



Advanced Mathematics
Support Programme®



Online course for the MAT

Online

1st September 2020

Overview

We are running **an online course** to prepare students for the **MAT (Mathematics Admissions Test)**, which is the mathematical admissions test used by the University of Oxford and Imperial College.

There is one paper consisting of 10 multiple choice questions followed by four long questions.

This course will consist of seven one-hour online sessions. Students are also welcome to enrol on our similar course for the TMUA (Test of Mathematics for University Admission), but there is no obligation to attend both courses.

The online course for the MAT will run in September and October, with exact dates to be confirmed nearer the time.

Session schedule

Integers, Sequences and Series

Polynomials and Logarithms

Coordinate Geometry and Trigonometry

Curve Sketching and Integration

Algorithms and Counting

Review of misc. multiple choice test questions and exam technique

Review of misc. longer questions and exam technique

Live online sessions will include the discussion of key points and examples from past papers. Course participants will be given access to recordings of the sessions should they not be able to attend a live session. Participants will also be given access to additional online resources including extra notes, exercise sheets and solutions.

Aims

- To introduce mathematical problems at the difficulty level of the MAT.
- To develop students' problem-solving skills so they have confidence in applying for universities that require the MAT or take it into consideration.
- To provide support for students preparing for the MAT.

Who will benefit from attending?

Students who are anticipating sitting the MAT.

Materials and Equipment

All that is needed to participate in the sessions is a computer with a broadband internet connection. No further equipment is needed – communication with the course tutor during the live sessions is via the instant chat feature of the virtual classroom in which the sessions take place.

Cost

The fee for the course is £60, though there are some funded places available to those eligible.

Key Facts

Event ref:	#7600
Audience:	Students
Target year:	Year 12 & 13
Curriculum focus:	University admissions tests
Mathematical focus:	Problem solving
Event format:	Student course
Event length:	7 hours
Online sessions:	7
Region:	National
Date:	Tue 1st Sep 2020
Fee:	£60

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/7600>