

AI+ Interdisciplinary Research & Application 2026

Cambridge, UK

Delivered in association with



The AI + Interdisciplinary Research & Application Programme introduces students to the methodological application of artificial intelligence across diverse disciplines. Through project-based learning and applied research, the course examines how AI techniques can be systematically integrated into different fields to investigate problems and generate interdisciplinary solutions that extend beyond any single domain.



Scan the QR code to learn more.

Contents

02	04	06
Welcome	CL Global Academy	Our Founding Principles
08	10	12
The College Experience	The College Experience	Discovering Cambridge
14	18	20
Academic Provision	Leading Instructors	Course Selection
22	24	25
Our Fellows Team	Cultural Experiences	Activities
27	29	30
Formal Dinner	How to Apply	Links



Dear Students and Families

Welcome to the AI + Interdisciplinary Research & Application programme, where we are dedicated to empowering ambitious students from across the globe to excel, innovate and shape their futures.

It's my privilege to introduce you to an opportunity that not only deepens academic knowledge but also transforms students into confident, well-rounded global citizens ready to take on the world.

We offer more than just world-class teaching. Our courses combine personalised instruction from Cambridge professors with hands-on project-based learning, all in an environment designed to help students thrive. What truly sets us apart is the cultural immersion we provide: our activities, events and trips are led by Cambridge students who serve as both local guides and mentors.

Through this unique lens, participants gain a deeper connection to the city, its history and its vibrant academic community—an experience that will stay with them for years to come.

I know firsthand how transformative a Cambridge experience can be. As a former student myself, the lessons I learned extended far beyond the classroom. I grew not only as a scholar but as an individual, discovering new strengths, forming lifelong friendships and building the foundations for my future. Cambridge is a place where curiosity is rewarded and where pushing beyond your comfort zone leads to extraordinary growth—both academically and personally. Some of my most cherished memories were made here, and I know this experience has the same potential to shape your journey.



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Students don't just prepare for their next steps in education—they gain the skills and insights necessary to stand out in a **globalised world.**

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At the core of the AI + Interdisciplinary Research & Application Programme is three guiding principles: Academic Excellence, Collaboration and Global Perspective. Through our rigorous academic approach, collaborative projects and exposure to diverse viewpoints, students don't just prepare for their next steps in education—they gain the skills and insights necessary to stand out in a globalised world.

So, who will you become by joining the AI + Interdisciplinary Research & Application Programme? You'll become a confident learner with the ability to adapt and succeed in an increasingly interconnected world. Equipped with critical thinking skills, a broad global perspective and a deeper understanding of your own potential, you'll be better prepared for exceptional higher education.

Whether your goal is to study at a top-tier university or develop the skills for future

career success, your time with us will be a vital step toward that future. I encourage you to read on and discover more about the course. From our world-class teaching to the rich cultural experiences that make Cambridge truly special, I believe your journey with us will be nothing short of life-changing. I look forward to welcoming you to Cambridge very soon.

Warm regards,

Harriet Knox

Academic and Programme Director

CL Global Academy

CL Global Academy is a prestigious, international education company that designs and delivers academically rigorous short courses in Cambridge. We are recognised by the Universities and Colleges Admissions Service (UCAS), accredited by the British Accreditation Council (BAC) and listed within the UK Government's "UK All-Round Education Catalogue."

At CL Global Academy, we pride ourselves on our long-standing relationships with our teaching partners at the University of Cambridge. Our courses are taught exclusively by current University faculty members, who nurture our students' interdisciplinary curiosity and diverse academic interests through project-based learning.



Accreditation

Officially accredited by the British Accreditation Council (BAC), our programmes have run continuously for nearly 15 years.

During this time, we have fostered a network of over 23,000 alumni. Among these, 20% have been accepted to top UK G5 universities, including the University of Cambridge and the University of Oxford, as well as

Ivy League institutions, such as Harvard University, the University of Pennsylvania and Columbia University.

We are recognised within the UK Government's "UK All-Round Education Catalogue", which recognises our continuous contributions to the education industry and the UK's mission to promote British education in China and across Asia.



UK Government



BAC
BRITISH ACCREDITATION COUNCIL

UCAS

Our Founding Principles



Academic Excellence

At the heart of the The AI + Interdisciplinary Research & Application course is a commitment to academic excellence. Students are guided by world-renowned experts from the University of Cambridge, who challenge and inspire them to reach their full potential. This is your opportunity to refine your skills, discover new talents and embrace curiosity. By stepping outside your comfort zone and asking bold questions, you'll pave the way for your future academic and career success.

Global Collaboration

In an increasingly interconnected world, the ability to collaborate, communicate and build cross-cultural partnerships is invaluable. This course cultivates an informed, global outlook on contemporary issues. Through interactive workshops, stimulating discussions and project-based learning, students engage with diverse perspectives, enhancing their understanding of teamwork and global citizenship.



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I have gained a more systematic perspective for approaching problems, as well as valuable knowledge about communication and collaboration within a group. I believe that in future group projects, I will work more seamlessly with my teammates.

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ALEX, A STUDENT FROM NANJING
UNIVERSITY OF SCIENCE AND TECHNOLOGY



Lasting Memories

During their time in Cambridge, students take part in unforgettable experiences, build meaningful friendships and embrace opportunities that shape their futures. Through a blend of academic sessions and enriching cultural activities, students gain fresh perspectives, essential study skills and a deeper understanding of the world, setting them apart from their peers.



31
Cambridge
Colleges

1209

A University
founded over
800 years ago

126

Nobel Prizes by researchers
affiliated with the University of
Cambridge



The College Experience

Students who join the the AI + Interdisciplinary Research & Application Programme live and study within Cambridge's historic colleges. These esteemed institutions are steeped in traditions of academic rigour and innovation, offering an authentic Cambridge experience. During their stay, students can access their college's gardens, library and communal spaces, enriching their connection to the college community and the University.

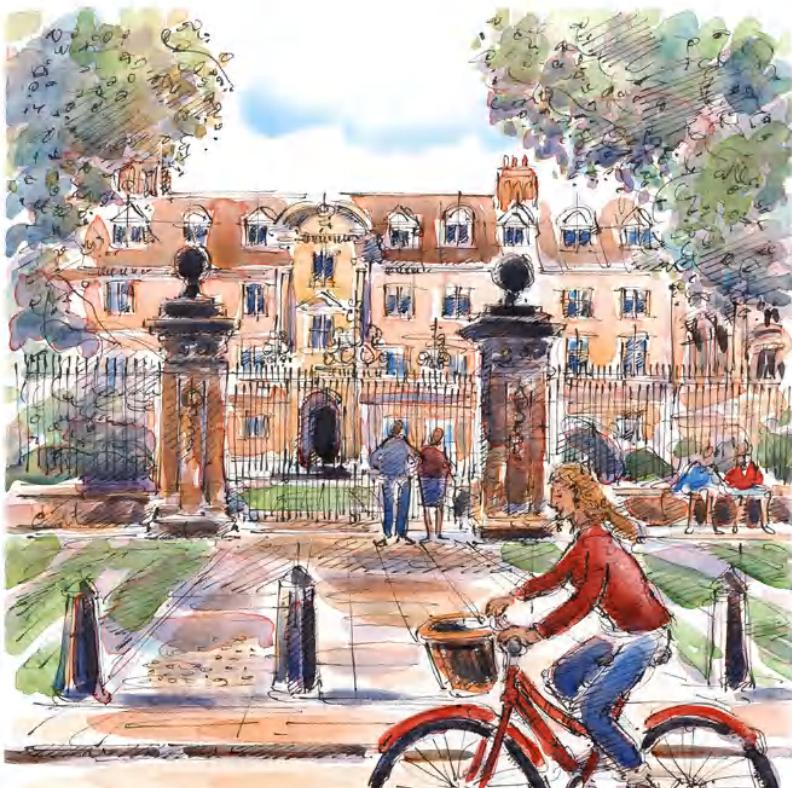


King's College Cambridge

Founded in 1441, King's College is one of the most iconic colleges in Cambridge, renowned for its central location, world-famous chapel and vibrant community of diverse scholars. During their stay, students become part of the College's rich academic and cultural legacy. They dine in the historic Hall, attend events in the Chapel and access resources that have supported some of Cambridge's finest minds, including Alan Turing, John Maynard Keynes and Xu Zhimo, whose legacy is commemorated with a memorial stone in the College grounds.

King's College fosters a culture of inclusion and intellectual curiosity, welcoming the AI + Interdisciplinary Research and Application course students into a vibrant community of learners. Staying here offers a transformative Cambridge experience, fostering lifelong connections and bold, creative thinking in one of the world's most inspiring academic settings.

St Catharine's College



St Catharine's College was founded in 1473 and boasts a rich and distinguished history of success. It prides itself on its reputation as a warm and welcoming institution located in the heart of Cambridge. During their stay, students immerse themselves in the College's prestigious history and vibrant, supportive atmosphere.

Students dine in the Hall, explore the beautiful courtyard gardens and engage with traditions that have shaped the College's legacy. Renowned alumni such as the actor Sir Ian McKellen, the British comedian Richard Ayoade and the dramatist James Shirley highlight the College's enduring influence in English culture and the arts.

Newnham College

Founded in 1871, Newnham College is one of Cambridge's historic women's colleges, established with a pioneering vision to provide exceptional education for women. The College has maintained its commitment to academic excellence, independent thinking and an open, supportive learning environment.

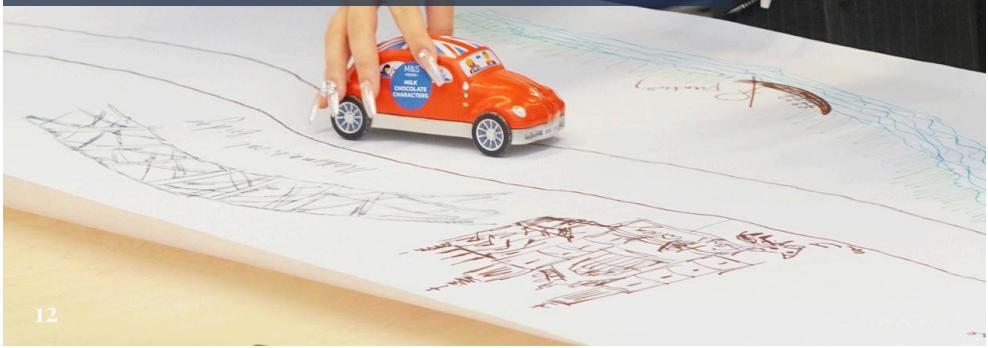
Newnham offers a beautiful and tranquil campus featuring classic red-brick buildings, spacious lawns and renowned landscaped gardens. Students can enjoy excellent facilities, including a well-equipped library, comfortable accommodation, and inviting social and study spaces.

The College is known for its strong academic tradition and vibrant community spirit. It encourages students to challenge ideas, pursue their ambitions and develop confidence as scholars and leaders.

During their stay, students experience life in a warm and inspiring college community, with opportunities to participate in enriching academic and cultural activities. Newnham's distinguished alumnae — from pioneering scientists to influential writers and public leaders — continue to shape the world across many fields.



Discover the **real** Cambridge



An Unforgettable Journey

The University of Cambridge is a world-leading institution, known for its tradition of academic excellence and groundbreaking research. With 126 Nobel Laureates and a legacy shaped by pioneers like Isaac Newton, Stephen Hawking and David Attenborough, Cambridge is a global hub of innovation and scholarship. Here, students learn from a vibrant community of scholars, innovators and industry leaders who push the boundaries of their academic fields. This forward-thinking environment fosters intellectual and personal growth.

The AI + Interdisciplinary Research & Application Programme offers the unique opportunity to join this legacy of outstanding achievement. While many students visit Cambridge, only a select few can experience it the way our participants do.

With our project-based learning model, students don't just sit in a classroom; guided by Cambridge professors, they actively participate in projects that challenge them to apply their knowledge to real-world issues. This enriches their intellectual curiosity, enhances their subject knowledge and develops critical skills in problem-solving, collaboration and independent thinking.

Beyond the classroom, we provide immersive cultural experiences. Students are hosted by our friendly team of Cambridge undergraduates, known as "Fellows", who introduce them to the city's rich history and traditions. From visits to world-renowned museums to punting along the River Cam, our students explore Cambridge through the eyes of those who know it best.





Exceptional Academic Provision

Lectures

Lectures are delivered by instructors, who are current professors and industry experts from the University of Cambridge. Each 1 hour and 30 minute lecture introduces key academic concepts and theories, encourages questions and promotes critical thinking.

Workshops

Led by instructors, workshops offer students the opportunity to further explore lecture content and start their group projects. Instructors ask probing questions and encourage students to challenge themselves.



Our academic sessions are meticulously designed to interweave core theoretical knowledge with innovative practical applications, combining rigorous content with collaborative learning.

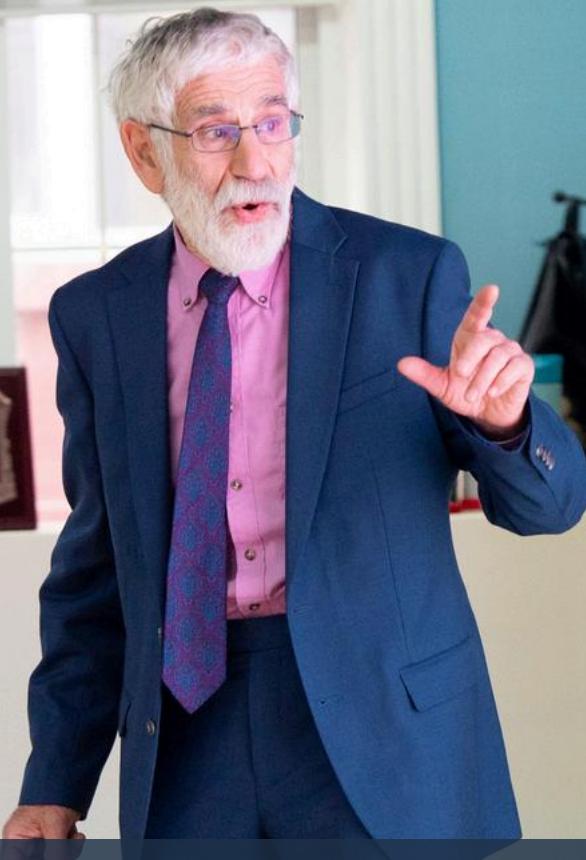
Group Study

Group study sessions are hosted by teaching assistants, who are current PhD students at the University of Cambridge. Under their expert guidance, students continue working on their group projects whilst preparing for the evaluation.

Evaluations

Students are cumulatively assessed based on several assignments completed throughout the programme. This includes a project proposal sheet, submitted before their arrival, as well as a project report and final presentation that is delivered collaboratively in their project groups.

Cambridge Teaching



Our courses are led by experienced professors and industry experts affiliated with the University of Cambridge, who guide students through every stage of their learning journey. In small, collaborative groups, students work on real-world, contemporary projects, applying their knowledge with the diligent support of

instructors who provide insights, challenge assumptions and encourage deeper exploration. This project-based learning approach allows students to develop critical skills for conducting cutting-edge research, under the mentorship of Cambridge's finest educators.

Sample Timetable

A GLIMPSE INTO YOUR SCHEDULE

Week 1

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday				
8:00										
8:30										
9:00										
9:30										
10:00										
10:30	Icebreaking & College Tour		Lecture		Fellow's Seminar					
11:00										
11:30			Supervision		FREE TIME					
12:00										
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20:00										
20:30										
ARRIVAL DAY										
COLLEGE BREAKFAST										
COLLEGE LUNCH										
DINNER (self-arranged)										
Free Time										
Group Study										
British Culture Lecture										
London & Oxford Trip Information Talk										
LONDON TRIP DAY										
FREE DAY										

Week 2

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
8:00							
8:30							
9:00							
9:30							
10:00	Workshop						
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COLLEGE BREAKFAST							
COLLEGE LUNCH							
DINNER (self-arranged)							

Leading Instructors

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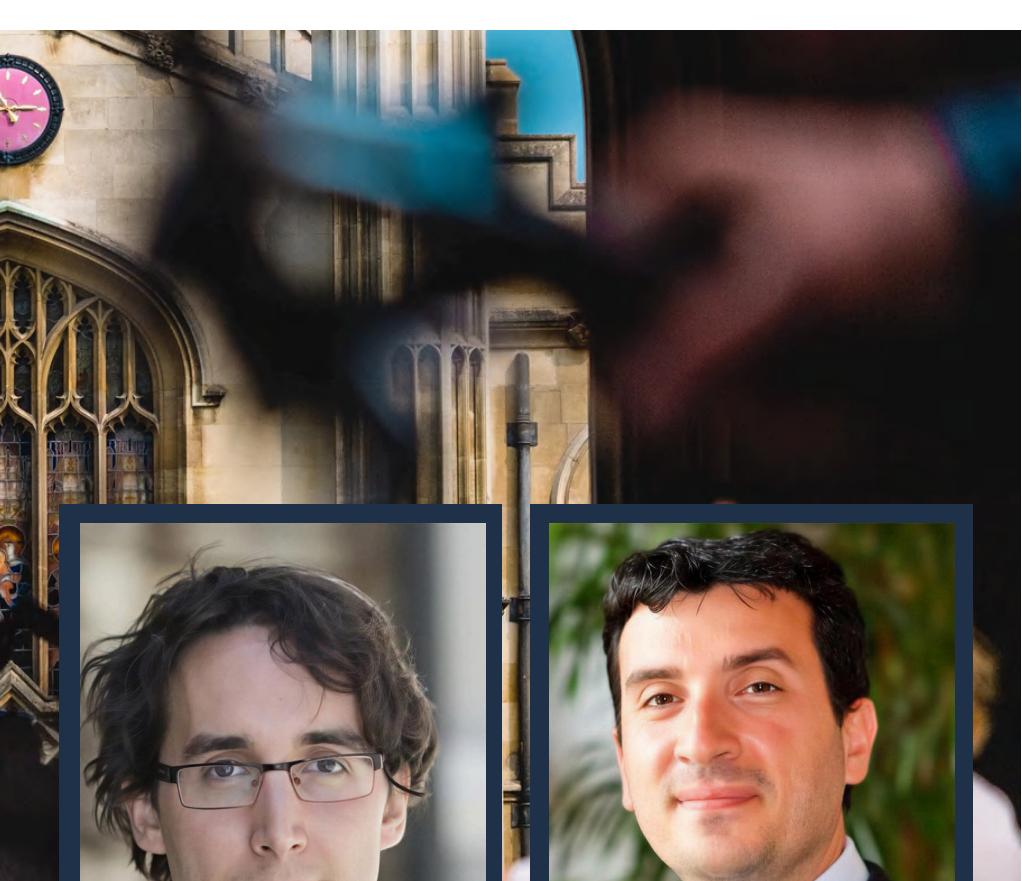
At the core of our university courses are three guiding principles: Academic Excellence, Collaboration and Global Perspective.

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Prof. Colm Durkan

- Head of Department, Department of Engineering, University of Cambridge
- Fellow of the Royal Academy of Engineering
- Professor of Nanoengineering Science, University of Cambridge
- Research interests:
Nanostructured Materials, Scanning Probe Microscopy, Nanoscale Electronic Transport



Prof. José Miguel Hernández-Lobato

- Professor of Machine Learning, Department of Engineering, University of Cambridge, UK
- Director, Cambridge ELLIS unit, University of Cambridge, UK
- Faculty member, Cambridge Center for AI in Medicine, Cambridge, UK
- Research interests:
Approximate Inference, Probabilistic Models, Bayesian Machine Learning

Prof. Nektarios (Aris) Oraiopoulos

- Professor in Operations Management, Judge Business School, University of Cambridge
- Director of the MPhil in Strategy, Marketing & Operations Programme, University of Cambridge
- Member of the Operations and Technology Management subject group, University of Cambridge
- Research interests:
Data-Driven Decision-Making, R&D Management, Technology Management

Course Selection 2026

AI in Diagnostics: Image Analysis & Bioinformatics

This course introduces students to the transformative applications of AI in healthcare, focusing on diagnostic tools, personalised treatment and predictive analytics. Designed to bridge theory and practice, the course offers expert-led sessions, contemporary projects and the opportunity to apply learned concepts to real-world challenges in the field of medicine.



Business Analysis & Entrepreneurship Innovation

Students explore the links between business analysis, entrepreneurship and AI research from a multidisciplinary perspective. The course covers how AI can help identify and define entrepreneurial opportunities, conduct market analysis and innovate operations. Students apply key principles in new and challenging ways, preparing them for a successful future in their field.

Electronic Systems & Intelligent Devices

This course explores the integration of Artificial Intelligence (AI) in the design and optimisation of electronic systems. Students will learn how AI can enhance the performance, efficiency and automation of modern electronic devices. Through practical applications, students will develop the skills to tackle complex challenges and innovate in the field of intelligent electronics.

Materials & Smart Design: Discovering Sustainable Options

This course approaches sustainability through a material science lens, focusing on Smart Design and its innovations for environmental challenges. Students will gain practical insights into sustainable solutions, combining theoretical knowledge with real-world applications to drive responsible innovation.





Biotechnology Engineering & Healthcare Technology

This course introduces students to the integration of cutting-edge engineering principles and AI technologies in revolutionising healthcare and biotechnology, with a focus on practical applications, such as medical device innovation. Students develop the knowledge and skills to drive technological advancements and innovations.

Nanotechnology & Intelligent Materials

Students expand their knowledge on the groundbreaking advancements in nanoscience and its intersection with AI in developing innovative materials for diverse industries. Students gain insights into the applications of AI in the synthesis, properties and transformative potential of nanomaterials, combining cutting-edge theory with practical applications.

Large Language Models & Generative AI

This course contemplates the transformative potential of advanced AI systems, such as GPT and DALL-E, in various domains. Students delve into the underlying principles of generative AI, its applications in fields such as science, education and engineering, and its advantages and limitations. Through interactive workshops and expert guidance, students acquire practical skills to harness these technologies for creative, impactful and ethical applications.



Deep Reinforced Learning & Robotic Automation

This course examines the role of AI in optimising robotic systems through advanced reinforcement learning techniques. Students explore key concepts in autonomous decision-making and adaptive algorithms, applying their skills to innovate and solve complex problems in robotics and automation. The course positions students at the forefront of AI research, equipping them with cutting-edge knowledge to shape the future of intelligent robotics.

Our Fellows Team

Our Fellows Team, comprised of current Cambridge undergraduates and recent graduates, plays an essential role in supporting our students. As mentors, Fellows lead students through their academic projects, city excursions and interactive activities, sharing insights into Cambridge life. Under their guidance,

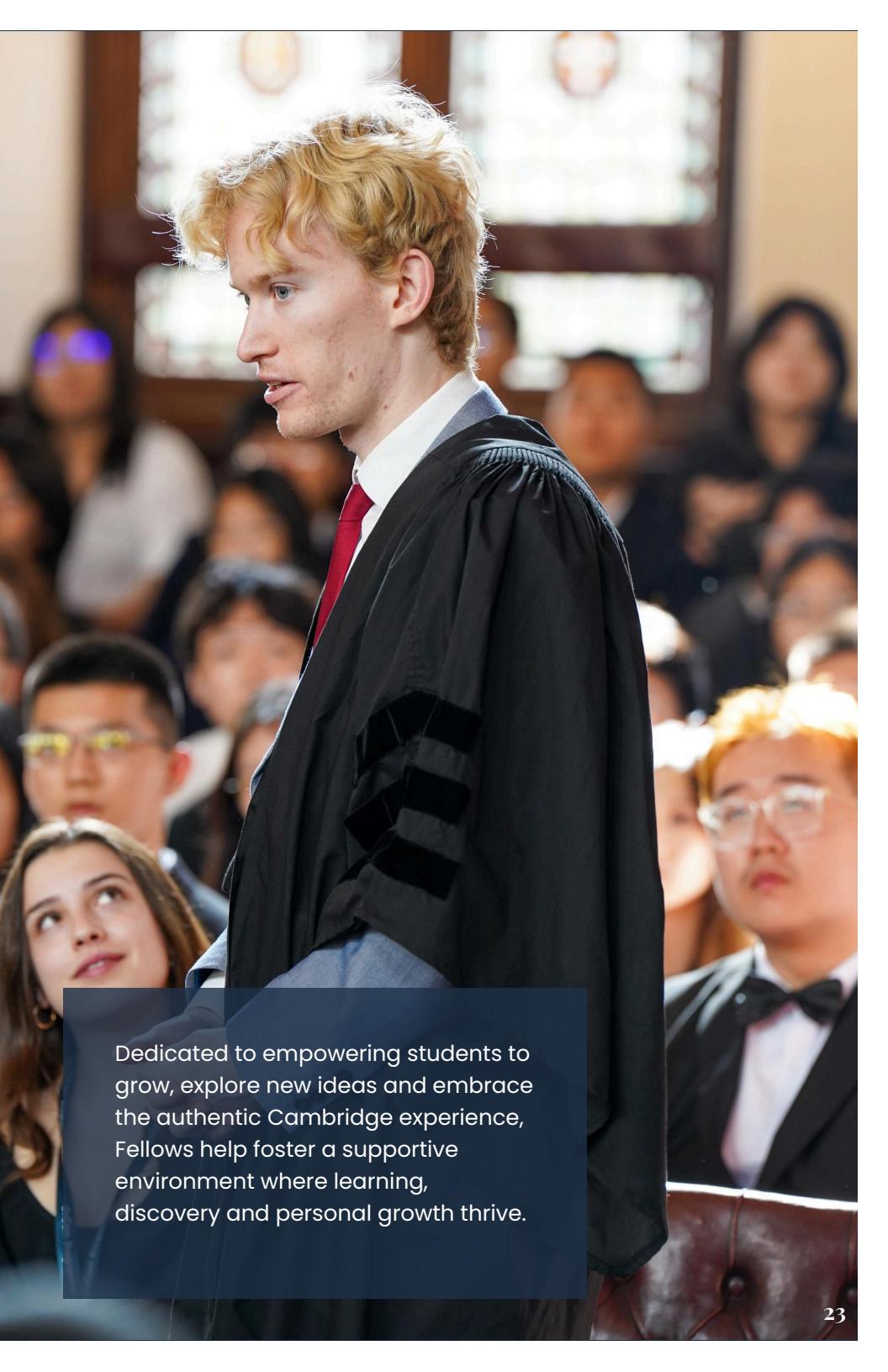
students navigate their academic responsibilities with confidence while experiencing the city's culture and heritage from a local perspective. This fellowship model fosters a welcoming, collaborative atmosphere, helping students build friendships and deepen their cross-cultural understanding.

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The Fellows also shared a lot of their experiences regarding further education and university life at Cambridge, which were really helpful to me. Overall, the Fellows in the programme felt more like advisors who could answer almost any question you had at any time, while also being friends you could chat with. They were genuinely enthusiastic about getting to know everything about you, just as we were about getting to know them.

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JOHN, A STUDENT FROM
NANJING UNIVERSITY



Dedicated to empowering students to grow, explore new ideas and embrace the authentic Cambridge experience, Fellows help foster a supportive environment where learning, discovery and personal growth thrive.

Cultural Activities



AI + Interdisciplinary Research & Application Programme enriches students' academic journeys by offering diverse learning opportunities and immersive cultural experiences that extend beyond the classroom. Our carefully curated schedule balances rigorous study with engaging activities designed to foster meaningful connections, broaden global

perspectives and deepen students' appreciation of British history and culture. Through unique experiences such as formal dinners in the historic Cambridge colleges, punting excursions, City of London tours, trips to G5 Universities and a range of outdoor activities, students gain a rich understanding of both academic and cultural life in the UK.

London Trip

During the weekend, students enjoy an unforgettable day in London, exploring the city's iconic landmarks and cultural highlights, such as the Houses of Parliament, London Eye, Buckingham Palace and the British Museum. This visit is integral to the programme, providing valuable insights into British culture, history and tradition. By engaging with London's historical significance and contemporary relevance, students develop a deeper appreciation for British society and its global influence, making their experience both enriching and memorable.



College Tours & Punting

Our students are warmly welcomed to Cambridge with a tour of the colleges, hosted by their Fellows, offering a unique glimpse behind the walls of some of the UK's most stunning and historic buildings. This introduction to Cambridge is further enhanced by guided tours along the River Cam, where students delve into the rich history and fascinating stories of the riverside colleges while enjoying one of Cambridge's quintessential experiences. Together, these activities provide an unforgettable insight into the charm and tradition of this iconic university town.

Memorable Experiences

IN BEAUTIFUL, HISTORIC SURROUNDINGS





Formal Dinner

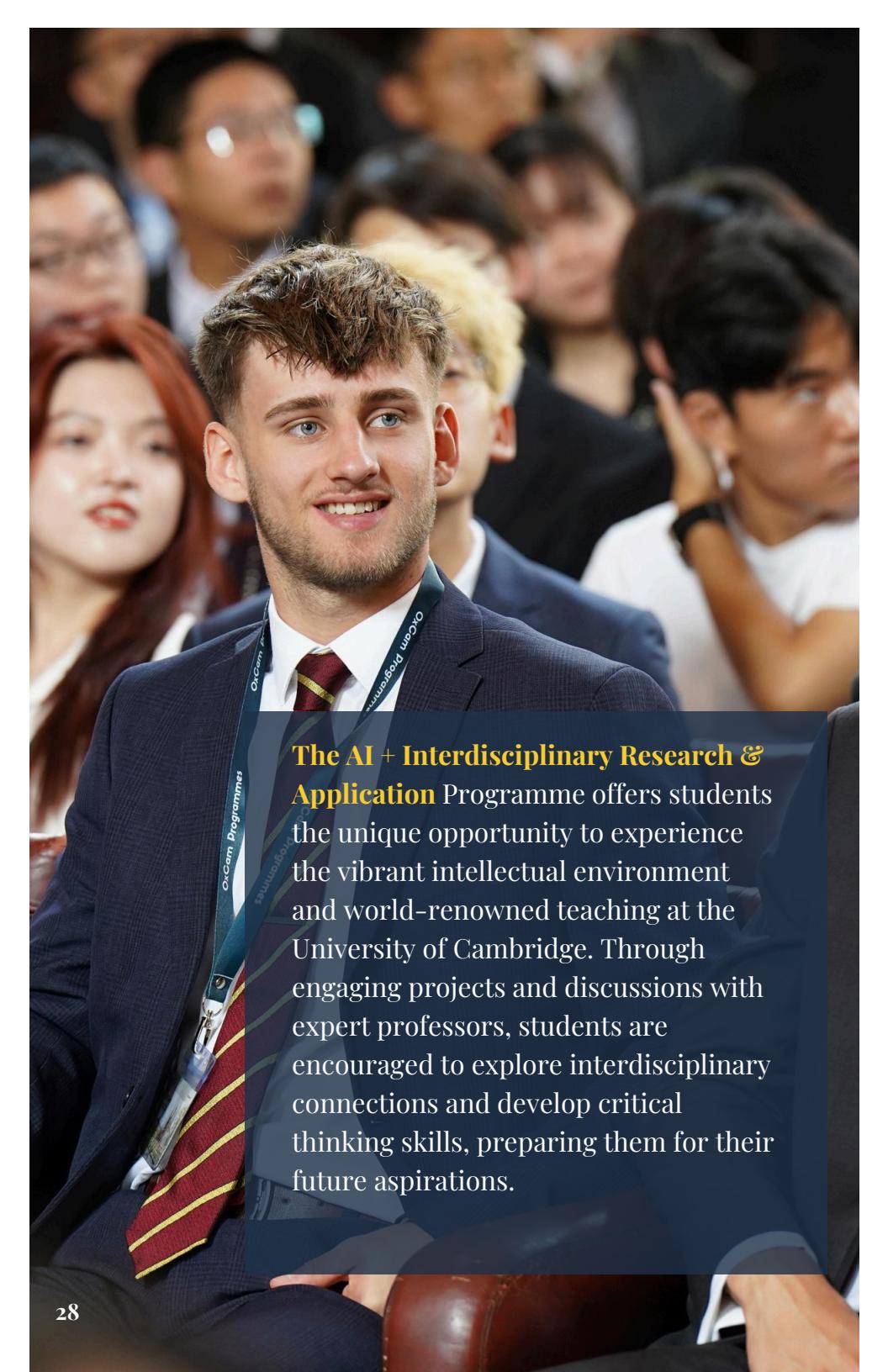
Formal dinners at Cambridge are elegant traditions that blend academic heritage with fine dining, offering students and faculty a unique opportunity to connect in the historic ambiance of college halls.

During the programme, the Formal Dinner serves as the perfect way to recognise our students' hard work and dedication during their time with us.

The evening begins with a drinks reception and culminates in a candlelit, three-course dinner shared with Fellows, professors and students alike.

This final celebration not only highlights the rich traditions of Cambridge but also fosters meaningful connections, leaving participants with lasting memories of their time in this prestigious academic environment.





The **AI + Interdisciplinary Research & Application** Programme offers students the unique opportunity to experience the vibrant intellectual environment and world-renowned teaching at the University of Cambridge. Through engaging projects and discussions with expert professors, students are encouraged to explore interdisciplinary connections and develop critical thinking skills, preparing them for their future aspirations.

How to Apply

Entry Requirements: IELTS 6.0/TOEFL 80 or equivalent

Successful applicants will be able to show an aptitude for their chosen subject and a willingness to learn independently throughout the programme.

Application Deadline: 15th May 2026

Consult with your institution to complete an application form.

Links



cl-global-academy



@clglobalacademy



@clglobalacademy



www.clglobal.org



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This will be a rare opportunity to immerse yourself in an international academic environment, broaden your horizons, and connect with people from diverse cultural backgrounds. Before joining this programme, keep a positive, open and curious mindset... to make the most of this valuable experience.

GEORGE, A STUDENT FROM
SOUTHEAST UNIVERSITY

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cl global
academy

Embrace Learning, Inspire Different