



OXBRIDGE SUMMER ACADEMY

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INTERNATIONAL COURSE PROSPECTUS 2019

Paving the way to your educational success



EDUCATION SERVICE PROVIDERS

Registered in England, UK



OXBRIDGE SUMMER ACADEMY

Universities in the UK select students based on much more than just educational achievement.

Through our courses, we aim to help you build the thinking skills you need to succeed in the UK higher education system.



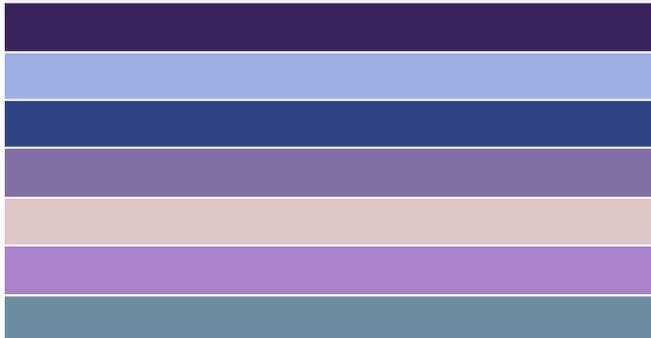


“Education is not the filling of a pot but the lighting of a fire.”

Y. B. Yeats

Our Expertise >>>

Our company profile has extremely successful course advisors who are the best in their fields at what they do. Members of our company have an excellent track record of successfully sending applicants to top universities.



Contact us at

info@oxbridgesummeracademy.co.uk

or on the web at

www.oxbridgesummeracademy.co.uk

What will you gain from us?

Certificate >>>

You get a certificate from a UK-registered company confirming your completion of our course(s).

Feedback >>>

Your course tutor will assess your participation in the course through your contributions in discussions and through at least one written assessment. You will get input on areas of development.

References >>>

Your course tutor will provide us with a report on all the skills you have developed. We save this in our database and can provide a reference for you on our letterhead, which you

can give your teachers, for them to refer to when it is time for them to write your university reference.

Peace of mind >>>

We understand that parents may feel anxious in letting their children go abroad on their own. We provide the opportunity to experience the benefits of UK-style summer courses in a trusted environment in your home country. Our courses, certificates and references are equivalent to what you would get at a similar summer school in the UK, as our trainers are from UK, the classes are at the same level, and we are registered in the UK.

Develop your skills >>>

Cambridge and Oxford Universities interview most of the students that meet their academic criteria. Statistically speaking, Cambridge interviews 80% of all the applicants. The interview is the tricky part because students fail to answer problem solving questions on the spot. Through our courses, we teach you those skill sets while also extending your general knowledge around your subject.

University applications >>>

Participation in our summer school is beneficial for applications to top US and Canadian universities as



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well as those in the UK. This is because universities in these countries don't look solely for academic excellence: they also prefer students who have a track record of noteworthy extra-curricular activities. Participation in our summer courses is a prime example of such an activity, as it demonstrates drive and dedication.

Moreover, the course tutors can tell them all about what it is like being a student in the UK.

We are with you every step of the way >>>

You will be able to access our tutors/company when the time comes for actually making applications. We provide services for editing personal statements and UK university interview preparation to students in the UK and China through Skype. We are happy to offer these services to participants of our courses when the time for application comes: and as we will have your course record on file, we will be able to offer you a more bespoke service. Knowing our students gives us an edge in prepping them. Ou



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Our courses* >>>

- Genetic Engineering and Ethics of Science and Medicine
- Experimental Psychology and Neuroscience
- English Language and Literature
- Thinking Mathematics

More information on these courses can be found on the following pages of this prospectus.

* Courses are available subject to sufficient enrolments, and we may also offer a wider selection of courses than those listed here.

How will you be taught?

Course Format >>>

Each course lasts approximately one week, with a minimum of 3 hours of instruction a day.

The courses will be structured differently to normal classes: there will be much more focus on group work, presentation, and class discussions.

The material will be familiar to you, but will extend the scope of your normal school syllabus. This is to give you extra-curricular material that you can discuss in an interview to show that your interest in your chosen subject is wider than what you are taught at school. Also, we hope that you will find the material genuinely interesting, and find it refreshing to study something for its own sake, without the pressure of an exam looming ahead.

Our instructors >>>

Our course providers are qualified teachers with an extensive understanding of the UK admissions system. They are affiliated with high end universities in England and we do not compromise on our standards.

Most of our UK based partners are from Oxford or Cambridge University and practicing teachers with qualified teacher status and extensive experience of teaching in UK classrooms.



Genetic Engineering and Ethics of Science and Medicine

The ability to manipulate the building blocks of life opens up exciting possibilities, but also a multitude of ethical conundrums. The student of these sciences should be able to articulate the issues clearly and be able to intelligently discuss all aspects of the debate.

How will this course help you? >>>

You will learn valuable skills that you can use even if you don't take science as a career.

You will learn to think critically and debate social issues, develop your science writing skills, and expand your subject knowledge.

You will have a deeper realisation of what it means to be a scientist or a medical professional in the 21st century global context.

What is the course about? >>>

This course looks into some of the issues that are relevant to curriculum topics such as genetic engineering and genetic modification. The course explores how industry in the developed world is currently using these

technologies and also looks into the medical applications such as gene therapy and embryo screening.

For young people today who are going to lead the next generation or work in science, it is very important that they identify that science is

not only about theories. The application of science requires responsibility and ethical consideration.

For example: how far should technology be allowed? Should designer babies be a possibility? Why is it that Canada has

decided to implement genetically engineered purple tomatoes, but the EU decided not to? Exploring such case studies will offer students a holistic global understanding of the issues.



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Did you know? >>>

- That genetically engineered purple tomatoes have been created?
- And also, glow-in-the-dark mice?
- Or that bacteria can be used to make insulin for human use?

Do you think that these are all equally good or bad? If not, how would you rank them ... and why?



Experimental Psychology and Neuroscience

From economics to neuroscience, in today's world the study of psychology has become phenomenally important: Why do we think the way we do? How do children think differently to adults? While it's easy to suggest plausible answers to these questions, Experimental Psychology attempts to answer them in an evidence-based, rigorous manner.

How will this course help you? >>>

You will pick up crucial skills in terms of experiment design and learn to evaluate the validity of experiments.

You will develop curiosity about the mind.

This course will make you challenge your thinking, whether you want to be a scientist, or a doctor or work in advertising, banking or business.

What is the course about? >>>

This course is modelled after an actual Cambridge University course at a level that younger students can access.

The way your mind functions has a lot to do with the way you are, and the things you

do. It's amazing how every 'unique' mind, at some level, functions similarly.

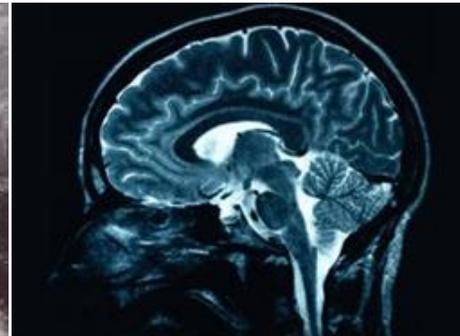
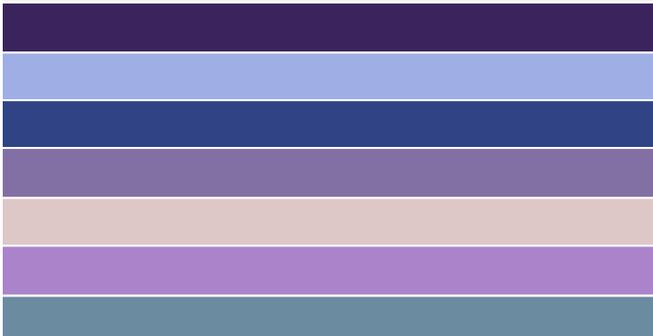
This course will take you on a journey of the mind: from learning about your memory to your dreams. It will look into neuroscience and how the brain, its

anatomy and its chemistry can impact on people's lives and personality.

It will also look into diseases of the brain such as schizophrenia and depression and what causes them. It will also look into attachment of infants to their primary

caregivers and how these early relationships impact development in later life.

From psychology of self to psychology of how crowds behave – this course will give you a wide introduction to the field by learning about experiments and



Did you know? >>>

- If a duck hatches and you are the first person in front of it, it will think you are its mother.
- Did you know that it is possible to literally die of a broken heart? It is called stress cardiomyopathy.
- All major businesses have psychologists working for them.



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What's in a name? That which we call a rose by any other name would smell as sweet.

William Shakespeare

How will this course help you? >>>

In this course you will develop a more nuanced and critical approach to linguistic and literary analysis.

You will learn to think critically, debate with your peers and develop your analytical writing.

You will deepen your interest and passion for literature.

English Language and Literature

Reading literature can be an enjoyable pastime, but studying literature can be much more rewarding as it makes one reflect on the context of the story being told, and encourages us to draw parallels and comparisons between what we are reading and the state of our society: this connects us to larger truths about ourselves and the human condition.

What is the course about? >>>

In this course, you will have the chance to immerse yourself in some of the greatest works written in the English language.

You will also improve your analytical and written skills, looking closely at how a text's

language, form and structure help to shape meaning. You will cover the basics of various topics, such as analysing fictional and non-fictional texts, comparing texts, and creative writing.

As well as looking at the specifics of each text, you will explore

broader questions, such as:

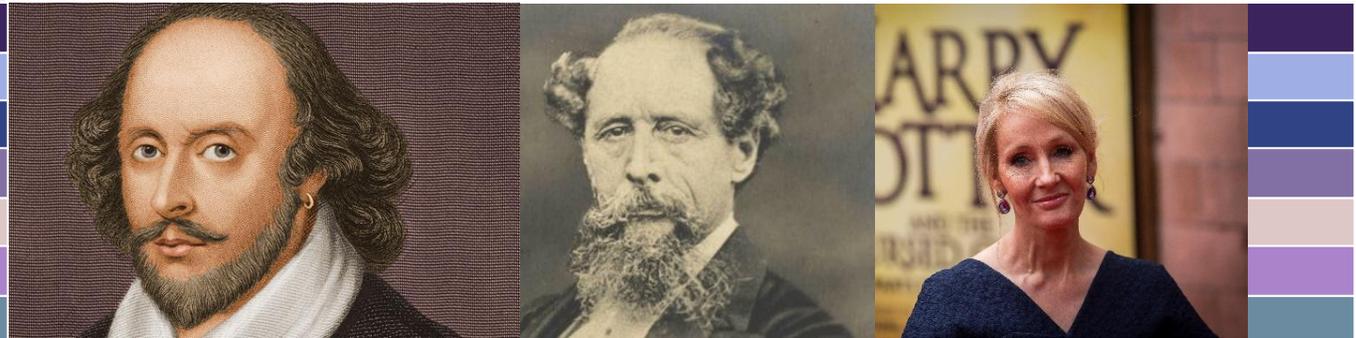
“How does the study of literature impact on the real world?”

“What role does literature play in society?”

“How has literature changed over time?”

“What kinds of ethical interventions can literature make in creating a more fair and open society?”

“What is the relationship between literature and identity?”

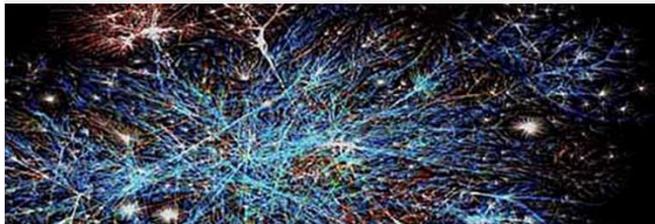


Did you know? >>>

- Shakespeare's official birth and death dates are the same? (23 April 1564 – 23 April 1616).
- Charles Dickens had a keen interest in the supernatural?
- J. K. Rowling wrote her first story when she was six?!



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Thinking Mathematics

Mathematics is everywhere – even if you don't wish to follow a career in it, you are almost guaranteed to need some aspect of it in whatever path you want to follow. This course will help you develop skills beyond just doing problems from a textbook.

How will this course help you? >>>

You will learn how to articulate a research problem and gain experience in conducting self-directed investigations.

You will develop group-working and presentation skills.

These are all transferable skills that you will find valuable in all walks of life, but particularly in careers that are mathematics-based, such as finance and investment banking.

What is the course about? >>>

Most people appreciate that at its core, Mathematics is about problem solving and pattern finding.

However, a much underrated ability, apart from these, is that of being able to ask interesting

questions and pursue your own lines of investigation. School courses typically do not give much importance to open-ended, free-form investigations, so that is what this course focusses on.

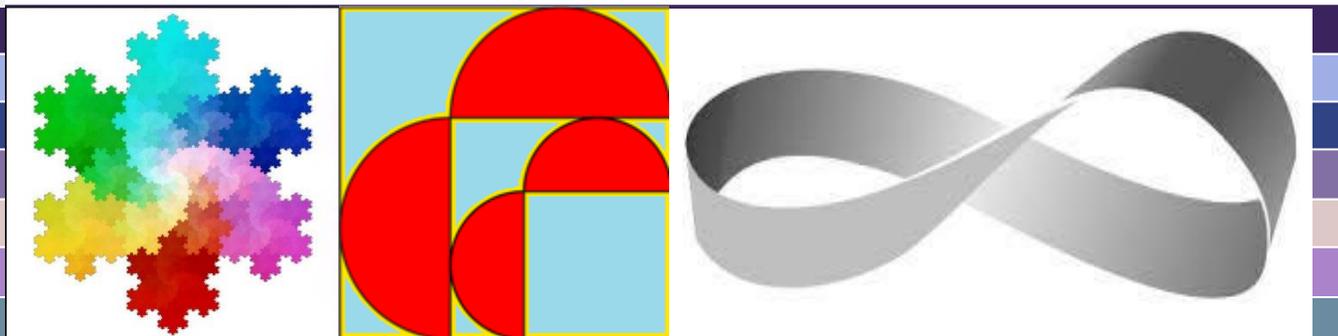
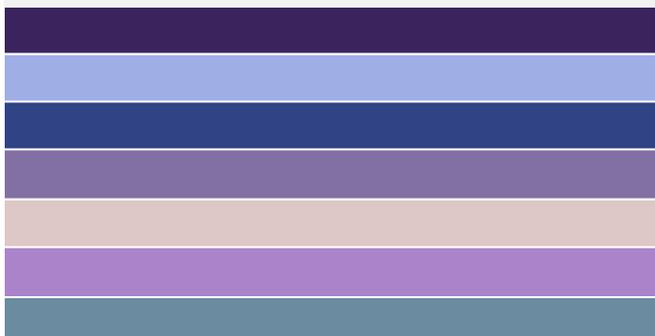
You will be given a set of interesting projects

which typically start off with a few basic questions to check that you have understood the premise presented, and then guide you to follow your own investigations.

You will be working in groups: at the end of each session, you will prepare a presentation

so that you can report back to the class on your chosen project and the results you have found.

The focus will be on explaining what you are investigating and the approach you have taken, rather than on whether you have got the “correct” answer.



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Did you know? >>>

- The first shape above is called a Koch Snowflake. It has a limited area, but an unlimited perimeter. So, you can colour it in, but you can't draw around it with a pencil!
- There are different sizes of infinity.

Quick puzzle: which area is greater in the second diagram – the red, or the blue? (Without using a ruler!)

Company Profile

Ms. Emma Zaman >>>

M.A. (Cantab)

Course Coordinator
and Teacher Recruitment

Born in Ireland, Emma moved to the UK to finish her schooling. She completed her undergraduate degree in Education and Biological Sciences from the University of Cambridge. She gained a post graduate teaching qualification from King's College London and an MSc in Learning and Teaching from University of Oxford. As a practicing qualified teacher, she has successfully prepared students for their Oxbridge interviews. Her school (Brampton Manor Academy) was recently in the national news on account of the number of Oxbridge offers their students received.

Mr. Masum Shaikh >>>

*M.A., M.Math. (Cantab)
M.Sc. (Warwick)*

Academic Advisor for Mathematics
and Course Coordinator

Masum graduated from the University of Cambridge with an M.Math. After working in the finance industry for a few years, he went back to university to do a second masters: an MSc in Financial Maths. He is still working in finance, but has also been a school governor and a supervisor at Cambridge University alongside this. He also holds qualified teacher status.

Dr. Samiha Shaikh >>>

*Ph.D. (Cantab)
Post Doc. Fellow (Oxon)*

Academic Advisor for Biological Sciences
<https://www.ndcn.ox.ac.uk/team/samiha-shaikh>

Samiha is an established postdoctoral fellow at University of Oxford. Prior to attaining a position at Oxford, she has obtained her PhD from the University of Cambridge in Genetics.

Dr. Fariha Shaikh >>>

*Ph.D. (KCL)
Lecturer in Post-colonial literature.*

Academic Advisor for English
<https://www.birmingham.ac.uk/staff/profiles/english/shaikh-fariha.aspx>

Fariha is a highly accomplished lecturer in Victorian literature at the university of Birmingham. She is an expert speaker on the BBC for the documentary 'The Novel'. She will also be appearing at Hay Festival 2019 (one of UK's largest literature festivals) to give a talk.

Dr. Maliha Shaikh >>>

*M.B.B.S. (QMUL), M.R.C.P.
Consultant Rheumatologist*

Academic Advisor for Biological Sciences
and Course Coordinator for Medical Courses
https://www.researchgate.net/scientific-contributions/82534902_Maliha_F_Shaikh

As well as a practising (consultant) medical doctor, Maliha is a clinical research fellow at the Royal College of Physicians and has published papers and given speeches at rheumatology conferences. We are in talks with Green Life Hospital Dhaka to organize workshops for student doctors, for which Maliha will be leading the project.

Your success is our success, and so we only contract the best teachers to deliver our courses. All our teachers are thoroughly vetted, British working professionals who share our vision.





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