



A Summer School  
Like No Other



### Specialist Programmes for Exceptional Students

Cambridge Programmes offers a diverse range of best-in-class academic experiences to help foster a passion for learning for aspirational students looking towards university and beyond





Cambridge Programmes has delivered best-in-class residential summer schools for over 15 years





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Discover A World  
of Opportunity





## ➤ Welcome to Cambridge

Cambridge Programmes was established in 2004 and celebrated its 15th Anniversary in 2019 with over 200 participants joining us from around the world.

Now that the Covid pandemic is behind us, we are delighted to welcome our students back to Cambridge in 2024!

We all know an excellent education can change lives and is the best investment parents can ever give to their children. We pride ourselves on our continued success in offering this unique opportunity to students through a rigorous academic and engaging two-week Programme. This is achieved firstly by inviting students to stay in one of the 31 Colleges of the prestigious University of Cambridge.

Secondly, our experienced senior teaching staff from both the University and the best academic schools in Cambridge will conduct classes. Lessons are in small groups, around 18 per class. Our syllabi are designed to interest students and provoke their intellectual curiosity, rather than repeating their schoolwork. Our key in teaching is to emphasise "how" to learn and "how" to think, rather than "what" to learn.

Thirdly, we believe a strong role model for teenagers is vital, especially in today's competitive and fast-changing world. We select, through a rigorous process, a group of Cambridge students acting as our participants' Mentors. A Mentor looks after approximately six students. Aside from the morning lessons, our Mentors further tutor the students in the afternoons and lead exciting activities in the evenings.



Fourthly, teamwork is so important in the workplace today whichever walk of life one chooses. Our Mentors work closely with their students to design a team project which is acted out on stage at the end of the Programme.

Last, but not least, our Summer Programme is great fun for students too and we include several exciting cultural visits outside Cambridge.

Whichever Programme our students join, we are confident that this will be a life-changing experience, just as it has been for the many thousands of students who have been privileged to be part of Cambridge Programmes so far!

We look forward to seeing you!

Rebecca and Peter Clarke  
Founders





## Dear Parents, Teachers and Students,

I am truly thrilled to be back with Cambridge Programmes for the summer of 2024!

I was privileged to participate as one of the mentors on the very first edition of Cambridge Programmes back in the summer of 2005, when I was still an undergraduate at Churchill College. It was a hugely memorable experience for me.

As a mentor, I had an immense sense of responsibility for my group and forged a close bond with my students. I was able to see first-hand the joy all the students felt as they explored Cambridge, the outstanding teaching they received from our professors, and the growth they experienced as they gained in confidence through the activities and presentations they participated in.

For the following two decades, Cambridge Programmes has only gone from strength to strength. We have welcomed thousands of students from all over the world, and our offering today of English, History, Engineering, Law and Medicine gives students many fascinating opportunities for learning.

Since graduating from Cambridge, I have pursued a career in investment banking in London, New York and San Francisco, and have been thrilled to witness the growth of Cambridge Programmes driven by my parents, Rebecca and Peter. It is an honour for me to rejoin this year and help create the best Summer Programmes we have ever had.

I can't wait to welcome you all to Cambridge in 2024!



Charles Clarke  
Managing Director





## ► Background

Cambridge University is one of the oldest and most distinguished universities in the world.

To date, 121 affiliates of the University of Cambridge have been awarded the Nobel Prize since 1904. These include: 34 in Physics, 27 in Medicine, 25 in Chemistry, 11 in Economics, 3 in Literature and 2 in Peace.

The University welcomes international students from all corners of the world and has 18,000 students currently studying here.

In 2009 Cambridge University celebrated a major milestone – 800 years of people, ideas and achievements that continue to transform and benefit the world.

Its uniquely beautiful and academic environment is where Cambridge Programmes was conceived in 2004.







## ► Founders



**Rebecca Clarke**  
FRSA



**Peter Clarke**  
MA (Cantab), MBA, MSc CEng

## Senior Management Team



**Charles Clarke**  
MA (Cantab),  
MSc (London Business School)  
Managing Director



**Chris Green**  
MA (St Andrews) PGCE  
Academic Director



**Michelle Fox**  
BSc, PGCE, NPQH  
Programme Dean



# ► Churchill College





## > Churchill College

Churchill College is one of the 31 Colleges which make up Cambridge University.

The College was founded in 1960 in honour of the British Prime Minister and wartime leader, Sir Winston Churchill.

Its founders were far-sighted in recognising that the world was changing very rapidly under the influence of science and technology. Consequently 70% of the students are studying Science, Engineering or Mathematics.

There are 485 undergraduates and 390 post-graduates, supported by 245 Fellows. The College has produced 32 Nobel Prize winners including Francis Crick who discovered DNA and Anthony Hewish who discovered Pulsars.

Cambridge Programmes students are warmly welcomed by this academic community. The superb learning facilities are complemented by spacious playing fields used for both sport and, for example, staging a Shakespeare Drama Workshop next to a magnificent "Barbara Hepworth" sculpture.

Our students are extremely privileged to be able to reside over the two weeks in Churchill College, staying in their student rooms, normally occupied by undergraduates during Term time.

This is a quiet academic environment as other Senior College Academics are also working in College during this period.

All these rooms are single, some with en-suite facilities and provide comfortable living accommodation. Boys and girls are on separate staircases with secured entry.

Meals are prepared in the College Kitchen and students eat in the Dining Hall where members of the College normally take their meals.

There is on-site security 24/7 during our stay at Churchill.







## Academic Programmes

### Academic English (ages 14-17)

The English course at Cambridge Programmes aims to offer a world-class academic experience to ambitious students who are keen to develop their skills in all aspects of this key area of the curriculum. The course combines both literary study and aspects of advanced writing skills. At all times English is approached as a world language which is essential for success in a globalised world. Literacy is also considered in the context of transferable skills which can be employed across the curriculum.

The Academic English Programme offers an intense and challenging pathway to advanced all-round language capability.

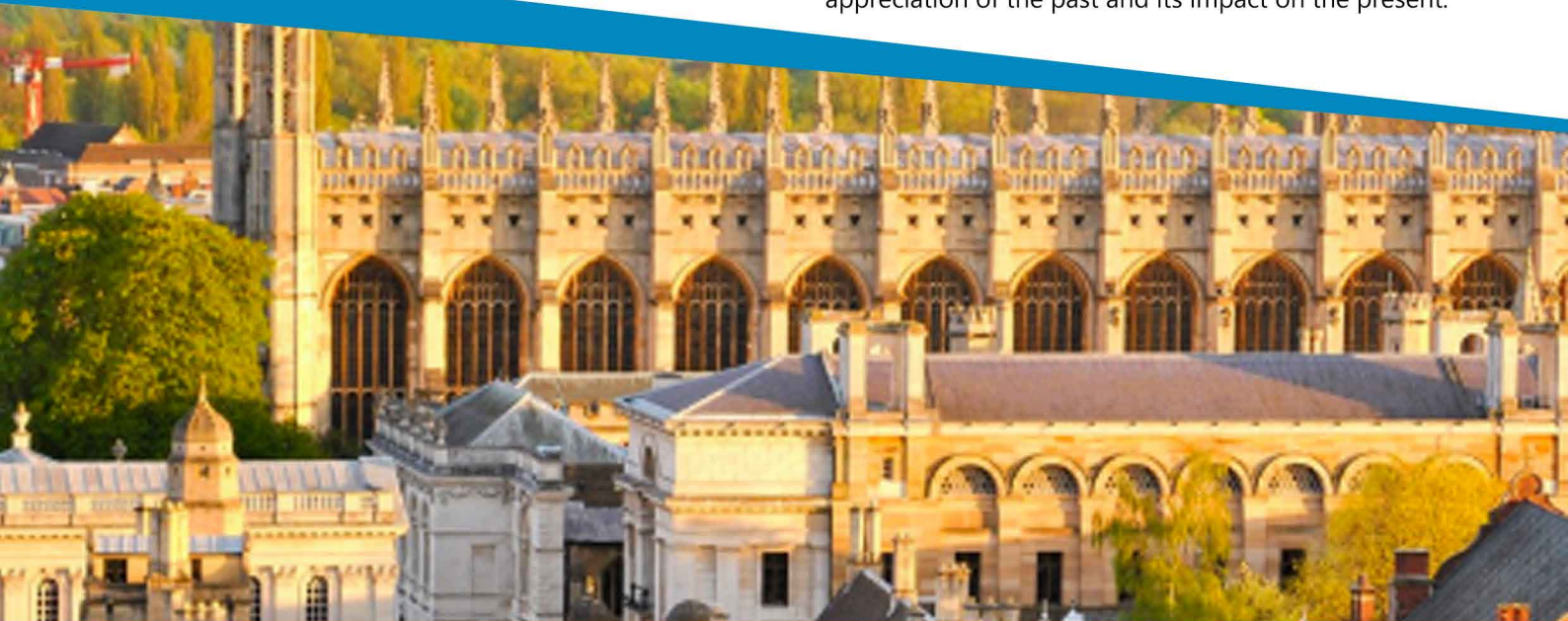


### History (ages 14-17)

This course is tailor-made for students who are interested in social sciences, liberal arts, and English at university; or who simply wish to learn more about the great events, ideas, and people that have shaped our world.



Students enrolled in this course will have the opportunity to study a range of historical subjects in university-style lectures and supervisions, and will engage with Cambridge's treasure-trove of museums, art and architecture. Students will gain analytical skills directly applicable to their study of History, English and other secondary school subjects, and have a unique opportunity to broaden their horizons and achieve a deeper appreciation of the past and its impact on the present.







## ➤ Pre-University Programmes

### Engineering the Future/AI (ages 15-17)

This programme is designed to provide students with a strong understanding of Engineering and to give them insights into its applications in the real world. The programme broadly targets three domains: theory, applications, and engineering in industry.

Students will learn about Software and AI through introductory lectures and will work towards a coding project, as well as gaining hands-on experience with the Engineering Design Process by designing and building a solution for a practical challenge. Sustainability in design is an important emphasis of the project.

Students will also develop the key presentation skills essential to science and engineering in the real world.

### Law Induction (ages 15-17)

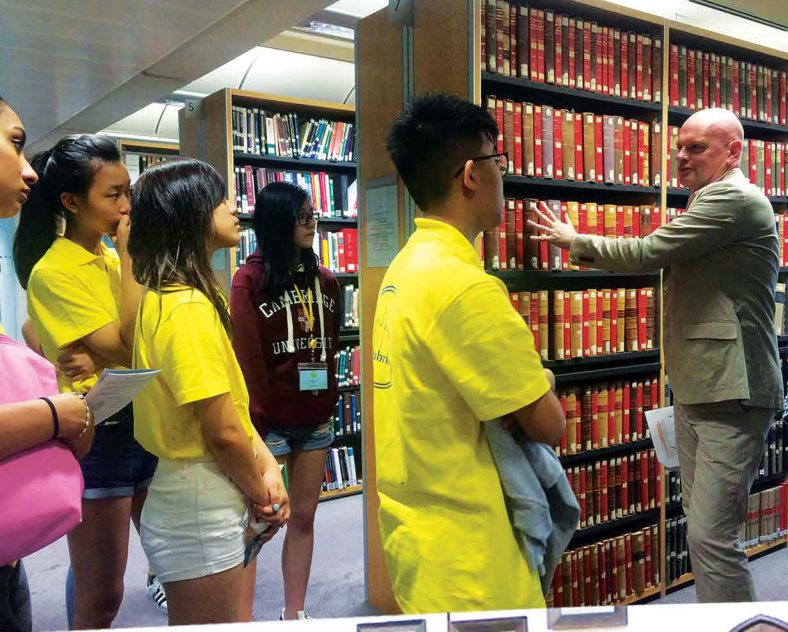
The Law Induction Programme offers students an opportunity to experience the excitement of a legal career. The Programme provides an overview of the legal system in England and Wales, and an introduction to aspects of Criminal Law, Tort Law, Constitutional Law, Criminology, and Jurisprudence.

Cambridge University-style teaching and supervisions are complemented by visits to courts of local and national significance, and there are also opportunities to develop practical skills through mooting (mock-trials) and debating. Students are also given guidance on applying to study Law at university, and on careers after a Law degree.

### Medicine (ages 16+)

The aim of the Medicine Programme is to give participants a unique and realistic experience of what it is like to study medicine and to be a doctor. In addition to practical and interactive sessions on the main medical sciences and specialities, the course also covers other key topics and areas that are relevant to healthcare, including emerging technologies and future developments, ethical and legal issues, team working and communication, presentation and interview skills. This unique and intensive Programme includes a wide range of activities and topics, many of which are not available on any other course worldwide.

The course is designed by Professor Kourosh Saeb-Parsy, Consultant Transplant Surgeon and Research Group Leader of the University of Cambridge, and Fellow and Director of Studies in Clinical Medicine at Fitzwilliam College, Cambridge. The course is delivered by Professor Saeb-Parsy and other expert, young and enthusiastic faculty members who are very experienced in teaching methods and are highly active in the areas that they teach on the course





## › Directors of Study



**Chris Green**  
*Deputy Director and Director of Studies for English*

Chris is Director of the English and Drama Faculty at The Perse School in Cambridge, and he is also Principal Examiner for A Level English Literature with a UK Awarding Body. Chris is a former Chair of the Education committee of the British Shakespeare Association and is a member of the Assessment Board of the Chartered College of Teaching. He is a Fellow of the Chartered Institute of Educational Assessors and a member of committees at the English Association and the National Association for the Teaching of Drama. Chris works with the English-Speaking Union as a Judge and Mentor, and he has been involved in activities with the Royal Shakespeare Company, and at the Royal National and Young Vic theatres. He has taught outreach sessions for Lucy Cavendish College, Cambridge – and he has mentored students in south London for the charities Off the Curriculum and Southside Young Leaders Academy. His latest publication is a new edition of Shakespeare’s *The Merchant of Venice*.



**Dr Tom Tyson**  
*Director of Studies for History*

After obtaining a First in History, Tom continued his studies at Cambridge University and obtained two further degrees, an MPhil and a PhD. He is also a Doctoral Fellow at the Institute of Historical Research, London. Tom is totally passionate about teaching, having taught History and Politics A Level for several years. He has won a number of academic awards, including the Dr Lightfoot Prize for Ecclesiastical History. The syllabus Tom designed for us is attractive to both young and old learners. Learning History will empower us to be more analytical which is crucially important in today’s complex world.



## › Directors of Study



**Aalok Patwardhan**  
*Director of Studies for  
Engineering/AI*

Having graduated from Cambridge University with a First in Engineering, Aalok embarked on an engineering consultancy position at the famous Cambridge Consultants based in the Science Park in Cambridge. He earned a Dyson Scholarship to study for a PhD in Robotics at Imperial College, London. He has worked as a Mentor, Senior Mentor and a Deputy Dean at Cambridge Programmes for several years.



**Freya Rock**  
*Director of Studies for Law  
Induction*

Freya is a PhD researcher at the Institute of Criminology, University of Cambridge. She holds an undergraduate degree in Law (Jurisprudence) from the University of Oxford and an MPhil in Criminology from the University of Cambridge and has been called to the bar of England and Wales. She supervises undergraduate students at the University of Cambridge in Criminology and Criminal Law.



**Professor Kouros  
Saeb-Parsy**  
*Director of Studies for Medicine*

Kouros is a Professor at the Department of Surgery, University of Cambridge and a Consultant Transplant Surgeon at Cambridge University's teaching hospital (Addenbrooke's). His clinical interests include adult kidney, pancreas and liver transplantation. He leads a research group focused on the function and immune response to stem cells. Kouros is a Fellow and Director of Studies in Clinical Medicine at Fitzwilliam College.





# ➤ Pastoral Care





## ➤ Round the Clock Pastoral Care

Your child will be looked after and cared for 24/7 from the minute they arrive in the UK.



The safety and care of your child is our number one concern. Our pastoral care policy comes in several levels.

The Programme Dean, Michelle Fox, a scientist and professional teacher, with 18 years' experience as a Vice-Principal, is passionate about providing inspiration for young people. She has also held senior roles in training schools in pastoral care. She works closely with the Mentors each of whom looks after 6 or 7 students. This allows Mentors to get to know their students very quickly and very well. All six students study the same subject, in the same academic class.

As well as nurturing intellectual curiosity, analytical thinking and self-confidence, our Mentors support their students at all times, addressing academic, health and emotional needs. The Mentors are supported by our very experienced Dean and Matron, both of whom also live on site and provide professional guidance.

Mentors receive training in Health and Safety, and Children Safeguarding, before the start of each Programme.

The Programme Matron is a highly experienced and qualified School Matron and is able to provide on-site medical care if required.

There is a Doctor's Office very close to Churchill College, and Cambridge also hosts the famous research and teaching hospital at Addenbrooke's.





## ► Our Mentors

To ensure we give our students a real taste of what it means to study in Cambridge, we insist that all our mentors are undergraduates or graduates of Cambridge University. Not only are they academically brilliant, they are talented in music, sport, drama, debating and many other areas – they are therefore truly inspirational role models, able to study hard and play hard.

Many of our mentors already have teaching experience, either in the U.K. or overseas and they are selected for being easy to talk to, sensitive and caring. In addition, mentors undergo training sessions, enabling them to provide support and reassurance from the start of the Programmes, thus allowing each student to flourish and achieve their aspirations. The Mentors we choose are simply the best. They are amongst the brightest and most accomplished students at this top university.

“

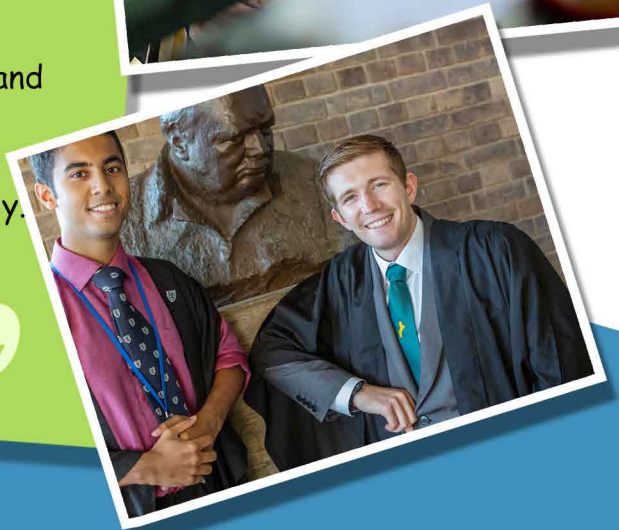
### Goodbye note from a student to her Mentor in 2019

Thank you so much for organising the Cambridge Programme. It was honestly one of the best fortnights of my life..

I would just like to thank you for being a really good mentor. You have made my time here at Cambridge great fun and interesting.

I am really grateful to everything you have done and taught me. I have learnt so many amazing things from this incredible experience. You have taught me to have faith in myself and not to give up easily.

”



## What the Mentors had to say

“The students loved their teachers. The teaching they received was quite different from what they were used to.”

“They are all leaving more confident in their ability and have really enjoyed their two weeks.”

“...they (students) had so much fun”

“...a fantastic and valuable Programme – I have greatly enjoyed my time here, it’s been a joy to work with everyone on the team!”

“Students love the Programme... ‘Life changing’.”



## ➤ Meet the Mentors

### English

#### Mentor Corrine

Recently graduated following three years studying English at Cambridge University. Awarded Arrol Adams poetry prize. An accomplished theatrical performer. Organised creative writing courses. Mentored six formers. Choir member and violinist. Experienced at pastoral care.

#### Mentor Olivia

Postgraduate having studied Theology and Religious Studies at Cambridge, now a Masters student at The Royal College of Music. Opera singer, dancer and rower.

#### Mentor Finn

First year English student. Cambridge boxing blue. Martial arts. Volunteered in primary school.

### Law

#### Mentor Rowan

Recently graduated, following a three-year law degree at Cambridge, now studying for MA in Oxford. Prize winner for Law in 2017, 2018, 2019. College Law Society President. Represented Cambridge University in international mooting competitions. County level rugby player and athlete.



### Science

#### Mentor Lois

Second year Engineering student. Computer programmer. Stem ambassador, student ambassador. One year internship with Rolls-Royce. Industrial cadet platinum leader award. Volunteers in local schools to promote engineering. Plays flute.

#### Mentor Brett

Fifth year veterinary medicine student. Officer Cadet. FA football referee and boxer. Tutoring and mentoring.

#### Mentor Ella

First year Natural Science student. Tutor of physics and maths, experienced in preparing examination questions. Performed with the National Youth Orchestra. Triathlete.

### Medicine

#### Mentor Owen

Fourth year medical student. Organ scholar. Appointed as Psych Star by the Royal College of Psychiatrists, allowing him to act as ambassador for psychiatry within Cambridge.

Note: These are some of our talented mentors from recent programmes











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Established 2004

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