

## Mathematics and Theoretical Physics

University of St Andrews

### Content

The primary focus of Mathematics at St Andrews is understanding patterns and structure, and developing the tools with which to analyse them. Students of mathematics are able to describe, categorise and understand processes involved in physical or biological phenomena, as well as the structure of mathematics itself.

The study of Mathematics at St Andrews allows students to specialise in either pure or applied mathematics, from abstract theory to a range of applications in physics, computer science, biology and finance.

Physics is a key subject for understanding the world and universe. While there is much that is known, there is still a great deal to be explored. Physics goes all the way from abstract theoretical physics to experimental investigations that can be directly applied to new technologies.

### Start Date

September

### Qualification

Degree

### Study Method

Full time

### Award Title

MPhys

### UCAS Code

FGH1

### Course Length

4-5 years

### Faculty

Faculty of Science

### Department

Mathematics and Statistics

## Entry Requirements

2023 entry requirements

Standard entry:

4 Highers at AAAAB including Maths and Physics at AA plus English at National 5 at B.

Widening access entry:

4 Highers at AAAB including Maths and Physics at AA plus English at National 5 at B. (You may gain entry to the Gateway programme with 4 Highers at BBBB).

Entry into second year is possible with Advanced Highers at AA including Maths plus Highers at AAAAB.

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

College Gate  
St Andrews  
Fife  
KY16 9AJ

## Website

[www.st-andrews.ac.uk](http://www.st-andrews.ac.uk)