



Secondary Education Mathematics

Postgraduate Certificate in Education

(Including a Recommendation for Qualified Teacher Status
and Master's-Level Credits)

OR

Professional Graduate Certificate in Education

(Including a Recommendation for Qualified Teacher Status)



Why study this programme?

This programme is designed to prepare student teachers to become professional, competent and reflective teachers of mathematics with a focus on addressing the needs of pupils aged 11 to 16. This is supplemented by post-16 teaching.

This programme offers each student the opportunity to:

- Become a confident, competent and effective teacher of mathematics in secondary schools
- Develop practical knowledge and theoretical understanding to successfully work with secondary school children
- Develop knowledge and understanding of mathematics within the context of the National Curriculum
- Widen individual skills, expertise and background knowledge across the field of mathematics education
- Continue professional development to become an innovator capable of active involvement in the future evolution of the subject.

Why study with us?

This programme offers strong university support with easy access to tutors. As well as covering all aspects of the National Curriculum and addressing all relevant government standards, this programme helps student teachers to develop as effective teachers of mathematics.

University workshop sessions cover a range of topics, including planning lessons, assessment of pupils and classroom management. There is also the opportunity to work collaboratively

with students from other subject areas, such as science.

This is an intensive programme: in 36 weeks you will be expected to develop your mathematics subject knowledge, understand how pupils learn mathematics and demonstrate that you can teach mathematics effectively. It is hard work, but it is also challenging and totally absorbing.

In addition to this programme, we offer a two-week and a sixteen-week Subject Knowledge Enhancement Course (depending on your mathematical background) to develop your mathematics knowledge at higher GCSE and AS level. You may be asked to undertake this before starting the PGCE programme. For more details, see www.gre.ac.uk/edu/ske.



Career opportunities

Graduates from this programme can pursue teaching careers in secondary schools.

Teaching and assessment

The programme runs full-time for 36 weeks; this includes 24 weeks on a supervised placement in a partner school on teaching experience. The remainder of the training is carried out at our Avery Hill Campus in Eltham, south-east London. Student teachers have the benefit of tuition from a range of experienced teachers, mainly through practical workshop sessions, and are also allocated a subject specialist mentor, who observes them in school and offers support.



You will begin by examining the tasks that are used in classrooms to deliver the secondary mathematics curriculum. You should get involved and consider how these tasks are challenging or complementing your vision of teaching mathematics. The quality of this reflection, coupled with your ability to take on board new ideas, often holds the key to good preparation for your first placement.

You will work with colleagues to develop your skills of discussion, presentation and teaching. Professional issues, such as lesson planning, pupil management, assessment and evaluation, are an integral part of the programme.

You will be given the opportunity to attend sessions on a range of topics, such as challenging able pupils, dealing with the needs of pupils with specific learning difficulties and supporting students with English as an additional language. You will also be able to practise your skills on your peers on other PGCE programmes, who may sometimes need help to get through their numeracy skills test.

You will be given the opportunity to submit work at Master's level, which will provide extra credits towards further postgraduate study; it will also change the title of the award from Professional Graduate Certificate in Education to Postgraduate Certificate in Education.

Financial information

For up-to-date financial information on tuition fees, grants and bursaries, please go to www.gre.ac.uk/finance or visit the Training and Development Agency for Schools website at www.tda.gov.uk.



Key facts

GTRR code: G1X1

Attendance: the programme is full-time for 36 weeks. This includes 24 weeks spent in a range of schools on teaching experience. The remainder of the training is at Avery Hill Campus.

Students must attend all lectures and workshops at university and during school experience work the same hours as teachers (this is longer than the school-timetabled day). Good attendance and punctuality are essential aspects of professionalism and form part of your assessment throughout the programme.

Entry requirements:

Applicants must have:

- A 2.2 or above in an honours degree in mathematics. If you do not have sufficient background in the subject, or your knowledge requires refreshing, you may be asked to follow a Subject Knowledge Enhancement Course in mathematics before taking up a place

on this programme (applicants who do not have a degree in mathematics will be required to successfully complete the 16-week course)

- GCSE mathematics and English language at grade C or above or equivalent qualifications.

Applicants are required to attend an interview and must demonstrate interest, experience, skill and commitment related to teaching mathematics in secondary schools.

Statutory checks: applicants must undergo a Criminal Records Bureau (CRB) 'Enhanced Disclosure' check. Failure to satisfy CRB standards or to supply relevant information may result in removal of an offer for admittance to the programme or a student's removal from the programme.

How to apply: apply online to the Graduate Teacher Training Registry (GTRR) at www.gtrr.ac.uk and quote the GTRR code.



Your next step

University Open Days are held several times a year. They include a programme of talks and offer you the opportunity to speak to staff and students. You may also be given a tour of the campus. A list of dates can be found at www.gre.ac.uk/opendays, or contact the Enquiry Unit or International Office for further information.



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your choice of programme and interests? Becoming a Greenwich VIP is a fast route to ordering our publications, booking an Open Day and finding out more about the university. You can also take part in chat sessions with staff and students, receive text and e-mail alerts, and enter our online competitions. Sign up at www.gre.ac.uk/study.

For further information

To find out more about studying at the university, please contact:

Website: www.greenwich.ac.uk

UK students

Enquiry Unit

Telephone: 020 8331 9000

Fax: 020 8331 8145

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formats on request

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