

Step into a career in Clinical Informatics



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 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: Level 7 Bioinformatics Scientist Apprenticeship
Award: MSc Bioinformatics
Funded by: Government apprenticeship levy
Provided by: Universities



Level 7

Programme: Level 7 Postgraduate Certificate in Clinical Data Science
Award: Postgraduate Certificate in Clinical Data Science
Funded by: NHS England
Provided by: University of Manchester



Level 7

Programme: Scientist Training Programme (STP) in Clinical Informatics
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 Health Informatics
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

- Association of Health Professions in Ophthalmology
- Barnsley College
- City College Plymouth
- CSR Scientific Training
- Dudley College of Technology
- Dynamic Training Ltd
- Essex County Council
- Halesowen College
- Heart of Yorkshire Apprenticeship Group
- HTP Apprenticeship College Ltd
- Jag Training Ltd
- Macclesfield College
- Newham College of Further Education
- Sheffield College
- Southport College
- Steadfast Training Ltd
- Trafford College Group
- Wakefield College
- 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

- Association of Health Professions in Ophthalmology
- City College Norwich
- Coventry University
- CSR Scientific Training
- Dudley College of Technology
- Dynamic Training Ltd
- Halesowen College
- Heart of Yorkshire Apprenticeship Group
- Kendal College
- Macclesfield College

- Sheffield College
- Steadfast Training Ltd
- Wakefield College
- 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 7 STP MSc Clinical Science (Clinical Bioinformatics) provider

- Manchester Academy for Healthcare Scientist education (MAHSE)

Level 7 STP Clinical Informatics 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 (Bioinformatics – Health Informatics) provider

- Manchester Academy for Healthcare Scientist Education (MAHSE)

Level 8 HSST Health Informatics eligibility

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

Programme duration

- Scientist Training Programme (STP)
– 3-year programme
- Higher Specialist Scientist Training (HSST)
– 5-year programme
- Level 7 Postgraduate Certificate in Clinical Data Science
– 1-2-year programme

- Level 7 Bioinformatics Scientist Apprenticeship
– 2.5-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

- BCS – The Chartered Institute for IT
- FEDIP – Federation for Informatics Professionals
- IHRIM – Institute of Health Records & Information Management

Registration

- HCPC – Clinical Scientist (statutory)
- UKCHIP – Health Informatics Professional (voluntary)

Equivalence

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

Other training & qualifications currently available in Clinical Informatics

- Certificate in Health Informatics (CHI) - [Health Informatics Certificate \(health-informatician.com\)](#)
- Diploma in Health Informatics (DHI) - [Health Informatics Diploma \(health-informatician.com\)](#)

Useful websites

- ACM - [Association for Computing Machinery \(acm.org\)](#)
- AHCS - [The Academy For Healthcare Science - AHCS](#)
- BCS - [BCS, The Chartered Institute for IT | BCS](#)
- FEDIP - [Health And Care Informatics | The Federation for Informatics Professionals \(fedip.org\)](#)
- HCPC - [The Health and Care Professions Council \(HCPC\) | \(hcpc-uk.org\)](#)
- HealthInformatics.com - [What is Health Informatics? - for Health Informaticians \(health-informatician.com\)](#)
- IHRIM - [Institute of Health Records and Information Management \(IHRIM\) - IHRIM](#)
- NSHCS - [National School of Healthcare Science | Health Education England | NHS \(hee.nhs.uk\)](#)

Further information

- AHCS – Academy of Healthcare Science
- BCS – The Chartered Institute for IT
- FEDIP – Federation of Informatics Professionals
- HCPC – Health & Care Professions Council
- IHRIM – Institute of Health Records & Information Management
- NSHCS – National School of Healthcare Science
- UKCHIP – UK Council of Health Informatics Professionals