

# Mathematical Education for Physical and Mathematical Sciences

(Course code CPAS0012)

A 15-credit module which runs once a week during the Autumn term, from October to December.

## Who is this module for?

This module is for undergraduates who are in their second year of a degree, students curious about how mathematics is learnt and what educational environments support learning and participation or students considering teaching mathematics in the future. Students should have a good Mathematics A-Level.

Students study a central theme of mathematics education in a workshop format. Workshops include activities such as engaging in mathematical tasks, including practical work, investigation of the roles of digital learning technologies, listening and responding to lectures on new topics and reading and discussing mathematics education literature.

## How it is assessed?

The grade for the course is based on coursework (an essay of 2000 words) and exam (questions are pre-disclosed). Formative assignments during the course gradually introduce students to course expectations and assessment criteria.

Further information available at:

<https://undergraduatemathematicseducation.weebly.com>

Contact: Dr Suman Ghosh | UCL Institute of Education [suman.ghosh@ucl.ac.uk](mailto:suman.ghosh@ucl.ac.uk)