

Paid opportunity for the University of Manchester students studying UG or PG Maths, Engineering, Physics or STEM courses.



The University of Manchester is delighted to continue as the North-Western partner for the mA*ths Online Programme for the 2025/26 academic year.

This initiative runs in collaboration with Mathematics in Education and Industry (MEI) and Imperial College, London and is supported by the HG Foundation. The programme is intended to support students with the academic ability to achieve A/ A* at A-Level to reach their full academic potential in their Maths studies. The programme is targeted at pupils from communities underrepresented in Higher Education.

Undergraduates and Postgraduates mentors help students with the mA*ths Online Massive Open Online Courses (MOOCs) designed to enhance Year 12 and 13 students' understanding of the A-Level Maths and A-Level Further Maths curriculum.

We're looking to recruit approximately 30 total mentors across our three programmes for the upcoming 25/26 academic year. **Group mentors are expected to attend two in-person Masterclasses, then take on three mentoring sessions lasting two hours (or two three-hour sessions) in six total mentoring weeks. Reserve mentors will attend the two in-person Masterclasses and will be on standby to take on group mentoring sessions when needed.**

Mentors must be able to commit to at least one of the below schedules before applying. Successful mentors will be assigned to one programme. See below for a breakdown of mentor and programme schedules:

Year 13 Programme: October 2025 to February 2026

We are looking for 4 group mentors, and 2 reserve mentors.

Date	Event / Activity	Number of hours	Location
TBC	Mandatory Online Training	4 hours	Online - Teams
25 th October 2025	Masterclass 1	7 hours	In-person – UoM Campus
W/C: 10/11/2025	MOOC 1 wk 3: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 24/11/2025	MOOC 1 wk 5: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 08/12/2025	MOOC 1 wk 7: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
CHRISTMAS BREAK			
W/C: 19/01/2026	MOOC 2 wk 3: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 02/02/2026	MOOC 2 wk 5: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 16/02/2026	MOOC 2 wk 7: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
28 th February 2026	Masterclass 2	7 hours	In-person – UoM Campus

Year 12 Programme: January 2026 till May 2026

We are looking for 14 group mentors, and 3 reserve mentors.

Date	Event / Activity	Number of hours	Location
TBC	Mandatory Online Training	4 hours	Online - Teams
24 th January 2026	Masterclass 1	7 hours	In-person – UoM Campus

W/C: 09/02/2026	MOOC 1 wk 3: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 23/02/2026	MOOC 1 wk 5: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 09/03/2026	MOOC 1 wk 7: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 06/04/2026	MOOC 2 wk 3: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 20/04/2026	MOOC 2 wk 5: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 04/05/2026	MOOC 2 wk 7: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
9 th May 2026	Masterclass 2	7 hours	In-person – UoM Campus

Year 12 Further Maths Programme: January 2026 till May 2026

We are looking for 5 group mentors, and 2 reserve mentors.

Date	Event / Activity	Number of hours	Location
TBC	Mandatory Online Training	4 hours	Online - Teams
17 th January 2026	Masterclass 1	7 hours	In-person – UoM Campus
W/C: 02/02/2026	MOOC 1 wk 3: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 23/02/2026	MOOC 1 wk 6: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 09/03/2026	MOOC 1 wk 8: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 06/04/2026	MOOC 2 wk 3: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 27/04/2026	MOOC 2 wk 6: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
W/C: 11/05/2026	MOOC 2 wk 8: 3 X online tutorials	6.5 hours (3 X 2 + Prep)	Integral Virtual Platform
16 th May 2026	Masterclass 2	7 hours	In-person – UoM Campus

Overall purpose of the role

mA*ths Online Programme mentors will:

- Provide information, advice, and guidance on the benefits of studying in higher education at UoM.
- Provide support and guidance on how to complete the MOOC modules and assessments.
- Act as a positive role model and promote healthy study habits for pupils.

Main responsibilities

- Attendance at mandatory training session on role responsibilities and tasks, as well as mandatory online training from Imperial College, London around being a good mentor.
- Mandatory attendance at a welcome event Masterclass 1, which includes Masterclasses delivered by MEI and academics from The University of Manchester’s Department of Mathematics.
- Completion of MOOC modules.
- Attendance at online mentoring sessions with pupils during specific mentoring weeks, providing three, two-hour sessions (or two three-hour sessions) on weekday evenings
- Attendance at the end of the programme celebration and masterclass event 2.

This role is suitable for:

- UoM students studying UG or PG Maths, Engineering or Physics, or other STEM subjects courses who have a Maths A-Level or equivalent qualification. Knowledge and experience of the UK Education system will be prioritised.
- Preference will be given to applicants with previous experience of tutoring or working with young people in an education setting.

Person Specification:

We are looking for individuals who are:

- Able to deliver engaging group sessions, and hold the attention of young people
- Enthusiastic and able to motivate young people to get involved in activities
- Able to communicate confidently, and adapt style to suit different audiences
- Reliable, punctual, and organised.
- Willing and able to attend mandatory training sessions
- Able to commit to attending / delivering all the sessions outlined above under key dates for at least one programme.
- Able to relate to Year 12 and Year 13 learners in target colleges & sixth-forms, and have studied A-Level Maths

In addition, tutors will be required to have a clear **Enhanced Disclosure and Barring Service check (DBS)** to ensure suitability for working with young people (this will be facilitated by UoM once appointed to the role). Should a DBS come back with a concern raised, the team reserves the right to withdraw any offer of employment, if this is deemed to disqualify you for the role.

Payment

Group Mentors will be paid an hourly rate of £15.89 including holiday pay:

- For attending the virtual training session for mentors.
- For attending both the welcome and the end of programme celebration
- For 6.5 hours to prepare and lead the online mentoring per mentoring delivery week

We estimate this equates to approximately 57 hours during the programme you are assigned to. You will not be paid for any events/ sessions you fail to complete or attend.

Reserve Mentors will be paid an hourly rate of £15.89 including holiday pay:

- For attending the virtual training session for mentors
- For attending both the welcome and the end of programme Masterclasses.
- For any group mentoring sessions you cover throughout the programme.

We estimate this equates to a guaranteed 18 hours (approximately) whilst on the programme you are assigned, not including any mentoring sessions you cover. You will not be paid for any events/ sessions you fail to complete or attend.

Contact details and how to apply:

If you would like to apply for this role, please complete the application form -

https://www.qualtrics.manchester.ac.uk/jfe/form/SV_2soLbFBIWINQNa6

The application will consist of two parts, one part written and one part video interview. Please complete the above written application form, detailing personal information and relevant experience to the role. Once completed, this will give you the link to the video interview on the Shortlist.me platform. Please ensure you are in a quiet space and have time to complete the digital interview. There will be four questions total.

Closing date: September 21st 2025 at 2pm

If you have any questions about the role, or any of the information provided here, please email mathsonline@manchester.ac.uk