

# Training, development and registration (cancer genomics)

The education and training you will take, will depend upon the level at which you're working.

## Training and development

- If you enter via the [NHS Practitioner Training Programme \(PTP\)](#) <sup>[1]</sup> you will need to take a full-time (usually 3-year) accredited integrated BSc degree in healthcare science (genetic science) at university. At least 50 weeks of work based training in the NHS is included in these programmes. For the most up to date list of accredited BSc healthcare science degrees, please use our [course finder](#) <sup>[2]</sup>. Applications for full-time courses are made through [UCAS](#) <sup>[3]</sup>.
- If you're a graduate entering the [NHS Scientist Training Programme \(STP\)](#) <sup>[4]</sup> you will be employed in a fixed-term, salaried training post and will study towards a Master's degree qualification in clinical science (genomic sciences).
- If you're an experienced and registered clinical scientist entering [Higher Specialist Scientist Training \(HSST\)](#) <sup>[5]</sup> you will study towards doctoral level qualifications.

Programmes are often supported by the development of work based assessment tools, assessment of equivalent learning and the development of academic careers.

[Find out more about the entry requirements, skills and interests required for a career in cancer genomics](#) <sup>[6]</sup>

[Find out more about a career in cancer genomics](#) <sup>[7]</sup>

## • CPD, ASP and registration

No matter what level you are working at, as part of your development you will be expected to do 'Continuing Professional Development' (CPD) to show that you are keeping yourself up to date with the policies and procedures in your area of work.

## Accredited Scientific Practice- development opportunities for healthcare science staff

Accredited Scientific Practice (ASP) provides an additional route for your ongoing professional and scientific development as part of the healthcare science (HCS) workforce. ASP allows employers to develop bespoke, responsive, short course programmes to meet training needs within the HCS workforce. ASP programmes provide you with a quality assured, rigorously assessed qualification which can lead to voluntary professional registration with the Academy for Healthcare Sciences (AHCS).

An ASP programme involves work based learning with academic study of modules from the National School of Healthcare Science (NSHCS) portfolio programmes. Access to an e-portfolio is provided to record learning in the workplace while associated academic study is completed independently through an accredited university provider. In some cases, completion of academic study may also lead to an award of a postgraduate qualification from the university provider.

Read more about ASP on the NSHCS website [8].

### Registration

As a clinical scientist, you'll need to be registered with the Health and Care Professions Council (HCPC) [9]. You'll also need to hold an Academy for Healthcare Science (AHCS) Certificate of Attainment granted upon completion of the MSC Scientist Training Programme or AHCS Certificate of Equivalence.

Read more about the Academy's Certificates on its website [10].

As a healthcare science practitioner in cancer genomics [11], you can join the voluntary register maintained by the Academy for Healthcare Science (AHCS).

Find out more about the Academy's voluntary register for healthcare science practitioners [12]

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**Source URL:**<https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/cancer-genomics/cancer-genomics/training-development-and-registration-cancer>

### Links

[1] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/studying-healthcare-science> [2] <https://www.healthcareers.nhs.uk/career-planning/course-finder> [3] <http://www.ucas.com> [4] <https://www.healthcareers.nhs.uk/career-planning/study-and-training/graduate-training-opportunities/nhs-scientist-training-programme> [5] <https://www.healthcareers.nhs.uk/career-planning/developing-your-health-career/nhs-higher-specialist-scientist-training> [6] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/cancer-genomics/entry-requirements-skills-and-interests-cancer-genomics> [7] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/cancer-genomics> [8] <http://www.nshcs.hee.nhs.uk/join-a-programme-asp/accredited-scientific-practice> [9] <http://www.hcpc-uk.org> [10] <http://www.ahcs.ac.uk/> [11] <https://www.healthcareers.nhs.uk/glossary#Genomics> [12] <http://www.ahcs.ac.uk/the-register/join-the-register/>