General Course Information for the 2018 event.

The course commences at **10:30am on Monday July 9th** with Registration from 9:30am onwards. In the morning there will be an *Introductory Lecture* and an initial *Group Working Session*. Students will be working in small groups, led by a member of academic staff and supported by postgraduate students. Lunch will be on campus and in the afternoon there will be further *Group Working Sessions* and an informational talk on *Studying Mathematics at University*. After the evening meal, there will be an opportunity to join in *Social Activities* that will involve an optional trip off campus and ‘free time’.

On Tuesday July 10th there will be further *Working Sessions*, a *Keynote Lecture*, and each group will work on its *Presentation* ready for the *Final Session* in which each group will present its findings to other groups, in addition to academic staff and postgraduates.

The entire course is on campus. The course will close at around 4:00 p.m. on Tuesday, July 10th.

Students should bring with them pens, pencils and a scientific or graphic calculator. Work to be done on computers will be tackled in one of the School IT suites.

**There is a limit on the number of students who can apply from any school or college. Typically this is two for a school and four for a large college.** We will have a list of reserve applications and will allocate these on a first come first served basis.

**Student Academic Requirements**

This course is aimed at gifted Year 12 A-Level Mathematics students who really **enjoy the subject**, have an *enquiring mind* and the *ability to work with others*. It is **NOT** essential that participants study Further Mathematics.

**Cost**

The cost of the course, including accommodation, all meals and refreshments, is £75. Our information is that many schools and colleges that have the resources to do so may be willing to support their students financially to some degree - including travelling costs in some cases. Interested students are advised to approach their school / college staff about this matter.

**Financial Support**

The School of Mathematics can fund a small number of places for students who qualify for free school meals. Please contact Helen.Harper@manchester.ac.uk for details.
Accommodation

Residential accommodation will be in one of the University halls of residence, and just a 15 minute walk away from the Alan Turing (Mathematics) building. Students will have their own room, with working surface. Bathroom facilities are usually en suite.

The course fee includes accommodation for Monday 9th July. For those students who are unable to travel on Monday morning we can arrange bed and breakfast accommodation for Sunday 8th July with an evening meal at an extra cost of £50. Please indicate on the application form if you require accommodation on Sunday 8th July.

Finding Us

The University of Manchester is situated close to both Piccadilly and Oxford Road train stations. A tram service connects Victoria Station to Piccadilly. It is a 15 minute walk from Chorlton Street Bus Station, and the train journey from Manchester Airport to Piccadilly station is around 25 minutes. There is a multi-storey car park next door to the Alan Turing building.

A map and detailed directions will be sent out to participants shortly before the course commences.

Safety

As mentioned above, the entire course is on campus. We do appreciate that Year 12 students are not children, and going off campus during some periods of social time is acceptable, providing the student in question has signed out. Please read carefully the relevant section on the application form.

Contacts

Steven Broom (Course Organiser): 0161 275 5878; Steven.Broom@manchester.ac.uk
Helen Harper (Administrator): 0161 275 5856; Helen.Harper@manchester.ac.uk