MATHEMATICS EDUCATION
MA /
2017/18 ENTRY

www.ucl.ac.uk/graduate/scimathgeo
The Mathematics Education MA is for teachers, tutors and others interested in how mathematics is taught and learnt. The programme gives students the opportunity to explore issues in mathematics teaching, to consider the theoretical underpinnings, and to carry out a rigorous study of mathematical learning.

Degree summary

In the two core modules students consider research-based developments in mathematics teaching and their related sociological, psychological, curricular and linguistic issues, and they engage with mathematics itself, finding implications for teaching. Optional modules and the independent dissertation/report explore learning with digital technologies, study the wider values and practices of education, and allow teachers to develop and critique their own practice.

The Curriculum, Pedagogy and Assessment Department at UCL Institute of Education is a world-leading centre for geography, business, mathematics, history, religious education, citizenship and science education. Students will work with tutors who are at the forefront of mathematics education research and who are directly involved in some of these developments.

The department provides an impressive range of cutting-edge MA and CPD courses, presented in face-to-face, distance learning or mixed mode formats. In addition we offer a first class PhD programme and staff are actively involved in an extensive range of innovative, nationally and internationally acclaimed, research and development projects.

The department's student population is very diverse: students on initial teacher education courses, practising teachers, and a rich and diverse range of international students.

Teaching varies according to the modules and includes face-to-face seminars and discussions of reading, mathematical workshops, student presentations, as well as online interactions. Only one module, Digital Technologies in Mathematical Learning, can be studied at a distance.

Degree structure

Mode: Full-time: 1 year; Part-time: 2 years; Flexible: 2-5 years
Location: London, Bloomsbury
Flexible study involves no more than three modules per year; most students take two. Although students enrol on the programme in October, they can plan to start their first module in January or April.

Students undertake modules to the value of 180 credits. The Mathematics Education MA consists of two core modules (60 credits), two optional modules (60 credits) and a dissertation (60 credits) or report (30 credits).

A Postgraduate Diploma, two core modules (60 credits), two optional modules (60 credits), full-time nine months or flexible study up to five years, is offered.

A Postgraduate Certificate, two optional modules (60 credits), flexible study over a period of up to two years, is offered.

CORE MODULES

- Understanding Mathematics Education
- Mathematics for Teachers
- The module A level Mathematics Pedagogy is not scheduled to run in 2017-18, but is an allowed alternative core module, replacing Mathematics for Teachers.

OPTIONAL MODULES

- Digital Technologies for Mathematical Learning
- What is Education?

DISSERTATION/REPORT

- All students undertake an independent research project which culminates in a 17,000-word dissertation or 8,000-word report.
Your career

Graduates of this programme are currently working across a broad range of areas. Some are working as secondary school heads of mathematics, while others have jobs as primary school mathematics leads. Graduates can also be found working as head teachers and mathematics education lecturers.

Employability

For most teachers, the Mathematics Education MA enhances their satisfaction in teaching and adds a thoughtful critique that balances the pressures of teaching. It develops skills in mathematics, pedagogy, research methods and writing. This programme is a vital stepping stone to a higher degree in mathematics education and a post in teacher education or education research. For non-teachers, this programme develops transferable skills of writing, critical analysis and understanding of how a mathematical perspective differs from other forms of reasoning.
Entry requirements

Normally applicants are expected to have at least a lower second-class UK Bachelor's degree, usually in mathematics or in education, with relevant experience. Professional experience of teaching or tutoring, and the ability to write reports will also be considered as relevant experience.

English language proficiency level

If your education has not been conducted in the English language, you will be expected to demonstrate evidence of an adequate level of English proficiency.

The level of English language proficiency for this programme is: Good.

Information about the evidence required, acceptable qualifications and test providers is provided at: www.ucl.ac.uk/graduate/english-requirements

Your application

Students are advised to apply as early as possible due to competition for places. Those applying for scholarship funding (particularly overseas applicants) should take note of application deadlines.

When we assess your application we would like to learn:

// why you want to study Mathematics Education at graduate level
// what particularly attracts you to the chosen programme
// how your academic and professional background meets the demands of this challenging programme
// your experiences of using research to inform teaching and learning
// where you would like to go professionally with your degree

Together with essential academic requirements, the personal statement is your opportunity to illustrate whether your reasons for applying to this programme match what the programme will deliver.

FEES AND FUNDING 2017/18 ENTRY

// UK: £7,925 (FT), £3,930 (PT)
// EU: £7,925 (FT), £3,930 (PT)
// Overseas: £17,190 (FT), £8,470 (PT)

The tuition fees shown are for the year indicated above. Fees for subsequent years may increase or otherwise vary. Further information on fee status, fee increases and the fee schedule can be viewed on the UCL Current Students website.

Fees for flexible, modular study are charged pro-rata to the appropriate full-time Master's fee taken in an academic session.

Full details of funding opportunities can be found on the UCL Scholarships website: www.ucl.ac.uk/scholarships

APPLICATION DEADLINE

All applicants: 31 August 2017

Details on how to apply are available on the website at: www.ucl.ac.uk/graduate/apply

CONTACT

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EU referendum

For up-to-date information relating to specific key questions following the UK’s decision to leave the EU, please refer to www.ucl.ac.uk/eu-referendum