

# FOUNDATION CERTIFICATE FOR SCIENCE AND HEALTH

## COURSE OPTIONS

### 2 terms

**Entry level:** high school completion with good grades\*, and minimum UKVI IELTS 5.5 (no less than 4.5 in any skill)

**Course start → degree entry:**  
September 2018 → September 2019  
January 2019 → September 2019

**Course length:** 7 to 9 months

**Tuition fees:** £13,100

### 2.5 terms

*Study extra modules to further enhance your skills for your degree*

**Entry level:** high school completion with good grades\*, and minimum UKVI IELTS 5.0 (no less than 4.0 in any skill)

**Course start → degree entry:**  
October 2018 → September 2019  
July 2019 → September 2020

**Course length:** 10 to 11 months

**Tuition fees:** £14,100

### 3 terms

*Study extra modules to further enhance your skills for your degree*

**Entry level:** high school completion with good grades\*, and minimum UKVI IELTS 4.5 (no less than 4.0 in any skill)

**Course start → degree entry:**  
September 2018 → September 2019  
June 2019 → September 2020

**Course length:** 11 to 12 months

**Tuition fees:** £14,100

### Lower IELTS score?

As long as 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 details.

## WHAT WILL I STUDY?

YOU WILL STUDY THE FOLLOWING CORE MODULES:

### English for specific purposes

Develop your English language skills and awareness of language conventions in your chosen degree subject area.

### Extended project

Complete a research project relating to your chosen degree subject area.

YOU WILL ALSO STUDY 3 OF THESE ELECTIVE MODULES†:

### Applied statistics

Analyse and interpret data in real-world contexts.

### Biology

Learn about the structure and function of different cells, tissues, organs and organ systems.

### Chemistry

Build your knowledge of organic and inorganic chemistry and develop basic laboratory skills.

### Contemporary issues of the twenty-first century

Discuss debates on a range of current issues and link them to your chosen degree subject area.

### Entrepreneurship

Develop your creativity and innovative problem-solving skills.

### Information and communication technology

Learn key computing and information communication concepts and skills and apply these to real-world tasks.

### Introductory mathematics

Build your knowledge of mathematical topics and apply these to real-world problems.

### Mathematics (worth 2 modules)

Develop your mathematical modelling and reasoning skills.

### Physics

Learn about energy, waves, particles, forces and the properties of matter.

### Understanding people, culture and society

Examine the nature of 'society' and 'culture' and explore the causes and effects of social change.

## STUDYING A 2.5-TERM OR 3-TERM COURSE?

YOU WILL STUDY THE ABOVE MODULES, PLUS:

### English for specific purposes

Develop your reading, writing, speaking and listening skills in preparation for university study.

### Independent project

Develop basic academic research and reporting skills.

YOU WILL ALSO STUDY AT LEAST 1 OF THESE ELECTIVE MODULES†:

### Digital literacy and communication skills

Enhance your computing and media skills for academic study

### Preparatory science

Explore key topics in biology, chemistry and physics

### Preparatory mathematics

Build your knowledge of algebra, geometry, trigonometry, graphs and transformations

## Personal development

During your course, you will also have the opportunity to participate in activities such as:

- Careers guidance
- Co-curricular projects
- Leadership and community awards
- Student ambassador scheme
- Student council

## Degree possibilities

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

- Actuarial science
- Communication engineering
- Computer games
- Computer science
- Electronic engineering
- Mathematics
- Psychology
- Robotic engineering

▶ **For the full list of degrees, see page 42.**

## Career possibilities

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

- Actuary
- Communications engineer
- Electronic engineer
- Game developer
- IT consultant
- Psychologist
- Robotics engineer
- Statistician

Have any questions?

▶ [kaplanpathways.study/contact-essex](https://www.kaplanpathways.study/contact-essex)

\* Including equivalent of GCSE Maths and Science at grade C/4 or above.

† For some progression degrees, particular elective modules may be compulsory. Details will be on your offer letter.