

**Summary of the Admissions Process for the subjects of  
MATHEMATICS, MATHEMATICS & COMPUTER SCIENCE,  
MATHEMATICS & STATISTICS, MATHEMATICS & PHILOSOPHY,  
at OXFORD UNIVERSITY in 2011/2012**

**Short-listing Stage**

1. In all 1321 (last year 1540) applications were received in 2011 for the above four degrees. Of these 694 or 53% (808 or 52%) were short-listed. In all 261 offers (including open offers) were made. The 14% decrease in applications is considered to be largely due to the increased standard offer to A\*A\*A from AAA previously.
2. Broken down, by degree subject, these 1321 applications and 261 offers read as:
  - a. Mathematics: 946 (1134) applications; 191 (186) offers.
  - b. Mathematics and Statistics: 159 (208) applications; 18 (31) offers.
  - c. Mathematics and Philosophy: 97 (97) applications; 23 (18) offers.
  - d. Mathematics and Computer Science: 119 (101) applications; 29 (29) offers.
3. In light of the competition for places, the purpose of short-listing is to provide time, during the December interview window in Oxford, to guarantee all shortlisted applicants receive interviews from at least two different colleges.
4. All applicants are expected to sit the Mathematics Admissions Test (MAT) prior to shortlisting, or seek permission in exceptional circumstances to be exempted from the test. In 2011 the test date was 2<sup>nd</sup> November. Details relating to the Mathematics Admissions Test, and including several past and specimen papers, can be found at:

<http://www.maths.ox.ac.uk/prospective-students/undergraduate/specimen-tests>

In 2011 the average score on questions 1-5 was:

- 50.3 (49.0) amongst all applicants;
  - 63.3 (61.4) amongst shortlisted applicants;
  - 71.3 (69.3) amongst successful applicants.
5. Shortlisting is performed in accordance with the stated admissions criteria on the basis of all currently available and relevant data: in particular these data include an applicant's score from the MAT, all aspects of the applicant's UCAS form and any further relevant contextual data specific to the application.
  6. As guidance, and on the basis of a validated weighted combination of the test score and GCSE A\* scores (where applicable), the Admissions Coordinator advises college tutors as to a calculated score which would, if automatically applied, shortlist the field of applicants to around three per place.
  7. Throughout the process all UCAS forms, all test scores, all contextual information, comments and interview grades, are easily accessible to all college tutors involved with admissions via a web-based database.
  8. College tutors review the UCAS forms, and any other information relevant to individual applications, and in light of all information enter their provisional shortlisting decisions in the web-based admissions database. In light of further information a college may reverse the default shortlisting decision, making known the reasons for their decision to the Admissions Coordinator. Provisional shortlisting decisions will become final by an agreed deadline unless appealed by another college or the Admissions Coordinator.

9. The admissions criteria are published on the department's website at:

<http://www.maths.ox.ac.uk/prospective-students/undergraduate/admissions-criteria>

10. Letters and/or emails are then sent to candidates informing them of the outcome of the short-listing exercise.

### **Interview Stage**

11. All short-listed candidates are invited to Oxford for interview around mid-December. The timetable of interviews by subject is readily available on an Admissions Office webpage well in advance of the dates.

12. Each applicant has a first-assigned college, which is either the college to which s/he applied or – in the case of open applications – a college randomly assigned by the Admissions Office in such a way as to even out the competition for places across colleges. Each applicant is also randomly assigned a second college by an algorithm so as to equalise across colleges the interview load per place ratio.

13. During their time in Oxford, applicants are guaranteed interviews by at least two different colleges (their first- and second-assigned colleges) and may also be interviewed by other colleges. Applicants to joint degrees typically have separate interviews on the two disciplines.

14. Interviews are academic in nature. An applicant's performance will be judged according to the admissions criteria. The interviews will be graded on a scale of 1-9 against agreed descriptors and a report of the interview will be made on a standardised form.

15. One or more interviews by Skype, phone or video-conference facilities, are typically arranged for any shortlisted applicant who is unable to attend interviews in Oxford. These interviews commonly take place in the week before the interviews in Oxford.

16. The Admissions Group operates various procedures in a coordinated effort to ensure that the strongest applicants are admitted to the University irrespective of college choice; these include transparency of all test results, interview grades, and UCAS forms amongst all tutors involved with admissions, and a final meeting of tutors at which the strongest unplaced applicants are collectively discussed and open offers are made by the Admissions Group. Typically around 20-25% of offers (22% in 2011) are either open offers or made by a college other than the first college considering the applicant.

17. Decisions are deemed to be official at the end of the Group's final meeting and the shortlisted applications are assigned a final overall grade. These decisions are then conveyed by tutors to their respective college offices for dissemination to short-listed applicants. The Admissions Group has standard offers for those taking A-levels, the International Baccalaureate or Advanced Highers; college tutors will seek advice from admissions tutors or the Admissions Office in making other offers.

### **Feedback**

18. Feedback, other than decisions, will not automatically be sent out but applicants may seek feedback from their first-assigned colleges about any aspect of the admissions process. Feedback will not usually be sent out until the new year, once the admissions process is complete.

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