

Summer Academy: STEM

Course overview

Our Summer Academy: STEM is ideal for students 15-17 years old who want a taster of UK pre-university education. The focus is on Maths, the three Sciences and academic English.

Key Facts

Available in

- Caterham

Start dates:

- 30 June & 14 July 2024

End date:

- 28 July 2024

Entry level:

- IELTS 5.0 / intermediate (pre-test required)

Age range:

- 15 - 17

Duration:

- 2 or 4 weeks

Class size:

- 12

Lessons per week:

- 17 hours of academic subjects

- 10 hours of academic English, UCAS counselling and culture

Arrival:

- Sunday

Teaching:

- Monday to Friday, **9:00 to 16:30**

Academic course content

27 hours of lessons per week in total, of academic studies, academic English, UCAS counselling and culture

Students also have the chance to meet with our expert tutors to discuss potential study plans for their further academic studies.

17 hours of academic taster sessions in subjects related to chosen stream:

Maths

- Arithmetic
- Algebra
- Shape and Perimeter
- Data Handling
- Angles
- Number
- Time word problems
- Fractions

Much of this is taught through challenging problem-solving exercises.

Biology/Physics/Chemistry

Exploring science through activities.

- Safety/ Sound
- Chemistry: Materials
- Biology: Human Body
- Biology: Nutrition
- Biology: Plants
- Physics: Forces
- Biology: Animals
- Chemistry: Fossil Fuels

British Culture

Introduction to the UK education system (including universities).

- Parliament
- British food

- Family life/ the home
- Hobbies/ sports
- Customs
- The Monarchy

Academic English

- Summarising
- Note-taking
- Dictionary use
- Interpreting graphs
- Mini-presentations
- Library use
- Structure of a paragraph