Physics with Nuclear Technology (accredited by the Institute of Physics)

University of the West of Scotland

Venues

Paisley Campus

Content

The BSc Physics with Nuclear Technology course is the only one of its kind in Scotland, and is accredited by the Institute of Physics (IoP).

The programme develops your understanding of the fundamentals of physics as a core science, and will build your knowledge and professional skills to prepare you for a career in any area of physics, including industrial applications and academic research.

As the course has a focus on nuclear technology, you will be prepared for a career in the nuclear power industry, or in the use of nuclear technology in the healthcare sector.

Nuclear technology has far-reaching applications for our world; in medical imaging, environmental monitoring, radioactive dating, and nuclear energy generation. Nuclear physics and radiation detection are also prerequisites in conducting research in nuclear and particle physics at large laboratories such as CERN, the European organisation for Nuclear Research.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons (Sandwich)

UCAS Code

F390

Course Length

4 - 5 years

Faculty

School of Computing, Engineering and Physical Sciences

Department

Physical and Chemical Sciences

Entry Requirements

2026 entry requirements

Standard entry:
4 Highers at BCCC including Maths or Applications of Maths and Physics OR Higher Maths at B Plus Physics at National 5 at B.

Entry to year 2 may be possible with 3 Advanced Highers at CCD including Maths and Physics.

Widening access entry:
3 Highers at CCC including Maths or Applications of Maths and Physics OR Higher Maths at B Plus Physics at National 5 at B.

SCQF Level

10

SCQF Points

«SCQFPoints»

Progression Routes

The combination of lecture courses and practical work will ideally equip you with skills necessary for a successful career in a nuclear-related industry or research. Scientific, technical, and problem-solving skills acquired during a degree in physics can be put to use in many areas of industry and research.

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www.uws.ac.uk