

## Physics

University of Aberdeen

### Venues

Old Aberdeen Campus

### Content

Physics challenges our imaginations with concepts like relativity and string theory, and it leads to great discoveries about how the world works. Discoveries in Physics make possible technological innovations like transistors, the microchip, computers and lasers, which in turn change our lives. Physics encompasses the study of the universe from the largest galaxies to the smallest subatomic particles.

Year 1: The Physical Universe A; The Physical Universe B.

Year 2: Light Science; Dynamical Phenomena; Practical Optics and Electronics; Relativity and Quantum Mechanics.

Year 3: Energy and Matter; Introduction to the Solid State; Research and Computing Skills; Advanced Practical Skills; Quantum Mechanics; Electricity and Magnetism.

Year 4: Project; Case Studies in the Physical Sciences; Statistical Physics and Stochastic Systems.

### Start Date

September

### Qualification

Degree

### Study Method

Full time

### Award Title

BSc Hons

### UCAS Code

F300

### Course Length

4 years

### Faculty

Physical Science

## Department

Natural and Computing Sciences

## Entry Requirements

2025 entry requirements

Standard entry:

4 Highers at AABB (by end of S5) including Maths and Physics by end of S6 plus English, Maths and Chemistry or Physics at National 5. Those with Highers at BBB by end of S5 are encouraged to apply.

For second year entry you would require the above plus 3 Advanced Highers at ABB including Maths and Physics at AB or BA.

Widening access entry:

2 Highers at BB (by end of S5). Additional Highers/Advanced Highers in S6.

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

## SCQF Level

10

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

King's College  
Aberdeen  
Aberdeen City  
AB24 3FX

## Website

www.abdn.ac.uk