

Physics

University of Strathclyde

Content

Year 1

You'll study maths, mechanics, wave and optics, electromagnetism and quantum physics and practical laboratory work. You'll also select elective classes from across the University.

Year 2

All classes are compulsory and will increase your understanding of physics developed in first year. You will be introduced to new classes, including solid-state physics and computational physics. Laboratory work becomes more sophisticated, recognising your growing maturity as a physicist.

Year 3

Compulsory classes include quantum physics, statistical mechanics, electromagnetism and solid-state physics together with mathematics. The laboratory work undertaken in Year 3 is aimed at further developing your laboratory skills in readiness for the 4th year project. A key part of being a physicist is the communication of your understanding of the subject and in 3rd year you will take a classes designed to enhance the communication skills acquired in Years 1 and 2. ?

Year 4

You'll undertake a final-year project in our research labs. Along with the project you also undertake a class that introduces you to the ideas behind the commercialisation of research. ?You can choose optional classes from a wide range of subjects, from photonics through to quantum information theory.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

F300

Course Length

4 years

Faculty

Faculty of Science

Department

Physics

Entry Requirements

2023 entry requirements

Standard entry:

4 or 5 Highers at AAAB or ABBBB including Maths and Physics plus English at National 5. Higher English preferred.

Widening access entry:

4 Highers at AABC or ABBB including Maths and Physics at B plus English at National 5. Higher English preferred.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

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Website

www.strath.ac.uk