

Mathematics and Physics

University of Strathclyde

Content

This is a four-year joint Honours programme. Each year contains compulsory classes and some years contain either optional classes which relate to different areas of mathematics and physics and/or elective classes from other subject areas in the University.

Years 1 and 2

You'll take basic classes in both disciplines. In addition to the study of core mathematical methods, you'll learn calculus, geometry, applied analysis, mechanics, numerical analysis and probability and statistics. Physics classes cover mechanics, waves and optics, electromagnetism and quantum physics, together with experimental physics.

In Years 3 and 4

You'll choose from the wide range of Mathematics & Physics classes available. It is possible to focus on an area in computational physics, or lasers and optics, or theoretical physics, such as quantum theory, while still developing mathematical skills. Your final-year project may be undertaken in either subject.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

GF13

Course Length

4 years

Faculty

Faculty of Science

Department

Mathematics and Statistics

Entry Requirements

2024 entry requirements

Standard entry:

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

Widening access entry:

4 Highers at ABBB including Maths at A and Physics at B plus English at National 5, or BBBB including Maths at B, Physics at B and 70% in Strathclyde Summer School Mathematics. Higher English preferred.

For entry to year 2 you would require Advanced Higher Maths at A and Physics at B.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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Website

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