Mathematical Physics

Heriot-Watt University

Venues

Edinburgh Campus

Content

The pursuit of mathematical physics not only unveils the fundamental structures of the universe but also propels technological advancements, providing a wide array of career opportunities across various industries. This makes it an incredibly versatile and intellectually rewarding field of study.

A grounding in mathematical physics opens doors to diverse career paths. From data science and finance, where analytical and problem-solving skills hold high value, to technology, where a detailed understanding of the origins and interactions of matter, forces, and space-time sparks innovation. Roles in engineering, research, academia, and specialized fields like quantum computing or renewable energy all greatly benefit from a background in this field.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G1PH

Course Length

3- 4 years

Faculty

Science, Technology, Engineering and Mathematics (STEM)

Department

Mathematics

Entry Requirements

2027 entry requirements

5 Highers at ABBBB (Standard entry) or BBBC (Widening access entry) including Maths and Physics plus English at National 5.

For entry to year 2 you would require 3 Advanced Highers at ABB including Maths and Physics plus above.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk