



Engineering Admissions Feedback 2021-22

Summary

Applications	1111	
Shortlisted	393	
Offers	2022 entry	193 [including 14 <u>open offers</u>]
	2023 entry	5

Mansfield made six offers for 2022 entry.

Shortlisting

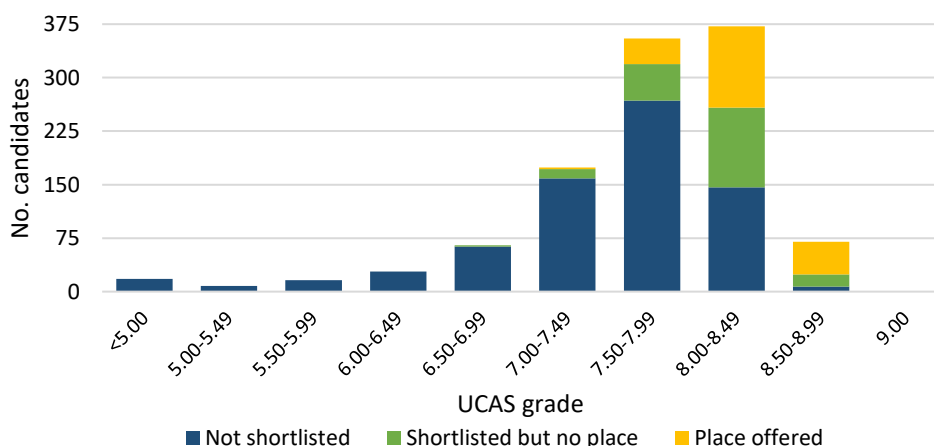
Candidates were shortlisted using their UCAS applications and their scores on the Physics Aptitude Test, along with relevant contextual information. 393 applicants were shortlisted, which was approximately 1.96 candidates per place.

UCAS Application

All applications were assessed independently by tutors from two colleges. The forms were assessed “college blind” (i.e. choice of college was removed). Tutors graded candidates on their examination performance to date, examination predictions, personal statement, and reference, taking into account each applicant’s individual circumstances.

The mean UCAS grade for all applicants was 7.7. The mean grade for shortlisted applicants was 8.2, and 8.3 for those who went on to receive an offer.

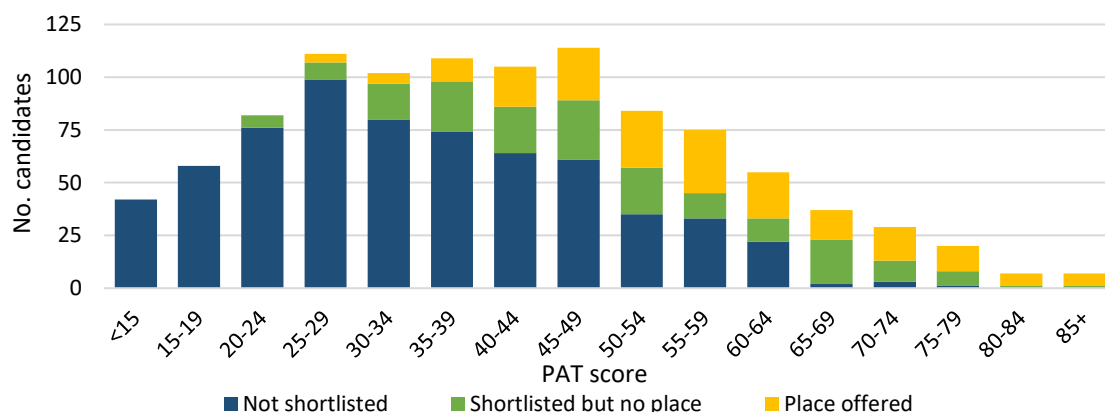
The distribution of grades was as follows:



Physics Aptitude Test

All candidates were required to sit the Physics Aptitude Test on 4 November 2021. The Physics Aptitude Test is a single two-hour paper combining maths and physics questions. The test is set to a defined syllabus and the content is checked by school teachers to ensure that it is set at an appropriate level. More information about the test can be found [here](#).

The mean PAT score for all applicants (excluding those who did not sit the test) was 41.2. For shortlisted applicants the mean was 53.1, and 56.6 for those who went on to receive an offer. The distribution of marks was as follows:



Note: graph excludes candidates who did not sit the PAT (n=73).

PAT scores and UCAS grades were combined to create an initial shortlist, which was then discussed at a meeting of all Engineering tutors. A final list was agreed and applicants were then notified about whether they had been shortlisted.

Interview

All shortlisted candidates were asked to attend two interviews remotely with two different colleges. In the interviews tutors looked for evidence of: fluency in expressing core knowledge and ideas in physics and mathematics; ability to apply existing knowledge methodically to new situations; ability to assimilate and apply new concepts; rapidity in thinking and reasoning; commitment to intense and sustained learning; interest in and enthusiasm for the engineered world.

Offers

Offers were made to candidates who demonstrated the most potential to perform well on the course, on the basis of their UCAS grade, PAT score, interview performance and any other relevant contextual information. The final list of offers was agreed at a meeting of all Engineering tutors. As part of the process, some candidates were reassigned to a college other than the one they had applied to or been allocated: 24.7% of candidates who were made offers received their offer from a college other than their first-choice college. Most candidates were made a conditional offer; for details of the standard offer please see [here](#).