

Step into a career in Nuclear Medicine

Level 2

Programme: Level 2 Healthcare Science Assistant Apprenticeship
Award: Level 2 Diploma in Healthcare Science
Funded by: Government Apprenticeship levy
Provided by: Education providers

Level 6

Programme: Practitioner Training Programme (PTP) Healthcare Science (Nuclear Medicine)
Award: BSc (Hons) Healthcare Science & eligibility to join the AHCS voluntary register for Healthcare Science Practitioners & eligibility to join the RCT voluntary register of Clinical Technologists
Funded by: Student loan & clinical placement tariff*
Provided by: Swansea University

Level 6

Programme: Healthcare Science Practitioner (Medical Physics Technology –Nuclear Medicine) Degree Apprenticeship
Award: BSc (Hons) Healthcare Science & eligibility to join the AHCS voluntary register for Healthcare Science Practitioners & eligibility to join the RCT voluntary register of Clinical Technologists
Funded by: Government Apprenticeship levy & clinical placement tariff*
Provided by: University of the West of England (UWE)

Level 4

Programme: Level 4 Healthcare Science Associate Apprenticeship
Award: Level 4 Diploma in Healthcare Science
Funded by: Government Apprenticeship levy
Provided by: Education providers

Level 7

Programme: Scientist Training Programme (STP) in Nuclear Medicine
Award: CCSTP, MSc Clinical Science & eligibility to join the HCPC register as a Clinical Scientist
Funded by: NHS England
Provided by: NHS England & Universities

Level 8

Programme: Higher Specialist Scientist Training (HSST) in Imaging Physics
Award: CCHSST, DClinSci & eligibility to join the AHCS Higher Specialist Scientist Register
Funded by: NHS England
Provided by: NHS England & Universities

Level 2 Healthcare Science Assistant Apprenticeship providers

- The Association of Health Professions in Ophthalmology
- Barnsley College
- City College Plymouth
- CSR Scientific Training Ltd
- Dudley College of Technology
- Dynamic Training UK Ltd
- Essex County Council
- Halesowen College
- Heart of Yorkshire Education Group
- HTP Apprenticeship College Ltd
- JAG Training Ltd
- Kendal College
- Luminate Education Group
- Macclesfield College
- Middlesex University
- The Sheffield College
- Southport College
- Steadfast Training Ltd
- Wirral Metropolitan College

Level 2 Healthcare Science Assistant Apprenticeship eligibility

See education provider for specific requirements - [Healthcare science assistant \(level 2\) - apprenticeship training course \(education.gov.uk\)](#)

Level 4 Healthcare Science Associate Apprenticeship providers

- The Association of Health Professions in Ophthalmology
- City College Norwich
- Coventry University
- CSR Scientific Training Ltd
- CU Apprenticeships (Better Futures) Ltd
- Dudley College of Technology
- Dynamic Training UK Ltd
- East Durham College
- Halesowen College

- Heart of Yorkshire Education Group
- Kendal College
- Luminate Education Group
- Macclesfield College
- Middlesex University
- The Sheffield College
- Steadfast Training Ltd
- Wirral Metropolitan College

Level 4 Healthcare Science Associate Apprenticeship eligibility

See education provider for specific requirements [Training providers for Healthcare science associate \(level 4\) \(education.gov.uk\)](#)

Level 6 PTP BSc (Hons) Healthcare Science (Nuclear Medicine) provider

- Swansea University

Level 6 PTP BSc (Hons) Healthcare Science (Nuclear Medicine) eligibility

A levels or equivalent, see university website for specific requirements.

Level 6 BSc (Hons) Healthcare Science Practitioner (Medical Physics Technology –Nuclear Medicine) Degree Apprenticeship providers

- University of the West of England**

Level 6 BSc (Hons) Healthcare Science Practitioner (Medical Physics Technology –Nuclear Medicine) Degree Apprenticeship eligibility

A levels or equivalent, see university website for specific requirements.

Level 7 STP MSc Clinical Science (Nuclear Medicine) providers

- King's College London
- Newcastle University
- Swansea University
- University of Liverpool

Level 7 STP Nuclear Medicine eligibility

Undergraduate honours degree or an integrated Master's degree (1st or 2:1), in a pure or applied science subject relevant to the specialty for which you are applying OR higher degree in a relevant subject & undergraduate honours degree (2:2) in any subject.

Level 8 HSST DClin Sci (Medical Physics) providers

- Manchester Academy for Healthcare Science Education (MAHSE)

Level 8 HSST Imaging Physics eligibility

HCPC registered Clinical Scientist with at least one-year post-registration experience.

Programme duration

- Practitioner Training Programme (PTP)
 - 3-year programme
- Scientist Training Programme (STP)
 - 3-year programme
- Higher Specialist Scientist Training (HSST)
 - 5-year programme
- Level 6 Healthcare Science Practitioner Degree Apprenticeship
 - 3-6-year programme
- IPEM Clinical Technologist Training Scheme
 - 2-year programme
- IPEM Clinical Scientist Guided Training Scheme
 - 3.5-year programme

Education levels

1. GCSE grades 3-1; L1 NVQ etc.
2. GCSE grades 9-4; L2 NVQ etc.
3. A level; AS level; L3 NVQ etc.
4. HNC; L4 NVQ
5. Foundation (Undergraduate)
6. Bachelors (Graduate)
7. Masters (Postgraduate)
8. Doctorate (Consultant)

Professional Bodies

- IPEM – Institute of Physics & Engineering in Medicine

Other training schemes in Nuclear Medicine

- IPEM Clinical Technologist Training Scheme*** [IPEM Clinical Technologist Training Scheme - IPEM](#)
- IPEM Clinical Scientist Guided Training Scheme [Clinical Scientist Guided Training Scheme - IPEM](#)
- ACS Route 2 training [My Routes to Registration – Association of Clinical Scientists \(assclinsci.org\)](#)

Other training & qualifications currently available

For additional qualifications, see:

- IPEM website: [CPD and Post Registration Learning - IPEM](#)

Registration

- HCPC – Clinical Scientist (statutory)
- RCT – Registered Clinical Technologist (voluntary)
- AHCS – Healthcare Science Practitioner (voluntary)
- The Science Council – Chartered Scientist (CSci) (voluntary)
- The Science Council – Registered Scientist (RSci) (voluntary)
- The Science Council – Registered Science Technician (RSciTech) (voluntary)

Equivalence

- AHCS - <https://www.ahcs.ac.uk/equivalence/>
- ACS - <https://assclinsci.org/applicants/my-route-to-registration/>

Useful websites

- IAEA - [International Atomic Energy Agency | Atoms for Peace and Development \(iaea.org\)](#)
- BNMS - [British Nuclear Medicine Society \(bnms.org.uk\)](#)
- ICRU - [ICRU](#)
- IPEM - [IPEM Home – IPEM](#)
- NSHCS - <https://nshcs.hee.nhs.uk/>
- RCT - [The Register of Clinical Technologists – Register of Clinical Technologists \(therct.org.uk\)](#)

Further information

- AHCS – Academy of Healthcare Science
- BNMS – British Nuclear Medicine Society
- HCPC – Health & Care Professions Council
- IAEA – International Atomic Energy Agency
- ICRU – International Committee for Radiological Units
- IPEM – Institute of Physics and Engineering in Medicine
- NSHCS – National School of Healthcare Science
- RCT – The Register of Clinical Technologists

*Clinical placement tariff attracted for hosting students. See UK Government website for more information -

<https://www.gov.uk/government/publications/healthcare-education-and-training-tariff-2022-to-2023>

**Accredited by NSHCS as PTP

***The following IPEM Clinical Technology Training Scheme for Clinical Technologists (TTS) sub-specialties are available: Medical Engineering Technologist; Radiation Engineering Technologist; Rehabilitation Engineering Technologist; Renal Technologist; **Nuclear Medicine Technologist**; Radiation Physics Technologist; Radiotherapy Physics Technologist