

**COURSE DETAILS & TUTOR PROFILES for UNIVERSITY ADMISSIONS TESTS
PREPARATION DAYS for YEAR 13 STUDENTS, held at ST MARY'S SCHOOL,
CAMBRIDGE**

I. One-Day Courses on Saturday 15th September 2018

1. BMAT Preparation Course for Medical School Applicants

Tutors: and Ibrahim Humoud Gerda Bachrati

Ibrahim trained and qualified as a doctor in Germany, graduating in the top 5% of his year in the state medical examination. He worked as a Senior House Officer in Switzerland, before undertaking his MSc degree in Neuroscience at UCL. He is currently studying for his Ph.D. in Clinical Neuroscience at the University of Cambridge, where he is a recipient of a Vice-Chancellor's Award and a Cambridge Trust scholar.

Gerda has a first-class degree in Natural Sciences (Pathology), and is currently a clinical Veterinary Medicine student at the University of Cambridge. She plays football for the Cambridge University women's 1st team, for whom she devises and delivers regular training sessions. Gerda also has extensive experience in successfully supporting students with preparing their university applications for Medicine and Veterinary Medicine.

2. Critical Thinking, Advanced Comprehension and Essay Writing for the Cambridge Entrance Assessments; and for the LNAT

Tutor: Jonathan Griffiths

Jonathan received his MA and MSt (Distinction) in Classics from the University of Oxford, after which he became a research student and tutor at the University of Heidelberg, Germany. He is currently pursuing a Ph.D. degree in the History and Philosophy of Science at University College, London. Jonathan has an extensive range of teaching experience from GCSE to undergraduate level in Oxford, London, Cambridge, Germany, and Sichuan, China.

This course will assist students in their preparation for the LNAT; and for the admissions assessments for the following Cambridge courses: [1] Anglo-Saxon, Norse and Celtic (ASNC); [2] Asian and Middle Eastern Studies; [3] Geography; [4a] History, [4b] History and Modern Languages [4c] History and Politics; [5] HSPS; and [6] PBS.

3. Preparing for Oxbridge Admissions Tests for Physics, Engineering and Physical Natural Sciences

Tutors: Dr Stephanie Walton and Dr Bono Xu

Stephanie graduated from Oxford University with a first in Physics, and from Imperial College, London with a Ph.D. in Nanomagnetism. She has worked as Scientist in Residence at The Lady Eleanor Holles School, and, until this summer, taught physics at Highgate School in London. She is an expert in Oxbridge admissions for the physical sciences and for Engineering.

Bono graduated from King's College, Cambridge with a first in Physical Natural Sciences. He recently completed his Ph.D., also at Cambridge, in High Energy Physics. Bono works as a researcher for a technology company in Cambridge on machine learning and artificial intelligence. He has worked as a researcher at the University of Cambridge's Computer Science Department, and at the Hefei National Laboratory for Physical Science in China. Bono has many years' experience of teaching Maths and Physics to Cambridge undergraduates; he has also worked extensively with students aged 15-18, including preparing them successfully for entrance to leading UK universities.

II. One-Day Courses on Saturday 29th September 2018

4. Preparing for the ELAT

Tutor: Cal Revely-Calder

Cal recently completed his PhD on twentieth-century Irish literature at Trinity College, Cambridge, and he continues to teach English to Cambridge undergraduates. He also completed his MPhil (with Distinction) and BA (Double Starred First, top of the year in Part I & Part II) at Cambridge. Cal has extensive experience of teaching students in their final years at school, and advising them on applying to university. In October 2017, he ran our first highly successful ELAT workshop at St Mary's School, Cambridge.

5. Preparing for the TSA (Thinking Skills Assessment)

TSA Section 1 is taken by applicants for the following courses: Chemistry (Oxford); History and Economics (Oxford); and Land Economy (Cambridge). TSA Sections 1 & 2 are taken by applicants for the following Oxford courses: PPE; Economics and Management; Experimental Psychology; Human Sciences; and Psychology, Philosophy and Linguistics.

Students taking TSA Section 1 only will be given an additional session on preparing for this assessment and will not attend the session on preparing for Section 2 of the TSA.

Tutor: Alex O'Bryan Tear

Alex studied Psychology and Philosophy at Oxford, where he was a scholar of Worcester College, and was awarded a prize for outstanding academic achievement. He subsequently completed his Ph.D. in Psychology and Psychiatry at Cambridge where he taught extensively for the PBS (Psychological and Behavioural Sciences) Tripos. Alex has also delivered Independent Thinkers' 'in-house' TSA courses for leading independent schools. He works as a director and performer, as well as a scientific researcher and tutor.

6. Preparing for the Cambridge Economics Admissions Assessment

Tutors: David Carey and Camden Ford

David completed his Masters degree at Oxford in Maths and Philosophy, achieving first class honours. While he was there he was awarded two college exhibitions. He has over two years of teaching experience, working with students aged 14-18.

Camden has been tutoring students in Maths, Chemistry, Engineering and Physics for over seven years, helping students prepare for Oxbridge admissions tests and US SATs, and teaching Maths and Engineering at undergraduate level. He currently teaches several

polymers and composites courses for undergraduate Materials Scientists at Oxford University, having previously achieved his undergraduate and MSc degrees on the same programme. He has run practice interviews and tutorials for prospective Oxford students, and contributed to summer outreach and enrichment programmes for prospective scientists and engineers.

7. Preparing for the Cambridge Biological Natural Sciences Admissions Assessment

This course will also be helpful for students applying to Oxford for Chemistry, Biology or Biochemistry, who wish to consolidate their knowledge of key syllabus content in preparation for interviews in these subjects.

Tutors: George Chater and Katy Edwards

George is a Clinical Fellow at University College London Hospitals NHS Trust Foundation. Prior to taking up this appointment, he worked as a junior doctor at Guy's and St Thomas' NHS Trust in London. He qualified as a doctor at King's College, Cambridge, where he also studied for his undergraduate degree in Natural Sciences (Pharmacology), and undertook his pre-clinical medical training. George holds a Natural Sciences degree in Pharmacology from Cambridge. He has been published both in *The Lancet* and the *BMJ*. George has extensive experience of successfully mentoring and advising students, including international students, on their applications to study Medicine at university. Outside of medicine, George is a trustee of The Karira Trust, a small charity working with schools the Developing World.

Katy is a post-graduate Veterinary Science student at Cambridge, having completed her pre-clinical course and a degree in Biological Natural Sciences (Pathology) at Cambridge. She has extensive tutoring experience, working with students aged 14-18, and has been involved in running peer-mentoring schemes in secondary schools. Katy has been the Captain and Vice-Captain of the Cambridge University women's 1st football team, and has extensive coaching experience which informs her teaching and tutoring practice.