

JOB DESCRIPTION

Job title	Graduate Teaching and Research Scholar in Mathematics
Department	Mathematics
Location	Oriel College, Oriel Square, Oxford OX1 4EW
Hours of work	4 hours of teaching per week during term, help with admissions and administration
Contract type	Fixed-term for one year with a possible extension of up to two years
Reporting to	Kobi Kremnitzer

Overview of the role

Oriel College intends to appoint a Graduate Teaching and Research Scholar in Mathematics, commencing in October 2025. The appointment will be for at least one year and may be renewable for up to two further years.

By October 2025, applicants will have completed at least one year of postgraduate study and will have embarked on a course leading to a DPhil in Mathematics at the University of Oxford. Applicants will be expected to have passed the Transfer of Status procedures before applying. Once appointed, the successful applicant will be expected to transfer his or her College membership to Oriel (with the permission of their current College). The successful candidate will also be required to take a course in tutorial teaching, if they have not already done so.

Responsibilities

To teach for the College for up to 4 hours per week and to pursue doctoral-level study in any area of Mathematics:

- a. To undertake teaching for up to 4 contact hours per week during term time to undergraduates at Oriel College. Teaching arrangements will be coordinated by the Organizing Tutor in Mathematics, Dr Kobi Kremnitzer. Students should receive appropriate guidance for completing work in advance of tutorials and appropriate written feedback on written work submitted.

Specific teaching duties:

The precise teaching duties are flexible, and may to some extent be adapted to the successful candidate's areas of expertise and experience. However, preference will be given to candidates who are able to teach Prelims and Part A mathematics courses in probability and statistics. Details of papers can be found at <https://courses.maths.ox.ac.uk/overview/undergraduate>.

- b. To set and mark Collections (beginning of term internal College exams) as required, and to write end of term Tutorial Reports on TMS.
- c. To liaise with other College staff about addressing any pastoral problems which may arise amongst your students.

The GTR Scholar will assist in the undergraduate admissions process (weeks 9 and 10 of Michaelmas Term) and help with administration of the teaching of mathematics in college. Admissions training will be provided.

Selection criteria

Essential:

- Applicants will have completed at least one year of postgraduate study and will have embarked on a course leading to a DPhil in Mathematics at the University of Oxford.

Desirable:

- Teaching experience would be an advantage. Good knowledge of probability and statistics.

About Oriel

Oriel College is the 5th oldest Oxford College of the 39 self-governing and independent colleges within the University of Oxford and the oldest Royal Foundation; in 2026 we will be celebrating our 700th birthday. Described by our students as 'the perfect size', with around 600 students we're slightly smaller than the average Oxford college, and our community is tight knit and friendly. Oriel brings together a world-class academic community of leading academics and researchers with high achieving and motivated students, underpinned by around 120 people working in the professional support teams.

Located right in the middle of Oxford in beautiful buildings, the College has a rich history and has been home to Saint John Henry Newman, Saint Thomas More, Sir Walter Raleigh and two Noble Laureates, amongst many other influential thinkers.

For more information about Oriel College, please visit <https://www.oriel.ox.ac.uk/>

Maths at Oriel

Oriel has 3 Tutorial Fellows in mathematics: Dr Patrick Farrell, Dr Kobi Kremnitzer, and Prof James Sparks. Oriel takes 6 students in mathematics, 1 or 2 in mathematics and computer science and 1 in mathematics and philosophy each year

Terms and Benefits

The GTR Scholar will be paid for tutorial teaching and admissions at the hourly standard tuition rates as set by the Senior Tutors' Committee. The Scholar will receive free accommodation (or an allowance of £2,933 per annum if living outside college accommodation) and will also have access to a research allocation of £493 per annum. In addition, the postholder will be a member of both the Oriel Senior Common Room and the Middle Common Room and will be entitled to free lunches and dinners up to a maximum of 24 per term in the Senior Common Room (lunch) or at High Table in the Hall (dinner), and 3 meals per week during the vacation in the SCR or Hall.

Procedure for Application and Appointment

HOW TO APPLY Further particulars, including information about how to apply, are available on Oriel College's website (<https://www.oriel.ox.ac.uk/vacancies/>), or they may be obtained from the Academic Staff Officer, Oriel College, Oxford, OX1 4EW (academic.recruitment@oriel.ox.ac.uk).

Applicants should submit their application via Oriel College's website: - (<https://www.oriel.ox.ac.uk/vacancies/>) using the online Application Form. Each application should include: a CV giving a brief summary of the applicant's career with details of their education and teaching experience; a covering letter outlining their reasons for applying, their teaching experience, and their research interests; and names and contact details of two referees (one on whom should be a current research supervisor). Candidates are asked to ensure that their referees are willing to provide references prior to their interview should the candidate be shortlisted. It is anticipated that interviews will be held on **22nd September 2025**.

The closing date for applications is noon on **10th September 2025**.

Informal enquiries may be made to Prof Kobi Kremnitzer (kobi.kremnitzer@maths.ox.ac.uk)

Pre-Employment Screening

All appointments are subject to proof of the candidate's legal right to work in the UK and receipt of satisfactory references.

You will also be asked to complete a health declaration so that you can tell us about any health conditions or disabilities for which you may need us to make appropriate adjustments.

Data Protection

Please note that any personal data submitted to the College as part of the job application process will be processed in accordance with the GDPR and related UK data protection legislation.

The College exists to promote excellence in education and research and is actively committed to the principle of equality of opportunity for all suitably qualified candidates.