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## International Academic Programs in Cambridge, England



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# Welcome to Reach Cambridge

## Contents

1. Contents & Mission Statement	15. Specialist Courses
2. Welcome & Accreditation	16. Specialist Courses
3. What We Do	17. Taster Courses
4. Historic Cambridge	18. Taster Courses
5. The Reach Experience	19. Taster Courses
6. The Reach Experience	20. Taster Courses
7. Summer Program Overview	21. Activities
8. Our Courses	22. Excursions
9. Science Courses	23. Evening Lectures & Workshops
10. Science Courses	24. What's Included?
11. Science Courses	25. Further Details
12. Social Sciences & Humanities	26. Further Details
13. Social Sciences & Humanities	27. Online Courses
14. Social Sciences & Humanities	28. Online Courses

"With 20 years of experience in providing academic residential study programs, Reach Cambridge has welcomed thousands of students from all over the world to the historic city of Cambridge.

Our programs are designed to engage, challenge and inspire young minds, and year on year we work with a diverse group of gifted young people to achieve that goal.

Our team is dedicated to offering our students the international experience of a lifetime within a safe, positive and inspiring community."

Jenny Evans  
Managing Director

## Our Mission Statement

Reach Cambridge enables students to prepare for the future by offering the international experience of a lifetime within a fun, nurturing and academically enriching community.

## Accreditation

Reach Cambridge is a BAC Accredited Short Course Provider.



Reach Cambridge is proudly accredited by the British Accreditation Council (BAC) for Independent Further and Higher Education as a Short Course Provider. In order to achieve BAC accreditation, we have had to demonstrate that we meet the BAC's rigorous standards in four inspection areas:

- Management, Staffing and Administration
- Teaching, Learning and Assessment
- Participant Welfare
- Premises and Facilities

Education experts from the BAC inspectorate assessed the institution against our standards during a formal inspection visit. The Inspection team wrote a report for the independent Accreditation Committee who subsequently awarded accreditation, which is valid for four years. The inspection report and more information on the BAC can be found at [www.the-bac.org](http://www.the-bac.org).



# A Summer to Shape a Lifetime



## Our Programs

Since 2005, we have been welcoming students from all around the world to share in a truly international experience. Our rich curriculum of academic tuition, group activities, excursions, and social events provides a truly formative and memorable experience. We offer two, four and six-week programs during the summer for students aged 14-18 and are accredited by the British Accreditation Council.

## Our Courses

Academic excellence is at the heart of our programs. Within each program, students choose an academic course to study and enjoy 20 hours of academic tuition each week, directed by luminaries of their fields.

Our courses provide students with an opportunity to gain valuable insight into their chosen subject, fuel their passion for learning and prepare them for the future.

## Historic Cambridge

Cambridge is a prestigious centre of academia and a beautiful place to live and study. The world-famous University of Cambridge is over 800 years old, and has been home to some of the most respected authors, scientists, thinkers, and even royalty. The city boasts some of the country's finest architecture, art galleries and museums, as well as a vibrant theatre scene. Running through it is the River Cam: colleges glimpsed from the banks of the Backs, students punting along the water, and rowers practicing at high speed, are all part of the Cambridge experience.

In 1627, a clergyman by the name of John Harvard entered Cambridge, before emigrating to America in 1638 and founding Harvard University. Numerous other influential scholars have passed through Cambridge: Sir Isaac Newton, Charles Darwin, William Wordsworth, Samuel Taylor Coleridge, Lord Byron and Lord Tennyson, several signatories of the American Declaration of Independence, Bertrand Russell, Ludwig Wittgenstein, F.R. Leavis, John Maynard Keynes, Crick & Watson, Sylvia Plath, Frederick Sanger, Ted Hughes and Stephen Hawking to name but a few!

All Reach Cambridge students have the opportunity to live and study in this inspiring environment, walking in the footsteps of great scholars who have changed the way we see the world.

“

*I think other students should apply to Reach Cambridge as it's a great opportunity not only to learn something you're interested in, but also to interact with other students from around the world!"*

Johanna,  
Psychology



“

*Reach Cambridge is a once in a lifetime opportunity and I loved everything about my experience here. The people that I met and the things that I learnt were incredible, and I wouldn't change it for the world."*

Liliana, Puerto Rico  
Biotechnology



# The Reach Experience

## Academic Excellence

Academic excellence is at the heart of our programs. Students are able to choose from a wide range of subjects to prepare for their future. Our courses, certified by the British Accreditation Council, provide students with an opportunity to gain valuable experience ahead of applying to university. Taught by expert academics, practising professionals and inspirational teachers, our courses are stimulating, challenging and unique, exposing students to the latest innovation and research. At the end of their course, students receive a certificate of completion.

*I've learned new things that I would never have learned at school, and it has practically verified my decision to become a doctor."*

*Melia, Greece  
Medicine & Life Sciences*

## Inspiring Surroundings

As one of the oldest university cities in the world, Cambridge has been home to some of the most incredible minds of Western history and serves as the perfect backdrop for students hoping to join their ranks. Set against the beautiful river Cam, plenty of green spaces, and some of the most incredible architecture from the 13th century to the present, there's something here to inspire every personality and every passion.

*I really loved the Reach experience, and I'm so grateful for the beautiful and enriching academic environment."*

*Sarika, USA  
Journalism & Media*

## Excursions & Activities

Just as we at Reach believe in academic excellence, we believe in the power of weekends and cultural enrichment too. Throughout the summer students have the opportunity to discover parts of the UK outside Cambridge through fully guided trips to London, Stratford-Upon-Avon, Ely, and more. Each trip is organised around inspiring cultural activities – like walking tours of some of London's most historic districts, taking in a play, or visiting one of the UK's most impressive medieval castles.

*It's a great opportunity to meet people from all around the world. Well organised excursions helped me to learn about the country and have fun at the same time. I enjoyed my time with Reach very much."*

*Rui Qi, China,  
Business Management & Economics*

## International Experience

Welcoming students from upwards of 50 different countries and every continent except Antarctica each summer, we at Reach pride ourselves on bringing a bit of the world together to learn and grow each summer. Through classes, workshops, and plenty of outside classroom activities, students have the opportunity to meet new people, learn about new languages and places, make friends, share their passions, and sometimes even put together an international act for our talent show!

*Reach was an amazing experience for me. It's allowed me to interact with people from all over the world, making me more of a global citizen."*

*Faisal, Jordan  
Medicine & Life Sciences*

## The Perfect Balance

Part of the Reach experience is growing in independence and preparing for some of the non-academic milestones of university life—like making new friends, learning to manage your own time, and discovering what kind of adult you want to be. After more than fifteen years, we pride ourselves on providing that perfect balance between independence and support and in facilitating an experience in which students learn to trust one another and also themselves.

*Coming to Reach has been one of the highlights of my life. The blend of excursions, learning, and meeting new people is a really great idea brought to life."*

*Kelvin, Italy  
Computer Science*



# Summer Programs

To offer greater flexibility and choice to our international community of students, Reach Cambridge programs run all throughout the summer.

## Two-Week Programs

Dates	30 <sup>th</sup> June – 13 <sup>th</sup> July	14 <sup>th</sup> July – 27 <sup>th</sup> July	28 <sup>th</sup> July – 10 <sup>th</sup> August
Full Price	Two-week programs cost £5,995. Additional Taster Courses cost £395 each. A maximum of 2 taster courses per program.		

## Four-Week Programs

Dates	30 <sup>th</sup> June – 27 <sup>th</sup> July	14 <sup>th</sup> July – 10 <sup>th</sup> August
Full Price	Four-week programs cost £11,795. Additional Taster Courses cost £395 each. A maximum of 4 tasters per program.	

## Six-Week Programs

Dates	30 <sup>th</sup> June – 10 <sup>th</sup> August
Full Price	Six-week programs cost £17,595. Additional Taster Courses cost £395 each. A maximum of 6 taster courses per program.

Discounts	Take Advantage of our Early Bird Discounts – see our website for more details.
Ages	All our programs are designed for students aged between 14 - 18.
Accommodation	Students stay in Cambridge University College accommodation.
Application	Apply online at <a href="http://www.reachcambridge.com">www.reachcambridge.com</a>

If you are joining us for four weeks in the summer, you will have the opportunity to choose the same course or two different subject courses. If you are joining us for six weeks, you can choose up to three different subject courses.

You can add a maximum of two taster courses for every two -week program in Cambridge. Each taster course is 5 hours, usually split across two afternoons. Please note, each taster course involves missing two afternoons of activities and free time.

# Courses Available



## Courses

Architecture	Liberal Arts
Biotechnology	Mathematics
Business Management & Economics	Medicine & Life Sciences
Computer Science	Philosophy
ENG4U English Canadian Credit	Physics & Astronomy
Engineering	Politics & International Relations
English Language & Leadership	Psychology
English Literature and Creative Writing	SAT Preparation
Global Leadership	Social & Political Sciences
Journalism & Media	STEM
Law	

## Taster Courses

Community Outreach	Introduction to Psychology
Creative Writing	Introduction to Robotics
Cybersecurity & AI	Music Composition
History & Politics	Philosophy & Ethics
Introduction to Architecture	Pre-Hospital & Emergency Medicine
Introduction to Coding	Study Skills
Introduction to Economics	Young Leaders

## Typical Weekday

Time	Activity
Breakfast	
9am – 1pm	Academic Tuition
Lunch - free time	
Afternoon	Taster course / Activities
Dinner	
Evening	Lecture
	Activities
Evening curfew	

## Excursion Day

Time	Activity
Breakfast	
Full day excursion	
Past excursions have included: London, Brighton, Oxford, Stratford-Upon-Avon and Warwick Castle	
Dinner - own arrangements	
Evening	Activities
Evening curfew	



# Academic Courses: Sciences



## Cutting-Edge Research

In our STEM courses, as a part of academic enrichment, students are exposed to the latest scientific innovations and research and development work that is carried out before a product/ test is released into the market.

By way of example, in our biotechnology, medicine and life sciences courses in recent years we have completed research projects on drug design using bioinformatic tools, DNA fingerprinting using restriction fragment length polymorphism and the expression of green fluorescent proteins in bacteria.

This academic enrichment approach is taken across our STEM subjects: Biotechnology, Computer Science, Engineering, Mathematics, Medicine & Life Sciences, Physics & Astronomy. Those students wishing to experience a combination of different scientific disciplines may choose our STEM course.

## Biotechnology

The Reach Cambridge Biotechnology course introduces students to both the academic study of biotechnology and its fascinating practical applications in the real world.

This fast-growing area of modern science has the potential to fundamentally alter how we produce food, treat disease and create medicines. Topics covered include genetics, drug resistance, pharmaceutical science, biotechnological devices and drug design. Through lectures by experts in the field and hands-on practical sessions, students gain a unique insight into both the study of biotechnology at university and the vocational opportunities in the field beyond higher education. As a part of academic enrichment, students are exposed to the latest scientific innovations, and to the research and development work that is carried out before a product/test is released into the market.

This exciting and dynamic course is a challenging but rewarding program for all those who have a passionate interest in biotechnology and biological sciences.

## Medicine & Life Sciences

Whether you're passionate about human biology, intrigued by medical technology or driven to become a doctor, the Medicine & Life Sciences course is the ideal Reach Cambridge course for you.

This intensive two- or four-week course offers a unique combination of lectures, practicals and excursions. As a part of academic enrichment, students are exposed to the latest scientific innovations, and to the research and development work that is carried out before a product/test is released

into the market. These are led by a variety of experienced and successful academics - many of whom are Cambridge alumni - working in the highest tiers of their fields at the cutting edge of biological and medical research.

Students can expect plenty of hands-on experience, from conducting an electroencephalogram (EEG), to learning how to perform medical observations and emergency resuscitation. Through a dynamic mixture of classes, guest lectures and interactive workshops, students will have the opportunity to explore contemporary medical issues in a supportive academic environment. It is the perfect course for anyone considering a future in medicine or biological science!



## Engineering

For those fascinated by how things work, our Engineering course is the perfect opportunity to satisfy curiosity and inspire future studies. This course gives students a theoretical overview of relevant concepts as well as hands-on experience of how these concepts are applied in the field. By examining topics such as force, pressure, strength, stress, materials, aerodynamics and fluid mechanics, students gain a thorough basis in the ideas which shape the world of engineering and structures. In a series of projects and challenges, from bridgebuilding to electronic circuits, the students develop a range of skills necessary for any future engineer.

In our STEM courses, as a part of academic enrichment, students are also exposed to the latest scientific innovations, and to the research and development work that is carried out before a product/test is released into the market. Whatever career you pursue, a background

in Engineering is sure to enhance employability. Our course pairs the perfect introduction to further study with wide-ranging, versatile skills and knowledge students can begin utilising in their interactions with the world around them right away.

## Physics & Astronomy

Having produced the likes of Isaac Newton and Stephen Hawking, Cambridge is the very best place to study physics in all its forms. The Reach Cambridge Physics & Astronomy course introduces students to a range of subjects taught by scientists at the cutting edge of physics research, such as nuclear physics, particle physics, nanotechnology, astrophysics and relativity. Students are also taught the mathematical basis for many of these exciting topics, to help familiarise them with the basic logical principles at work.

The course includes exciting elements of Astrophysics and Astronomy, introducing students to the latest advances in human exploration of the Universe and our knowledge of its beginnings.

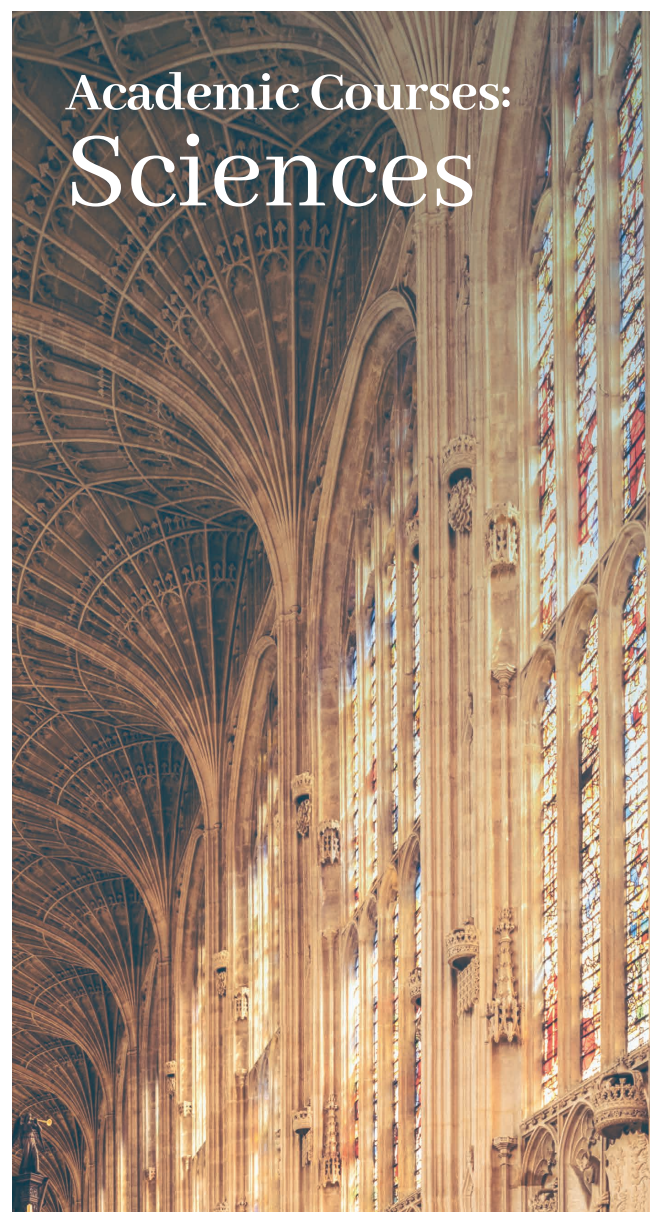
In our STEM courses, as a part of academic enrichment, students are also exposed to the latest scientific innovations, and to the research and development work that is carried out before a product/test is released into the market. The course is taught through a mixture of lectures, discussions, practicals and problem-solving tasks, with a strong emphasis on developing students' skills in the subject as well as increasing their knowledge.

## Mathematics

Home to numerous Fields Medal winners, Cambridge is one of the very best places to gain an introduction to university-level mathematics. The Reach Cambridge Mathematics course provides students with the unique opportunity to engage with advanced concepts in mathematics in a rigorous academic setting.

By studying topics such as polynomials, differentiation,





## Academic Courses: Sciences

### Computer Science

Where better to study computing than at the university which produced Charles Babbage, the father of modern computer science?

The Reach Cambridge Computer Science course is designed to equip students with everything they need to develop their programming, coding and mathematical skills. Whether students are aiming to create bestselling smartphone apps or become leading software engineers, this course is the perfect way to take their first step in that direction. Areas to be covered include algorithms, computational system design, information and coding theory, and programming language theory.

In our STEM courses, as a part of academic enrichment, students are also exposed to the latest scientific innovations, and to the research and development work that is carried out before a product/test is released into the market. Our expert teachers work from students' existing knowledge to build up skills in and understanding of this increasingly important discipline. Providing concentrated tuition in computer science, this course will leave students better able to master the machines which make the modern world.

### STEM

Interested in a future in science but not sure which discipline to choose? STEM (short for Science, Technology, Engineering, and Mathematics) is one of the hottest academic subjects of the 21st century, and here at Reach, we understand why.

The Reach Cambridge STEM course combines hands on learning with theoretical knowledge from each of STEM's four key areas to set students up with information from which they can go on to investigate and discover themselves.

In our STEM courses, as a part of academic enrichment, students are also exposed to the latest scientific innovations, and to the research and development work that is carried out before a product/test is released into the market. Ideal for students who are curious about how the world works, STEM at Reach is ambitious, exciting, and inspiring, without being intimidating. Come to the academic home of Newton, Darwin, Hawking, Ramanujan, Oppenheimer and so many more. With our qualified and inspiring STEM tutors, discovering the world of science is now more exciting and accessible than ever!

integration, matrices, probability, statistics and game theory, students have a chance to enhance their theoretical understanding of the subject, build confidence in their computational skills, and apply their abilities to real-world scenarios. Students are also encouraged to think critically about equity in maths and science education around the world. This course encourages students to explore the diverse forms that mathematics can take and to think about both abstract theoretical approaches and practical applications. In our STEM courses, as a part of academic enrichment, students are also exposed to the latest scientific innovations, and to the research and development work that is carried out before a product/test is released into the market. With expert support from our experienced teaching staff, students will be able to realise their mathematical potential!

## Academic Courses: Social Sciences & Humanities



### English Literature & Creative Writing

The Reach Cambridge English Literature & Creative Writing course introduces students to subjects beyond the scope of their current school courses, thereby offering them a flavour of English Literature at university level. Students will study drama, poetry and prose, and explore different literary movements such as the Renaissance, the Romantic period, and our Postmodern age.

Complementing their literary tuition with diverse exercises in creative writing led by professional writers, this course encourages both critical and creative thinking. Students will also participate in enriching trips to the theatre and local excursions to extend their learning beyond the classroom.



### Business Management & Economics

The Reach Cambridge Business Management & Economics course aims to provide a broad introduction to the subjects, suited to those simply curious about the modern economic world, as well as those interested in pursuing these topics at university. By studying economics in Cambridge, you will be following in the footsteps of Malthus, Keynes, Sen and Stiglitz, to name just a few. Topics covered in the course include development, globalization, the place of the firm in the economy, inequality and macroeconomic management. The course is designed to allow students to make their own judgements about the most appropriate approaches to economic problems. Students are presented with a range of perspectives, allowing them to see economics as a rich, pluralist academic discipline.

The business management aspect of the course features sessions centring on markets, firms and development. Exploring topics such as strategy, marketing, finance and entrepreneurship, this course will give students an insight into the mechanisms at the heart of the modern business world.



## Academic Courses: Social Sciences & Humanities



### Law

The law provides the framework which governs our individual and collective behaviour. Studying the law is therefore not only an incredibly stimulating intellectual activity, but can provide real insight into the rules and guidelines which shape whole societies.

The Reach Cambridge Law course offers a vibrant introduction to the study of law, exploring a range of modules including criminal law, international law, human rights law and constitutional law. This academically rigorous course comes to life through the study of real cases, which also provides the opportunity for students to develop invaluable skills in debating, public speaking, researching, and presenting an

argument. Focusing on both UK and international law, this course encourages students to think critically about legal issues facing the world in the 21st Century.

This dynamic course will help students to understand the range of career opportunities in the sector and introduce them to both the academic complexities and the vocational opportunities of the subject.

### Journalism & Media

With the rise of the Internet and social media, there's never been a more exciting time to study journalism and media. In this age of instant global communication, understanding the workings of the mass media is undeniably important.

The Reach Cambridge Journalism & Media course is designed to inform students about the modern media landscape whilst allowing them to undertake real journalistic tasks. Students explore key issues in contemporary journalism such as sources and veracity, journalistic ethics and online reporting. Students are introduced to the practical skills of writing and editing as well as enjoying an exciting series of workshops on topics such as photojournalism and video broadcasting.

This is a vibrant and challenging course for students who want to think critically about the nature and values of journalism, while simultaneously gaining invaluable hands-on experience in real-life journalistic practice.

### Politics & International Relations

The Reach Cambridge Politics and International Relations course provides students with a fascinating introduction to both political thought and the workings of existing national and international political structures, giving them the opportunity to discuss and debate the fundamental questions of political life. Covering a broad range of topics within the disciplines, the course will examine key political thinkers such as Mill, Hobbes and Marx, before exploring how their ideas can be applied to both societal and global affairs. This course will give students a deep insight into the forces and constraints which influence nation-states within the international state system, while encouraging them to

reconsider how they conceive the world as they know it.

Whether interested in the subject at university or intrigued by political questions, this course will provide students with an enormously enriching understanding of national and international politics.

### Philosophy

One of the oldest academic disciplines in the world, philosophy has changed a lot since its Ancient Greek founders walked barefoot through cities and gathered on picturesque hills. But in other ways, it hasn't changed so much at all. Consider the big questions alongside giants from the past like Socrates, Plato and the dozens of more contemporary philosophers who show us who we are by asking the big questions. Introducing key concepts and schools of thought from throughout the history of philosophy, this course also includes a key focus on the development of critical thinking and argumentation. What is a good argument? What is real? How should we be governed? What is art? Students will explore the parameters of 'the philosophical' and investigate the place of philosophy



“

*Law was the best course I've ever taken. I really learnt a lot and it helped guide me to what I want to become in life."*

**Eric, Australia**  
Law

in everyday life. This hugely stimulating course will invest students with key transferable intellectual skills and provide an unforgettable academic experience.

### Psychology

When it comes to Psychology, understanding why people behave the way they do is just the tip of the iceberg. The Reach Cambridge Psychology course aims to provide students with a broad and engaging introduction to the many different areas of the discipline as it can be pursued at university level. From the workings of cognition to the ethics and methodology of psychological research, this intensive course equips students with a firm understanding of the many varied strands which make up this heterogeneous subject.

Whether delving into the nature of memory or examining the mainsprings of obedience and authority, students will be invited to consider the fundamental questions of psychology and encouraged to contribute their own opinions to discussion. The course will touch upon a wide range of research areas such as cognitive psychology, social psychology, neuroscience, psychopathology and developmental psychology.

If you have ever wondered how the brain works, how society influences the individual, why people obey others, or how the mind develops through childhood then this is the course for you!

### Social & Political Sciences

Interested in the humanities but not sure whether you want to be a psychologist or philosopher, politician or entrepreneur? Taking inspiration from popular university courses such as Philosophy, Politics & Economics (PPE) and Human, Social & Political Sciences (HSPS), the Reach Cambridge Social Sciences course allows you to approach social phenomena from a variety of complementary disciplinary directions and analytical frameworks. From discussing the ethics of various international legal systems and governmental structures, to understanding the reasons why humans behave like we do, this course provides a perfect general introduction into the humanities, and will allow you to discover the area of study that matters most to you.



# Specialist Courses



## ENG4U Grade 12 English

Reach is one of the few summer schools able to offer the Ontario credit courses thanks to our long-term partnership with fully accredited Canadian teachers. We offer classes in Grade 12 English for those students continuing with their grades. Students join a Canadian Credit class and complete their grade during our 4 week program. This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a range of challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create

oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. Students will be required to do research assignments on a variety of topics and will be encouraged to use the web as a source of information.

Please note, the ENG4U course is a hybrid course. The main part of the course will take place from 30<sup>th</sup> June – 13<sup>th</sup> July in Cambridge and the first part will be online in late June. Specific dates will be shared nearer the time.

## English Language & Leadership

It has never been more important to communicate across cultures and borders. Intercultural and inter-linguistic exchanges expand our understanding of the world and help us to understand our difference. That is just part of why, here at Reach, we're so proud to have students from all over the world and from so many different cultural backgrounds come to visit us in Cambridge each summer. Join this linguistic, cultural exchange and improve your English with the Reach Cambridge Language & Leadership course.

This course explores all of the main components of improving your English language skills, no matter your starting-level, but further allows students to put their linguistic skills to use right away, in active discussion, intensive projects, explorations of Cambridge, and more. Learn to read, write, and communicate orally in English while tackling the 21st century's biggest questions and working together to make a plan. Our goal: to make the world a more open and hospitable place for everyone.

## Global Leadership

To be a global leader requires many things: vision, compassion, ambition, determination, and grit, to start. But it also requires concrete skills to help you get from an initial idea to putting your plan (or someone else's) into action while nurturing the community around you. Combining active discussions about the state of the world and how we can each make a difference with key foundational skills; the Reach Cambridge Global Leadership

course is equal parts practical and aspirational. Initial lessons include everything from how to study more effectively, how to wow an audience while communicating key information, how to create a persuasive argument, how to nail that first interview and more, but the course also expects students to bring their big ideas to the table. This is a challenging but stimulating and ultimately rewarding course both for students who already have a leadership vision and students with big hearts who want to make a difference but don't know where to start.

## SAT Preparation

This course is for students interested in studying in the USA, and provides complete preparation for the SAT, the admission examination required by American universities. The course covers all three topics assessed as part of the SAT - Writing, Critical Reading, and Mathematics. Students are taught the theoretical foundations necessary to succeed in this examination as well as exam techniques. This teaching will be supplemented by taking practice papers and in-depth reviews of the results, to help develop the skills and knowledge crucial to success in SAT examinations.

Students are supported by excellent, experienced teachers who will help them get the most out of their learning experience.

“

*I really improved my speaking skills, and staying in Cambridge also helped me to understand English better. "*

Estelle, France  
English Language







# Taster Courses

Can't decide what to study? Add up to two taster courses to your main subject course. All Taster Courses below are available throughout the summer programs and include five hours of classes spread across weekday afternoons. You can choose a different taster each week to make the most of your time at Reach and explore all the areas that interest you!

Add up to one taster per week of the summer program for only £395 each.

## Community Outreach

Reach Cambridge is proud of its excellent links with UK-based charities. Through this exciting taster, students can earn ten community outreach hours, learn valuable skills in teamwork and project management, and take part in a project that makes a real difference.

Our Community Outreach Taster Course is offered at a discounted price of £150.

## Creative Writing

During the Creative Writing taster course, students learn a range of strategies that help them develop as a writer. With activities designed to spark creativity and exercises aimed at advancing composition skills, this taster helps students to explore their full creative potential. Whether students are interested in writing fiction, poetry or articles, they will find this enriching taster to be a perfect addition to any one of our summer programs.

## Introduction to Architecture

Cambridge is a beautiful city, boasting 800-year-old architecture, modern structures, and everything in between. This provides an inspiring backdrop for introducing students to the study of architecture as an academic practice. From the creative and expressive to the technical and precise, this taster course provides a fascinating introduction to the way in which architects think and design. Students have the opportunity to create their own basic designs and find out more about the different career opportunities in architecture.

## Introduction to Coding

Learning to code is essential for all those who wish to stay on track with the rapid technological advances of the modern world. In this taster course, students learn the basics of programming and create their own algorithms, similar to the ones behind our computers, iPhones and webpages. It's perfect for those who have no prior experience with programming and want to learn this useful and fascinating 21st century skill!

## Introduction to Economics

Which nation will be the next economic powerhouse? What is money? How do banks work? If you want to find out answers to these questions while also learning the foundational principles of economics, this taster course is ideal for you. No previous knowledge required!

## Introduction to Robotics

Fancy becoming the next Elon Musk? Start with our Introduction to Robotics taster where you will learn the basics of electronic circuits by building them with your own hands. You will design and construct your own device, and emerge with knowledge and skills needed to begin your journey towards building your own self-driving car!

## History & Politics

There may be no better place to look at past, present or future, than the heart of Cambridge where medieval buildings have long been paired with cutting-edge research to help drive the UK and the world onwards. Taking students out of the classroom to look at history in person as well as in theory, this taster examines where we've come from, in order to understand where we are going. War, politics, monarchy, discovery - the past is always within us, even in the cobbles beneath our feet!

## Music Composition

Have you ever wondered how film scores and music for advertisements are developed? If so, this taster course is for you! Put your creative hat on and incline your ears in order to make your own music under the supervision of professional musicians and composers.





# Taster Courses

## Pre-Hospital & Emergency Medicine

Have you always wondered what really happens inside the ER? What to do in case of an accident? How to help a person collapsing in the subway? Taught by passionate professionals with extensive experience in teaching emergency medicine, this fully practical taster course will help you to gain life-saving skills whilst having fun!

## Introduction to Psychology

Psychology examines the human mind, behaviour and experience, through both scientific research and conceptual theorising. From Freudian psychoanalysis to the latest advances in brain-scanning, Psychology addresses the question of what it is to be human through a focus on the way we think and act. Requiring both rigorous scientific method and profoundly open thought, no other subject addresses both the Sciences and the Humanities in quite the same way. We provide students with an engaging introduction to the many different areas of the discipline that can be pursued at university level.

## Philosophy & Ethics

Do you ever wonder about the big questions like what it means to be alive, or how to be good in a world as complicated as ours? Philosophers have been asking these questions for centuries and some of their suggestions may surprise you. This taster asks students to dig in deep and bring their thinking caps with them for sessions all about reality and our place in it. Based on lively, respectful debate and deep contemplation, this taster is perfect for anyone looking to challenge their assumptions and expand their mind.

## Young Leaders

What does it take to be a young leader? In a world as bustling and busy as ours is today, stepping up to make a difference can be a daunting task. In the Young Leaders taster course, students explore these questions with experienced leaders in their own rights. Together, students ask the hard questions, mind-map techniques they can use to make the impact they want to see, and feel empowered to be mature, outspoken and passionate young people in the world today.



## Cybersecurity & AI

This course combines the two exciting and important disciplines of cybersecurity and artificial intelligence (AI). Cybersecurity is one of the most pressing challenges of our time and developments in artificial intelligence are progressing at a rapid pace. In this taster course you will receive a solid introduction to these exciting areas of study

## Study Skills

What does it take to succeed in university and in life? How can you take care of yourself, emotionally and psychologically, while doing your best every step of the way? Complement your passion for learning with concrete skills to help you thrive and succeed, through sessions covering everything from revision techniques and exam preparation, to essay writing, interview skills and more.



*Reach Cambridge has been the best thing I've ever been a part of. I absolutely loved every second of it. I've enjoyed not only the lessons, but also all of the fun activities."*

Zazu, Indonesia  
English & Performing Arts





# Activities



Our experienced team of supervisors puts together a varied activity timetable, so that all Reach Cambridge students have the opportunity to participate in a broad range of activities. Not only does this give students a way to relax after classes, it also provides a fantastic opportunity to meet other students and form long-lasting friendships. Our activities include a variety of different sports in which students are encouraged to participate.

For those interested in the Arts, we offer a drama group, dance workshops and art sessions run by our dedicated supervisory team. A wide variety of other activities, which may range from debating to photography and from music to talent shows, are also available for all students to enjoy. A highlight of the extra-curricular aspect of the Reach Cambridge program is the World Fair, a special event during which students share their cultures and learn about one another's countries, making the most of the program's international environment.

Students will also have plenty of time to explore Cambridge with their new friends in a safe and supervised environment.



# Excursions

Our excursions allow students to explore the culture and history of the UK with their new friends, complementing their chosen academic courses. All Reach Cambridge students enjoy supervised visits to world-famous locations outside of Cambridge, such as:

**Oxford:** Oxford is home to the UK's oldest university, a wide variety of impressive museums, and many shops, restaurants, and cafes. Even though it is Cambridge's historic rival, we have to admit, it is a beautiful city to visit!

**London:** No trip to the UK would be complete without a visit to England's bustling capital city, packed with famous landmarks, theatres, museums, and shops.

**Stratford-Upon-Avon:** Visit the birthplace of William Shakespeare and enjoy the charms of this quaint English town. Culture vultures can also see a play at the Royal Shakespeare Company theatre.

**The Coast:** The British seaside is a tourist favourite and at Reach we think this is the perfect place for students to relax, stroll on the beach and enjoy that classic British dish: fish and chips on the pier.

**Palaces & Castles:** Britain is famous for its many beautiful palaces and castles, offering students a great insight into British history and culture. Previous programs have included trips to UNESCO World Heritage site Blenheim Palace, London's Royal Maritime Museum and Warwick Castle.

**Theatre Trips:** Where better to enjoy the dramatic arts than in the bard's own country? Students have the opportunity to see Shakespeare plays in the Globe Theatre in London or the Royal Shakespeare Company in Stratford-upon-Avon.





# Interdisciplinary Day & Evening Lectures

# What's Included?



All of our programs offer an exciting, interactive lecture and workshop series. These take place outside of class time and provide a unique opportunity for all of our students to come together and explore academic and vocational topics as part of a broader learning community.

## Interdisciplinary Debating Day

The growing emphasis on interdisciplinary learning in today's education system underscores its significance. Incorporated into every summer program is an Interdisciplinary Day designed to provide students with insights into how different fields of study converge to address research challenges and deliberate real-life case studies. Moreover, it equips them with essential debating skills, argumentation techniques, and the art of justification. The pinnacle of this experience is a real debate conducted in the exceptional surroundings of the Cambridge Union debating chamber.



## Evening lectures

Our university-style evening lectures are delivered by a dynamic mix of industry professionals and leading academics from a variety of disciplines. Past evening talks include an African Drumming Workshop, AI: Friend or Foe?, Arctic Exploration, Problems Facing Mainstream Media, Positive Psychology, Film Music Composition, Astrophysics and The Life of Flying. They aim to inspire students and encourage them to consider and engage with a diverse range of topics outside of their chosen academic discipline.

At Reach Cambridge, we provide the full package. We aim to make things as easy as possible for our families when planning their experience with us.

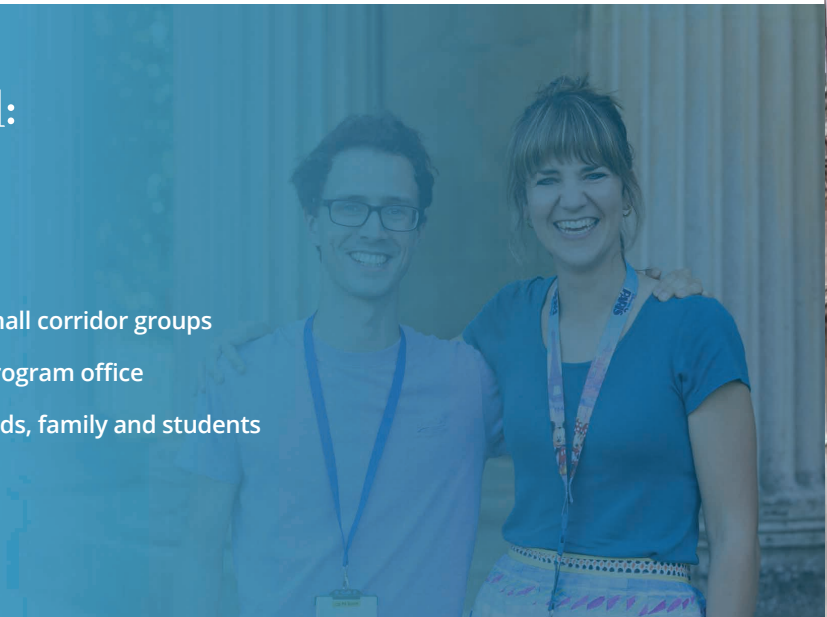
## The summer program cost includes:

- ✓ Reside in Cambridge University College accommodation
- ✓ 24-hour onsite supervision
- ✓ 20 hours academic tuition per week
- ✓ Guest Lectures by leading academics on global themes & University Life
- ✓ Practical workshops (including leadership, interview skills and public speaking)
- ✓ Two meals a day\*
- ✓ Fun, inclusive & exciting activities and events every afternoon and evening
- ✓ Coach excursions to exciting cultural highlights in the UK (2 excursions for each 2-week period)
- ✓ End of Program Graduation Celebration
- ✓ Course Certificate
- ✓ Course Report including a suggested academic reading list for the future
- ✓ End of program photo or postcard (designed by students on the program)
- ✓ Optional supervised airport transfers to and from London Heathrow to Cambridge (See our travel tab for more info)
- ✓ International Student Travel Insurance

## For peace of mind:

- ✓ 24-hour onsite supervision
- ✓ Dedicated welfare staff
- ✓ Students accommodated in small corridor groups
- ✓ Reach Cambridge dedicated program office
- ✓ Daily program blog for all friends, family and students

*\*only breakfast on excursion days*





## Further Details



## How to Apply

Applications are made online at [www.reachcambridge.com](http://www.reachcambridge.com). The process is straightforward:

1. Complete a simple application form.
2. Payment of the deposit holds your place on the program.

We will also ask each student to write a personal statement to better understand (a) their motivation and objectives in attending the program and (b) their academic background and aspirations for the future. This will help ensure our course teachers can tailor the academic experience appropriately. If we feel it is necessary, we may also ask for a copy of a student's latest school transcript. This will also help indicate to us your level of English.

Completion of further sections, including medical information, insurance details, as well as the full balance payment, are required by the application deadline.

## Staff and Supervision

All Reach Cambridge activities and excursions are supervised, and Reach Cambridge senior staff and supervisors live on-site alongside the students and are available 24 hours a day. Many of our supervisors are current undergraduates

and are the students' first point of contact to attend to their questions or concerns. Upon arrival, students are given a welcome talk, which outlines curfew times, program structure and safety procedures. All students are given emergency cards with the contact details of the Reach staff and the students' accommodation. Students must carry these emergency cards at all times.

At Reach Cambridge, the safety and welfare of our students is our number one priority. Our experienced senior staff work together with our supervisors and teachers to ensure that our students have the opportunity to grow in confidence and enjoy their independence in a safe and supervised environment. Many of our staff are first-aid trained and we have dedicated welfare staff, all of whom operate under clear procedures and guidelines to ensure that we can provide the students with the highest level of care and support.

Our inspiring team of teachers work closely with our Director of Curriculum to provide the highest quality subject courses. Many of our teachers are working or studying at high-level academic institutions such as the Universities of Cambridge, Oxford or London. They are usually professors, researchers and postgraduates, all of whom are specialists in their field. We also draw upon practising professionals to share their expertise and experiences. Here at Reach, our teachers have significant autonomy in creating their courses so that they can utilise their expertise fully.



## Accommodation

Students are accommodated in same-sex dormitories. Whilst students are grouped with others of the same gender and a similar age, there is a mixture of subjects and nationalities, allowing students to make friends from across the world. Reach Cambridge staff stay on-site. Students stay in Cambridge University college accommodation.

## Travel

As students arrive from all over the world, they are responsible for arranging their own flights. Reach Cambridge offers an optional airport transfer service every arrival and departure day for London Heathrow airport. We will ensure that you are met in person and taken directly to your Cambridge campus in comfort. It's also the perfect chance to meet other Reach students at the airport and start making friends from the moment you arrive!

Full details are available on the travel section of our website. Students may also choose to travel to Cambridge alone or with their families.

## Insurance and Visas

As part of the Reach Cambridge package, we offer International Student Travel Insurance for all individual students joining us in the summer. For more information please visit our website.

As Reach Cambridge is accredited by the British Accreditation Council, we can supply a letter to support a students' application where required. For more details regarding visas, please visit the travel page on our website.



*Reach Cambridge breaks national barriers and brings other nationalities together."*

Larissa, USA  
Politics & International Relations



## Entry Requirements

All Reach Cambridge programs are open to students aged between 14-18 years old from all over the world.

We will ask each student to write a personal statement to better understand (a) their motivation and objectives in attending the program and (b) their academic background and aspirations for the future. This will help ensure our course teachers can tailor the academic experience appropriately. If we feel it is necessary, we may also ask for a copy of a student's latest school transcript.

All courses are taught in English. In order to get the most out of the learning experience, students are advised to have a level of English conducive to understanding sophisticated academic language and to converse with other students and staff in English at all times. We do offer an English Language & Leadership course during our summer programs if you, or we, feel that this is more appropriate. A student's personal statement will help indicate their level of English and students taking our English Language course will be given a level test prior to the summer.

## Bring a Group

We welcome school groups from around the world to Cambridge throughout the year.

By bringing a group of students to our summer programs, students enjoy this once-in-a-lifetime experience at a competitive group rate.

Schools also join us for bespoke programs, specifically tailored to the needs and requirements of their particular group. These programs can take place at any point throughout the year.

For more information, contact us on:  
[groups@reachcambridge.com](mailto:groups@reachcambridge.com)



# Experience Academic Excellence Online

Available during the summer & throughout the year

Find out more at [www.reachcambridgetutors.com](http://www.reachcambridgetutors.com)



We offer highly personalised, expert one-to-one and group tuition for students all over the world aged 13-24. With over 15 years of experience in providing academic excellence, and an exceptional group of teachers from world class academic institutions such as Cambridge, Oxford and London Universities, we are confident that this is an experience not to be missed.

Whether you are looking for extra academic support for your school subjects, would like to undertake a university-style research project, are interested in taking a short online course during the holidays or want to improve your study and leadership skills – we have the perfect online learning journey for you!

“*Reach Cambridge offered me a personalised learning experience for concepts and advice I had never been exposed to in school. Because all the sessions were tailored to enrich my individual study skills, Reach allowed me to really make the most of this course online!*”

Ciara, Australia  
Study Skills

### All our online tutoring, research projects & courses offer :

- ✓ Academic Excellence
- ✓ Flexibility
- ✓ One-To-One Teaching
- ✓ 100% Live Tuition
- ✓ Dedicated Advisors
- ✓ Over 15 Years' Experience
- ✓ Certificate & Graduation
- ✓ Money-Back Guarantee Online
- ✓ Safety with Vetted Tutors & Detailed Processes

Tuition Packages Available:	
10 hours one-to-one tuition	£995
20 hours one-to-one tuition	£1895
40 hours one-to-one tuition	£3595
5-hour enrichment courses	£395

Preferential discounts available for those who also join our summer programs in Cambridge.

## Reach Your Goals with Our Trusted Tutors



**Pre-University Courses**

Prepare for university and test-drive a subject



**Personalised Tutoring**

Tailor the subject, topics & schedule to meet your needs



**Leadership Skills**

Become a leader for positive change in the 21st Century



**Study Skills & Guidance**

Fulfil your potential with a dedicated mentor



**Exam & Interview Prep**

Develop skills to meet your targets & succeed


## Subjects Available

- Architecture
- Biotechnology
- Business Management
- Computer Science
- Creative Writing
- Economics
- Engineering
- English Language (ESOL)
- English Literature
- Exam & Interview Preparation
- Film & Filmmaking
- International History
- Introduction to Architecture
- Journalism & Media
- Law
- Leadership Skills
- Liberal Arts
- Mathematics
- Medicine & Life Sciences
- Philosophy
- Physics & Astronomy
- Politics & International Relations
- Psychology
- SAT Preparation
- Social & Political Sciences
- STEM
- Study Skills
- Sustainability

## Group Bespoke Courses

Our Bespoke Online Courses allow schools and groups to design their ideal program – we can provide a course matched specifically to the age and ability of your students, to your particular school curriculum and academic interests, for whatever time of year suits your school best. We dedicate ourselves to providing each group with an academically challenging, enriching and unforgettable experience.

For more information, please email [groups@reachcambridge.com](mailto:groups@reachcambridge.com)



“*Now I am clearer on what I want to do in the future and more motivated about the next steps that I have to make in my career path.*”

Miguel, Spain  
Sustainability

... or design your own course