

## 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

2020 entry requirements:

4 Highers at AABB (first sitting) including Maths and Physics plus English, Maths and Chemistry or Physics at National 5.

For advanced entry to year 2, you will require 3 Advanced Highers at ABB including Maths and Physics at AB or BA.

## SCQF Level

10

## Address

King's College  
Aberdeen  
Aberdeen City  
AB24 3FX

## Website

[www.abdn.ac.uk](http://www.abdn.ac.uk)