Physical Sciences

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

F302

Course Length

4 years

Faculty

Physical Science

Department

Natural and Computing Sciences

Entry Requirements

2027 entry requirements:

Standard entry:
4 Highers at BBBB including 2 maths or science subjects plus English and Maths at National 5.

For second year entry you would require 2 Advanced Highers at AB.

Widening access entry:
3 Highers at BBC including 2 maths or science subjects plus English and Maths at National 5.

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