

NHS Higher Specialist Scientist Training

If you are a registered and experienced clinical scientist, you may be interested in training to become a consultant healthcare scientist.

Consultant healthcare scientists improve patient care by applying their specialist scientific skills.

What does the training scheme involve?

- a five-year programme at a similar standard to medical specialty training
- work-based training and study at doctorate level
- possibly gaining Medical Royal College qualifications (eg fellowship of the Royal College of Pathologists).



What opportunities are there?

It can be possible to find posts in:

- clinical bioinformatics
- life sciences
- physical sciences and biomedical engineering
- physiological sciences

Click on the boxes below to find out more about each area and find out more about the different [healthcare science roles](#) [1].

How do I get a place?

There are two ways to get on to an [HSST](#) [2] programme:

- direct entry - apply for a newly advertised post in an accredited training department
- in-service training - be nominated by your employer to move into an existing post

How do I apply?

Applications are made in spring, for entry later the same year.

For the very latest information about important dates, [please check the National School of Healthcare Science website](#) [3]

For 2019 entry, the recruitment window is due to open at 13:00 on Monday 25 March 2019.

Direct entry applicants must submit their completed application by no later than 17:00 on Tuesday 23 April 2019.

In service applicants must submit their application by 17:00 on Wednesday 15 May 2019.

No late applications will be accepted.

[Find out more about HSST and apply through the National School of Healthcare Science website](#) [3]

- Clinical bioinformatics

Expand / collapse

Depending on workforce needs for any given intake, it is possible to find posts in:

- [clinical bioinformatics \(genomics\)](#) [4]
 - [clinical bioinformatics \(health informatics\)](#) [5]
 - [clinical bioinformatics \(physical sciences\)](#) [6]
- Life sciences

Expand / collapse

Depending on workforce needs for any given intake, it is possible to find posts in:

- [clinical biochemistry](#) [7]
- [clinical immunology](#) [8]
- [genomics](#) [9]
- [haematology](#) [10]
- [histocompatibility and immunogenetics](#) [11]
- [microbiology](#) [12]
- molecular pathology of acquired disease
- [reproductive science and andrology](#) [13]
- [virology](#) [14]
- Physical sciences/biomedical engineering

Expand / collapse

Depending on workforce needs for any given intake, it is possible to find posts in:

- [clinical biomedical engineering](#) [15]
- [medical physics \(including diagnostic imaging sciences and radiotherapy physics\)](#) [16]
- Physiological sciences

Expand / collapse

Depending on workforce needs for any given intake, it is possible to find posts in:

- [audiological science](#) [17]
- [cardiac science](#) [18]
- [neurophysiological science](#) [19]
- [respiratory and sleep physiological sciences](#) [20]

Source URL: <https://www.healthcareers.nhs.uk/career-planning/developing-your-health-career/nhs-higher-specialist-scientist-training>

Links

[1] <https://www.healthcareers.nhs.uk/explore-roles>

[2] <https://www.healthcareers.nhs.uk/glossary#HSST>

[3] <http://www.nshcs.hee.nhs.uk/join-the-programme/nhs-higher-specialist-scientific-training>

[4] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/clinical-bioinformatics/clinical-bioinformatics-genomics>

[5] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/clinical-bioinformatics/clinical-bioinformatics-health-informatics>

[6] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/clinical-bioinformatics/clinical-bioinformatics-physical-sciences>

[7] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/clinical-biochemistry>

[8] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/clinical-immunology>

[9] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/genomics>

[10] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/haematology-healthcare-scientist>

[11] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/histocompatibility-and-immunogenetics>

- [12] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/microbiology>
- [13] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/reproductive-science-and-andrology>
- [14] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/virology-healthcare-scientist>
- [15] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/physical-sciences-and-biomedical-engineering>
- [16] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/physical-sciences-and-biomedical-engineering/clinical-measurement>
- [17] <https://www.healthcareers.nhs.uk/explore-roles/physiological-sciences/audiology>
- [18] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/physiological-sciences/cardiac-sciences>
- [19] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/physiological-sciences/neurophysiology>
- [20] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/physiological-sciences/respiratory-physiology-and-sleep-sciences>