



Health Physics: Career Route Map

Find out more at: www.horizonnuclearpower.com/futures

School / FE College

GCSE

- A* - C Grades in 5 subjects (Maths, Sciences, English and 1 other)
- Welsh Baccaulaureate Foundation Skills Challenge Certificate (KS 4) (Applicable to Wales only)

BTEC

- BTEC National Diploma / Apprenticeship

A LEVEL

- A* - B Grades in Science subjects and 2 other subjects
- Welsh Baccaulaureate Foundation / National Skills Challenge Certificate (Post - 16) (Applicable to Wales only)

HE Education

UNDERGRADUATE DEGREE

- Physics – BSc Hons*
 - A Levels – including Maths and Physics
- Physics – Msc Hons*
 - A Levels
- Nuclear Engineering – MEng Hons*
 - A Levels
- Nuclear Science & Materials BSc Hons*
 - A Levels – in Maths and Physics
- Relevant Degree in Engineering or Science*

POSTGRADUATE DEGREE

- MSc Radiation and Environmental Protection
e.g. University of Surrey
- MSc Medical and Radiation Physics
e.g. University of Birmingham

Health Physics Roles

FOR A SCIENCE ROLE A DEGREE OR APPRENTICESHIP IN A RELEVANT TECHNICAL DISCIPLINE WILL BE REQUIRED.

Health Physicists monitor plant, people and the environment for radiation as part of the stringent safety measures employed at nuclear power stations.

Example of post and role:

Progression within disciplines is possible.

HEALTH PHYSICS ENGINEERS

Health Physics Engineers can be promoted from the Health Physics Monitors, therefore a degree is not always necessary.

HEALTH PHYSICS MONITORS

