

Oxford
&Cambridge
Programmes



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INTRODUCTION

THE INTRIGUING MIX OF TECHNOLOGY AND EDUCATION IN OXFORD AND CAMBRIDGE SERVES AS A CATALYST FOR ALL KINDS OF EXCITING INNOVATIONS.

KATE KIRK, AUTHOR & LECTURER
WELCOME CEREMONY WINTER 2019

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IMPORTANT INFORMATION

DATES

This year we will be running programmes in February and August, primarily.

APPLICATION

For undergraduate and master students (aged 18-25), IELTS 6.0 or TOEFL 80 is required in English. If you do not have the above score certificates, please do contact the below for further review.

ASSESSMENT & CERTIFICATION

Assessment will be completed through project work and attendance. At the end of the programme, you will receive a Programme Certificate and a Student Record.



All our colleges in Oxford and Cambridge are homes to diverse and independent thinking.

OUR PROGRAMMES 2024

Have a look at our new offering exclusively for 2024. (1/2)

ENGINEERING

Our engineering courses are intellectually stimulating and professionally challenging. As student, you'll experience a rigorous, evidence-based engineering education within the - rich environment of the University.

Students have opportunities to pursue research and project work throughout the course.





NATURAL SCIENCES

Zoology or Chemistry? Materials Science or Astrophysics? Maybe Psychology or Microbiology...? Or even Maths! The choices you have are endless.

Natural Sciences offers a wide range of l science and STEM subjects from 16 departments in a unique and demanding course.

LAW

How do we determine what is fair and just in this world? Law is a rewarding subject as you learn about justice and how legislation is constantly evolving in order to protect society and vulnerable individuals.

Our Law programme enables our students to understand law in its historical and social contexts. It will also encourage students to examine its general principles and techniques.



OUR PROGRAMMES 2024

Have a look at our new offering exclusively for 2024. (2/2)

HUMANITIES

Humanities expand our knowledge of human cultures and help us understand what binds us together and what differentiates us from one another. In addition to these high-level insights, however, they also provide practical applications that can enhance your professional skillset and give you a competitive edge.

Our humanities courses are a mixture of several disciplines: from history to art enabling you to broaden your cultural horizons.





ENTREPRENEURSHIP & INNOVATION

Entrepreneurship and innovation help students become independent and channel their creativity into creating something of their own in this competitive world.

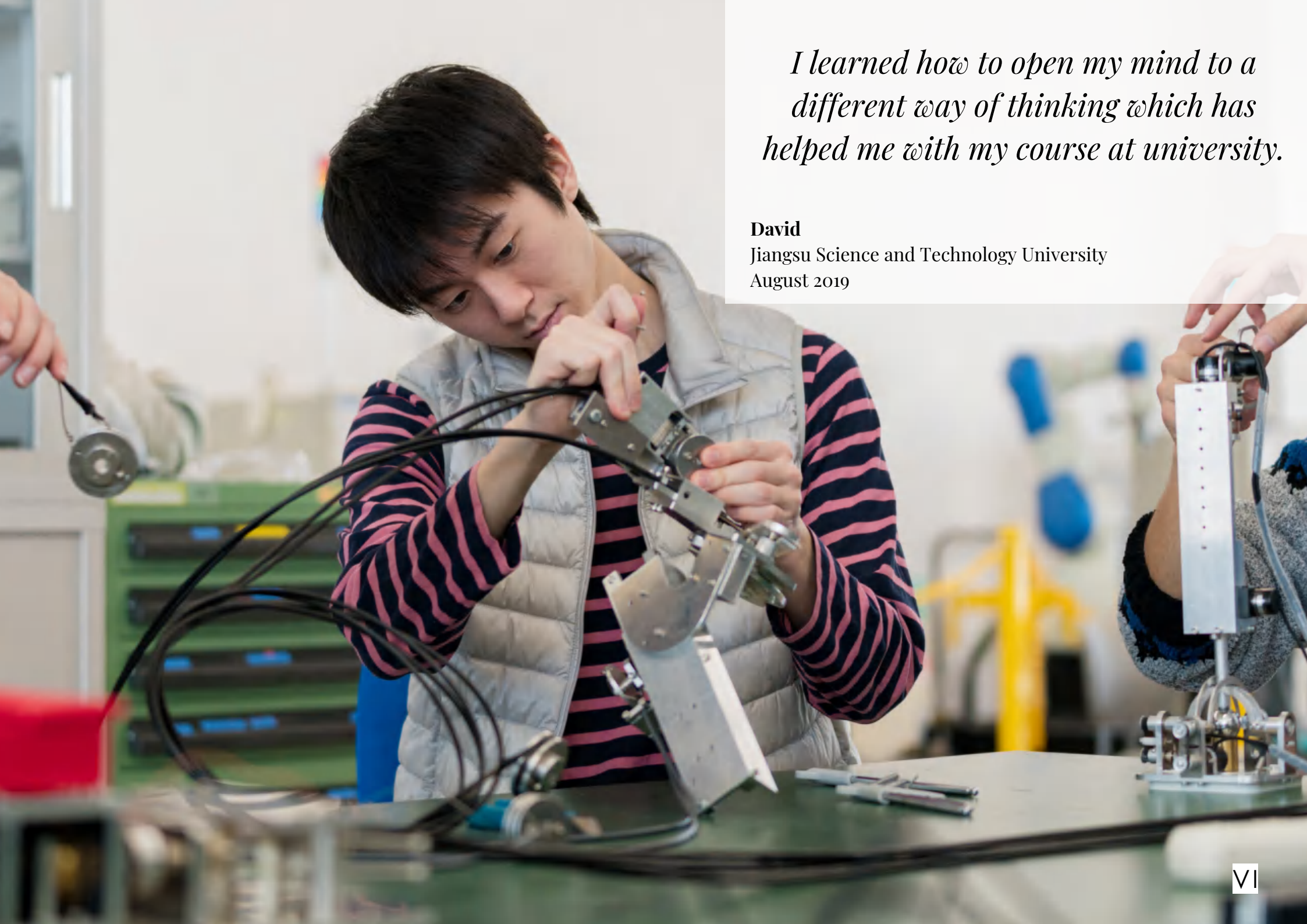
Studying entrepreneurship and innovation on our programme will enhance your analytical and logical skills enabling you to solve any problem.

OXBRIDGE EXPERIENCE

The word 'Oxbridge' is the combination of Oxford and Cambridge and refers to the two historic universities.

This programme will give our younger students a veritable taste of what it is like studying at a world-class university. From subjects ranging from History to Chemistry, they will be supported through these university academic-led lectures with extra English language preparation.





I learned how to open my mind to a different way of thinking which has helped me with my course at university.

David
Jiangsu Science and Technology University
August 2019

ENTREPRENEURSHIP & INNOVATION

SAMPLE TOPICS

-Finding and creating opportunities
-Opportunity Evaluation
-Social Enterprises
-Sustainable Business
-Running a Business in the UK
-Managing Product Development
-Managing Innovation
-Go-to-Market Strategies
-Building the Entrepreneurial Team
-Introduction to Enterpreneurial Finance
-Raising Finance

WHO SHOULD CONSIDER THIS COURSE?

University students studying or interested in Business or subjects related to Business and Entrepreneurship.

This programme is delivered by an academic team of previous board members of The Fortune 500 and global industry leaders from Cambridge and Oxford University. Students will grow their understanding of innovation as well as their self confidence so they can apply lessons learned from the programme to their own careers.

SAMPLE LECTURERS



Professor Simon Stockley
Professor Stockley is a Professor in Entrepreneurship at the University of Cambridge Judge Business School and was formerly the Director of the full-time MBA programme at Imperial College (ranked 4th best MBA programme in the world). He also co-founded and exited Europe's largest anti-trafficking charity and advises the UK Parliament on modern slavery.



Professor Tony Kypreos
Professor Kypreos is a visiting fellow at Cambridge University Judge Business School. He is also an advisor to the UK government's Global Entrepreneur Programme identifying the world's leading IP-based startups for global expansion from a UK headquarters, a coach at Cambridge Accelerator and an advisor and mentor with Accelerate2030.



Dr Sam Vosper
Dr Vosper is a Lecturer in the Department of Land Economy at Cambridge University where he primarily supervises the MPhil in Environmental Economic Policy programme and Paper 5 of the undergraduate Tripos. He is an applied environmental/development economist by training and completed his PhD at the Department of Land Economy, University of Cambridge.



Dr Jeremy Hutchison-Krupat
Dr Hutchison-Krupat is a Senior Lecturer in Innovation Management at Cambridge University's MBA Programme. He regularly teaches executive education programmes to help leaders improve their ability to address innovation challenges.



Dr Lionel Paolella
Dr Paolella is an Associate Professor at Cambridge Judge Business School, and an Affiliated Faculty at Harvard Law School (Center on Legal Profession). He received the Cambridge Judge Teaching Award in 2017, and he has been listed among the Best 40 under 40 Professors by Poets and Quants in 2019.

NATURAL SCIENCES

Students will explore ways to apply creative reasoning and science to solve real problems while exploring a wide range of disciplines. This programme focuses on posing questions about the worth of technology transfer and encourages students to find missing links between everyday phenomena using maths, physics, chemistry, and biology.

SAMPLE TOPICS

-Physics and Chemistry of Nanomaterials
-MEM Sensors and Devices
-Mechanics of Materials
-Nanotechnology & Renewable Energy
-Robots and the future
-3D Printing: how does it work?
-Why does Pain Exist? And how does it work?
-AI - Intelligent Interactive Design
-Electronics at the Nanoscale
-Evolution & Behaviour
-Earth Sciences
-Biology of Cells

WHO SHOULD CONSIDER THIS COURSE?

University students studying Engineering, Biology, Chemistry, Mathematics, Physics, and other STEM-related subjects.

SAMPLE LECTURERS



Professor David Applin (Emeritus)
As head of department, Prof. Applin taught Biology for a number of years at Cambridge University. He is the author of many highly successful Biology course-books for all levels as well as writing books that cover Science for Public Understanding.



Dr Dionisius Hardjo Lukito Tjhe
Dion is a materials scientist specialising in electronic materials and devices at Cambridge University. Collaborating with chemists from the University of Tokyo, Dion is currently studying the charge transport and thermoelectric properties of coordination nanosheets, an emerging class of two-dimensional metal-organic frameworks exhibiting curious electronic properties.



Dr Felix Kosasih
Dr Kosasih is a Research Fellow at the Energy Research Institute where he is working on thermally evaporated optoelectronic devices. At Cambridge University, he taught second year undergraduates Metals & Alloys, and Robotics as part of the 1B Natural Sciences Tripos.



Dr Malar Chellasivalingam
Having received her PhD at Cambridge University, Dr Chellasivalingam is a researcher at the Department of Engineering at Cambridge University. Her research is focused on MEM sensors and MEM devices to track air pollution as well as other variables.



Dr Tom Crawford
Fellow and Tutor at St John's College, Early Career Teaching and Outreach Fellow at St Edmund Hall, University of Oxford. Dr Crawford runs the award-winning website www.tomrocksmaths.com and Numberphile - the largest maths education channel on YouTube with over 3 million subscribers.



I loved the lectures.
My favourite was Dr Vosper's sessions on Sustainability - I learned so much.

Jackson
Capital Normal University
August 2023

LAW

SAMPLE TOPICS

-Computability of Law/Legal Norms
-Governance of AI & Emerging Technologies
-LegalTech, Algorithmic Decision -Making and 'Robot Judges'
-Legal Evolution
-Future of Law/Legal
-Cybernetics
-Chaos
-Philosophy of Science & Technology
-Where did this law come from?
-How might this law apply in novel situations?
-Is this law accomplishing its intended purpose? Are there any unintended consequences?
-Does this law need to be reformed?

WHO SHOULD CONSIDER THIS COURSE?

University students studying Law or interested in pursuing it as a postgraduate degree.

This course will enable students to assimilate and analyse complex information, construct arguments, write with precision and clarity. Students will learn to think on their feet as they experience lectures in a wide variety of topics from criminal to corporate law.

SAMPLE LECTURERS



Dr Gavin Ridley
Dr Ridley graduated from the University of Oxford in law. Since then he has obtained Bachelor degrees and Master's degrees in Sociology, Criminology and Psychology, and now often works with representatives and advisors at the UK Parliament. He now works as a trained UK barrister focusing on Animal Rights in London.



James Campbell
Mr Campbell is a researcher at the Centre for Socio-Legal Studies at the University of Oxford. His research, under the supervision of Professor Linda Mulcahy, explores the significance of physical movement within the court building. He is also an Associate Lecturer in Law, Society and Culture.



Sarah Fraser Butlin
Ms Butlin is a practising barrister at Cloisters Chambers, London. She also lectures on labour and criminal law to second year undergraduates at Cambridge University. She has given evidence to the Parliamentary Cross Party Working Group on Independent Complaints and was invited to speak on Radio 4's Unreliable evidence discussing the Gender Pay Gap.



Dr Christopher Markou
Dr Markou is a Leverhulme Early Career Fellow and Lecturer at the Faculty of Law, University of Cambridge, Director of the AI, Law & Society LLM at the School of Law, King's College London, and a Fellow of the Royal Society of the Arts (RSA).



Dr Sarah Coy
Before joining the research team at Oxford University's Centre of Health, Law, and Emerging Technologies, Sarah worked for the Department of Health's Policy Research Programme. She was commissioned and monitored research to inform health policy for UK Parliament.

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HUMANITIES

From History to Art, this programme encompasses all the humanities subjects. Students will be able to not only enjoy a wide variety of humanities-based topics but also work on their critical thinking as they are faced with challenging concepts and new ideas.

SAMPLE TOPICS

-From George Elliot to TS Eliot: A Survey History of English Literature
-British Painters from 1200-2000
-That's Odd! British Architecture from then to now
-Understanding Brexit: How did we get here?
-Hellish: Dante's Inferno and its impact on Western Culture
-Psychology of Success
-Languages don't change, people change
-Feminist History and History of the Body
-Understanding Hollywood
-Shakespearean English: How to guide

WHO SHOULD CONSIDER THIS COURSE?

University students studying or interested any humanities subjects such as Literature, Foreign Languages, Linguistics, Sociology, Anthropology, History, Drama, Film, Art, Psychology, etc.

SAMPLE LECTURERS



Professor Katherine Paugh
Fellow and Tutor at Corpus Christi College, Associate Professor of Atlantic World Women's History at the Department of History, University of Oxford. Her work as an historian has focused primarily on understanding how the political and economic imperatives of empire have shaped cultural visions of race, class, gender, and the body.



Professor Lachlan Hughes
Professor Hughes is a Director of Studies and Lecturer at St Hilda's College, Oxford University. His particular interest has been on Italian Literature - particularly, Medieval Italian poetry of the 13th century.



Dr Justin Reay
A senior custodian at the Bodleian Library, University of Oxford, for whom he also advises on British art collections, he is a frequent Guest Lecturer in British naval history for the University of Oxford. Aside from lecturing, he also regularly advises the BBC on British History.



Dr Caroline Dormor
Dr Dormor graduated from the University of Cambridge in English Literature in 2015 ranking in the top 5 students in her year. Having completed her PhD at Oxford University, she is now an academic researcher investigating environmental literature.



Dr Aleena Dinn
Dr Dinn is a Research Associate at the University of Oxford. Her research focuses on South East Asian connections in Britain and works in collaboration with the University of Bristol, Queen Mary University of London, and the British Library.



It was so much fun.
I felt like I was a university student... I had so much independence!

Alex
Summer 2023

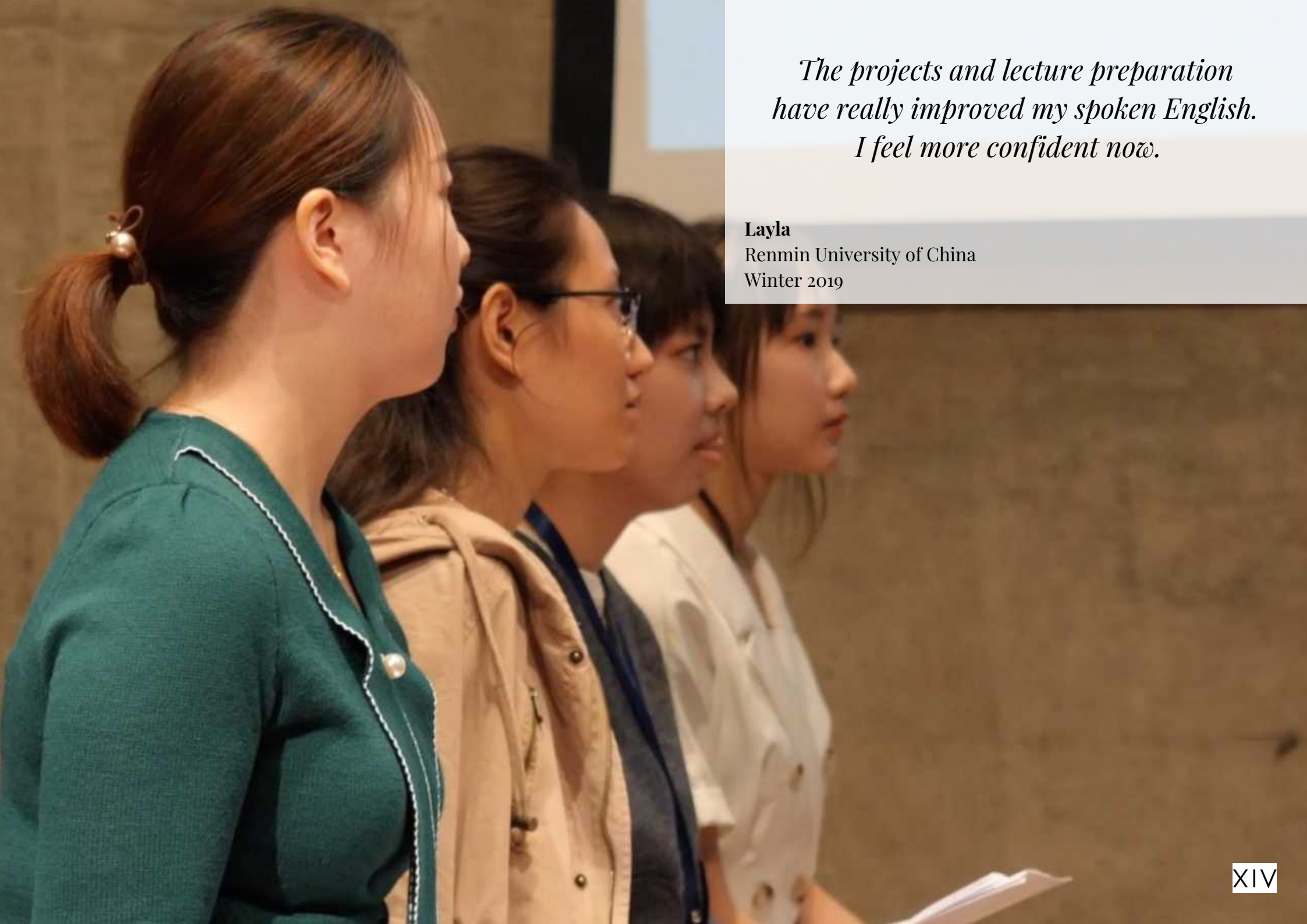
LECTURE PREPARATION

In order to get the most out of the lectures, there will be a preparation session before each lecture. This will help students with the subject-specific vocabulary.

STUDY SKILLS

As part of the preparation, students will also take part in a short study skills course. This will help students with their note-taking skills, essay writing, presentations, and public speaking. These skills sessions will also focus on university admission skills - either at undergraduate or postgraduate level. All key skills to help them excel in their university programmes and beyond.





The projects and lecture preparation have really improved my spoken English. I feel more confident now.

Layla
Renmin University of China
Winter 2019

PROJECTS

CAMBRIDGE UNION DEBATE

This project will introduce you to one of the oldest debating styles in the world and will get you standing up and delivering a speech like you would in the Cambridge Union! As a team, you will come up with strong arguments about a certain issue. This project ends in a lively debate where there will be prizes for best debating team!

OXFORD INNOVATION & ENTREPRENEURSHIP

Oxford University has produced some of the greatest entrepreneurs of our time. Now it's your turn to come up with an exciting new product! This project is based on the popular British TV show, *Dragon's Den*, where entrepreneurs try to win money from investors. In this project, you will work in small teams to come up with a new product or service that will help the lives of Oxford University students.





I had never competed in a debate before - let alone a Cambridge Union-style debate! It was a challenge I was ready for.

Aurora
Renmin University of China
Winter 2019

ENTERPRISE VISIT

As part of our programme, we offer the opportunity to visit several British Enterprises. This experience helps students understand how business works in the UK and how it may differ to their home country.

Below are some examples of previous visits...

MINI COOPER FACTORY

This factory outside Oxford is where all Mini Cooper cars are manufactured. Take a tour of the factory floor and understand the detailed process of crafting these cars.

CAMBRIDGE SATCHEL COMPANY

Cambridge is home to the world-famous Cambridge Satchel Company. You will hear, in its flagship Cambridge store, how the company has grown to worldwide fame in less than two decades.





I had never played British Rounders before. It's like baseball! It was a really fun experience.

Jessica
Summer 2023



EXCURSIONS

LONDON

From the top of the London Eye, students will be able to see a beautiful view of the city and its different areas. Also, there will be the opportunity to go to the British Museum, one of the largest museums in the world which boasts a wide and varied collection of artefacts from all over the globe. Finally, there will be time for students to walk through the Palace Gardens, see Buckingham Palace, and Big Ben.

STRATFORD-UPON-AVON

Stratford-Upon-Avon is the birth town of the playwright, William Shakespeare. Students will be able to explore Shakespeare's house and see where he grew up. In the afternoon, there will be a short trip to Warwick Castle to see the inspiration for so many of Shakespeare's plays.

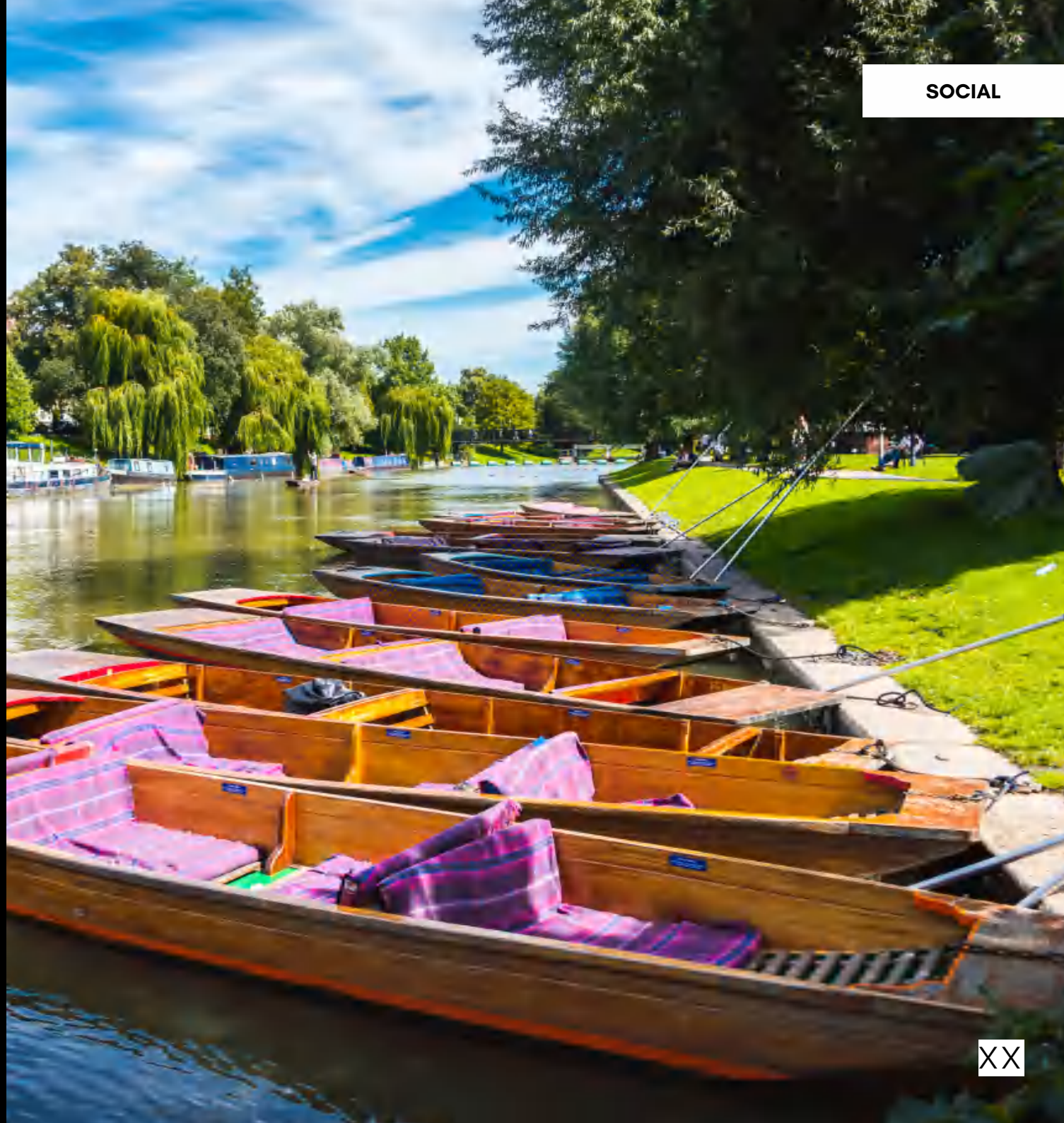
FORMAL DINNER

Formal Hall is a tradition that only happens in Oxford and Cambridge University. This is a chance for you to dress in your most formal clothes (suits and dresses) and have a 3-course dinner in the dining room of an Oxford and Cambridge University college.

To prepare for the customs and traditions that will be followed, you will have a 'British Etiquette' lesson before the dinner.

PUNTING

One of the most popular past times in Oxford among students is punting! Relax on the river as you float up and down the river Isis in the sunshine.





Prepare yourself
for an
amazing journey.

Emilia
Capital Normal University
August 2019

Oxford
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For many years,
we've welcomed students to Oxford and Cambridge...
Why not you too?