workings of our schools and possess an unmatched passion for education. We firmly believe that genuine school improvement hinges on the quality of teaching within the classroom. That's why our program is ideal for educators who refuse to accept schools as they are and dare to envision what schools can truly become. It caters to those who acknowledge that knowledge is an ever-evolving entity, continuously expanding as new understandings emerge.

### **Who's it for?**

This program is for teachers who envision schools as vibrant communities of continuous learners, where everyone, regardless of their role, is constantly growing. It's for teachers who believe in the power of craft knowledge, where expertise can be unveiled, articulated, and shared. A place where educators engage in perpetual inquiry about teaching, constantly refining their craft through research, observation, and professional collaborative practice.

## **How does it work?**

This course aims to develop exceptional mathematics educators by enhancing existing knowledge and pedagogical skills. You'll engage in small-scale research projects and draw inspiration from successful strategies employed in mathematically high-performing countries. We also offer optional educational visits to Japan, Finland, and Hungary – countries renowned for their excellence in mathematics education.

## **We know you are busy.**

Which is why our course is conveniently delivered online. You'll have the flexibility to engage with the material at your own pace, supported by Zoom meetings upon request.

The course consists of 4 modules each worth 30 credits which will lead into your dissertation which is worth 60 credits.

To be awarded a Masters degree you will need to gain 180 credits.

You are expected to complete the course within two years.

## **Are you ready to redefine the boundaries of Mathematics Education?**

## Course Structure

Module	Credits	Title
MEMA701	30	Teaching and Learning Mathematics through Problem Solving
MEMA702	30	Teaching and Learning Mathematics for Understanding
MEMA703	30	Teaching and Learning Mathematics through its applications
MEMA704	30	Researching Educational Practice in Context
MAED702	60	Dissertation

As with many UK Masters degrees, you need to accrue 180 M-level credits to be awarded a Masters degree.

**APEL** (Accreditation of Prior Experiential Learning) can be used for up to 90 credits provided it is relevant to this course and fairly recently obtained.

### Do you want to know more?

Then contact

Professor David Burghes ([david.burghes@plymouth.ac.uk](mailto:david.burghes@plymouth.ac.uk)) or Derek Robinson ([derek.robinson@plymouth.ac.uk](mailto:derek.robinson@plymouth.ac.uk))