

Mathematics with Teaching

University of Strathclyde

Content

Years 1 and 2

You'll follow the same curriculum as the BSc (Honours) in Mathematics; you study core mathematical methods and modules in calculus, geometry, applied analysis, mechanics, analysis, and probability and statistics.

Year 3

Will be devoted to studying a mixture of level 3 and level 4 Mathematics and Statistics modules.

Year 4

In this year you will take modules that develop the pedagogy of teaching.

Alongside these modules, a major part of year 4 in the School of Education at Strathclyde is school placements in Scottish secondary schools. There are 18 weeks of placement in total with one placement in each semester of the programme.

Placement one operates on a model of solo teaching, team teaching and observation of your colleagues within the science department in which you are based. This progression is designed to support you in developing your confidence at this early stage of your teaching journey.

The second placement is longer with greater expectations on you in terms of planning for greater periods of responsibility, becoming an active member in your science department and gaining the confidence to get involved in the wider life of the school. The aim here is to see you become a rounded practitioner ready for your own classroom.

Placement is your chance to put what you are learning into practice, and you will be encouraged to explore your own teaching style, learn new techniques and develop relationships with your pupils. You will be assessed during placements and school and University staff will assist your professional development in ways that should help you meet the 'Standard for Provisional Registration' set by the General Teaching Council for Scotland (GTCS). Successful completion of the course will see you enter a guaranteed probationary year in a Scottish local authority school where you will be supported further with mentoring and a reduced timetable in your first year.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G1XC

Course Length

4 years

Faculty

Faculty of Science

Department

Mathematics and Statistics

Entry Requirements

2026 entry requirements

Standard entry:

4 or 5 Highers at AABB or ABBBC including Maths at A and English. Advanced Higher Maths preferred.

Widening access entry:

4 Highers at ABBB including Maths at A (or BBBB including Maths at B plus 70% in Strathclyde Summer School Mathematics) and English.

For entry to year 2 you would require Advanced Highers at AB including Maths at A plus Higher English.

A Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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Website

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