

# FOUNDATION CERTIFICATE IN COMPUTING

## COURSE OPTIONS

### 2 TERMS

Entry requirements: completion of high school, and at least UKVI IELTS 5.5 (minimum 4.5 in all skills)

Course start: September 2018, January 2019

Course length: 7 to 9 months

Degree entry: September 2019

Tuition fees: £12,920

### 3 TERMS: ENHANCEMENT

*Study extra modules to further enhance your academic skills*

Entry requirements: completion of high school, and at least UKVI IELTS 5.5 (minimum 4.5 in all skills)

Course start: September 2018, October 2018\*

Course length: 10 to 11 months

Degree entry: September 2019

Tuition fees: £13,986

### LOWER IELTS SCORE?

If your English language level is lower than that listed above, but you have at least UKVI IELTS 4.0 in all skills, you can take a course that includes Extended English and Skills (EES). Contact us for more details.

\* 2.5-term course — students join the 3-term Foundation Certificate, but begin half a term later.

## CORE MODULES

All students on this Foundation Certificate will take:

### ALGORITHMS, PROGRAMMING AND DATA REPRESENTATION

- Data representation, programming concepts and algorithms

### FOUNDATION MATHEMATICS

- Algebra, geometry and trigonometry
- Vectors
- Differentiation and integration

### APPLIED MATHEMATICS

- Mathematical modelling and reasoning skills

### COMBINED LANGUAGE FOR STUDY 1 AND 2

- English skills in reading, writing, speaking and listening

### LANGUAGE FOR STUDY 3

- Complex arguments in English
- Giving evidence of research
- Preparation for exit language exams

## 3-TERM ENHANCEMENT MODULES

If you're studying the 3-term enhancement Foundation Certificate, you'll also take:

### COMPUTING SKILLS FOR FOUNDATION CERTIFICATE

- Basic IT skills
- Computing topics
- Software such as Microsoft Office

### PERSONAL DEVELOPMENT AND PRE-STUDY SKILLS

- Advanced skills related to your course
- Personal development skills

### PHYSICAL SCIENCES

- Optics, waves and lasers
- Electronics and magnetism
- Thermal physics and thermal and mechanical properties of matter

### SKILLS FOR STUDY 1

- Presentation, note-taking and essay-writing skills

### SKILLS FOR STUDY 2

- Analytical skills in written and spoken information

### SKILLS FOR STUDY 3

- Researching and analysing information to a high standard
- Structuring written and oral arguments

## PLUS ONE OF THE FOLLOWING (DECIDED BY THE COLLEGE):

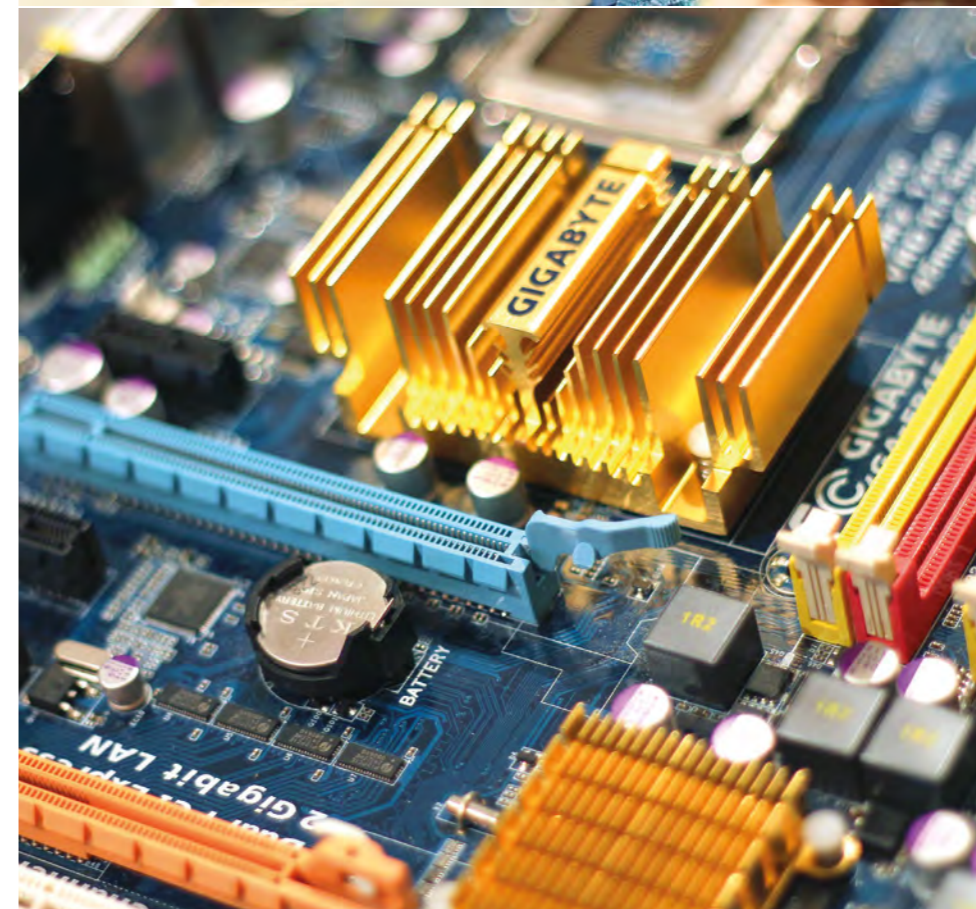
### INTRODUCTION TO BRITISH SOCIETY AND CULTURE

- UK life and culture
- British society and history

OR

### PREPARATORY MATHEMATICS

- Algebra, geometry, trigonometry, graphs and transformations
- Applications of these topics



## DEGREE POSSIBILITIES

This Foundation Certificate can lead to a range of undergraduate degree subjects at the University of Brighton. For example, you could progress to:

- Business computing
- Computer science
- Computer systems
- Digital games development
- Software engineering

For a full list of degree options, see page 44.

## CAREER POSSIBILITIES

This educational route can open up many career options for you. You could become a:

- Applications developer
- Games developer
- Information systems manager
- IT consultant
- Network engineer
- Software engineer
- Systems analyst
- Web developer

## HAVE ANY QUESTIONS?

Contact our team for help:  
[kaplanpathways.study/contact-brighton](http://kaplanpathways.study/contact-brighton)