The Computer Science Accelerator Programme

This professional development programme is ideally suited to trainee teachers, who want to improve their knowledge of computer science and teach the subject at GCSE level. The courses will enhance your teaching or enable you to offer teaching in computer science as an additional subject area. Completion of the course will also make you eligible to **give a golden hello bursary** to your first employing school.

- **£920 bursary** to be paid to any English state school employing you as an NQT
- Free to all ITT/PGCE, fully funded by the DfE
- Complete a minimum 10 hours of CPD and pass an online test to earn a certificate of completion from the British Computer Society
- Pathways for computer science specialists and non-specialists and to cater for prior knowledge and interest
- Live interactive sessions delivered remotely
- Independent learning through free, quality assured resources to help plan, deliver and assess learning
- develop connections with the computing teaching community

Courses

Introduction to algorithms, programming and data in GCSE computer science

Python programming constructs – sequencing, selection & iteration

Introduction to computer systems, networking and security in GCSE computer science

Python programming: Working with data

Fundamentals of computer networks

Representing algorithms using flowcharts and pseudocode

Computer processors and instruction sets

The internet and cyber security

Get in Touch

Please complete our [short survey] to register your interest and we will get back to you.

Booking and Course Information

Our current list of course dates and information on how to book can be found HERE. For full details on our offer for trainee teachers including bursary, course format, pathways and useful downloads please see our webpage: NCCE Computer Science Accelerator Programme.

Please feel free to email us if you have any questions at mslc@southampton.ac.uk.

The National Centre for Computing Education

The NCCE is a Department for Education funded initiative to support the teaching of computing at all key stages, delivering support for teachers across the UK. This Computer Science Accelerator Programme is now open to secondary ITT and PGCEs (computing and non-computing trainees) to enhance employability and meet the growing demand for digital skills in the UK.