

# PGCE Secondary Mathematics

## Why Train with us?

Secondary teacher training is a challenging, rapidly changing and stimulating experience.

Bishop Grosseteste University College Lincoln has a national and international reputation for the quality of its teacher training. We provide student teachers with a supportive, professional environment in University College and school, characterised by good teaching, effective management and strong partnership.

## About this course

Among other things, this course involves (in no particular order): Providing a working knowledge of the National Curriculum and National Framework for teaching mathematics; Preparing trainees for experiences in school placements; Helping trainees to see the general in their particular experiences in school; Helping trainees to become analytical, critical and reflective practitioners; Complementing the work undertaken in our partnership schools; Developing an awareness of support materials available for teaching mathematics; Preparing teachers of mathematics who possess the skills, knowledge and understanding necessary in order to meet the vocational and technological demands of 21st century society; Developing well-informed individuals who can confidently apply numerous theoretical principles in a variety of teaching situations; Extending and deepening knowledge of specialist subject matter.

## Special features of the course

We aim to help our trainees to understand and implement the constructivist learning principle:

Pupils should learn mathematics with understanding, actively building new knowledge from experience and by making connections with prior knowledge and experience.

The purpose of the PGCE Secondary Mathematics course is to develop competence in teaching mathematics in secondary schools, using a variety of methods and tools including ICT, so as to exceed the current QTS standards.

## Assessment

Throughout the programme, your professional development will be led by University College tutors and school mentors. You will be observed teaching, and there will be frequent professional development meetings with staff in order to help you to set and achieve targets. There are opportunities for you to

learn through observing experienced teachers, reading documents, use of the Internet, seminars, workshops and individual tutorials.

Assessment is through written assignments, presentations, lesson plans, classroom teaching and your record of professional development. Assignments are designed to show your ability to meet the national standards required of teachers in their subject knowledge, classroom teaching, assessment and general professionalism.

### **More information**

For more information about the programme, course content or applications, please contact The Academic Registry on 01522 583658 or email [info@bishopg.ac.uk](mailto:info@bishopg.ac.uk)