

# Training, development and registration (microbiology)

Your training will depend on the level at which you're working.

## Training

- as a graduate entering the NHS Scientist Training Programme (STP) [1] you will be employed in a fixed-term, salaried training post and will study towards a Master's degree in clinical science (infection sciences).
- if you're entering Higher Specialist Scientist Training (HSST) [2], you will study towards doctoral level qualifications.
- as a biomedical scientist [3] - there are different training routes [4] into this area of healthcare science.

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

Find out more about the entry requirements, skills and interests required to enter a career in microbiology [5].

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**CPD and  
registration**

### Continuing professional development

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.

Find out more general information about professional development [6]

**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 [7].

## **Registration**

To work as a clinical scientist or a biomedical scientist, you must be registered with the Health and Care Professions Council [8].

As a clinical scientist, you must also hold an Academy for Healthcare Science (AHCS) Certificate of Attainment granted upon completion of the MSC Scientist Training Programme or AHCS Certificate of Equivalence.

Find out more about the Academy's Certificates on its website [9].

Please check individual job vacancy details for information when applying.

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

## **Links**

- [1] <https://www.healthcareers.nhs.uk/i-am/considering-or-university/studying-healthcare-science>
- [2] <https://www.healthcareers.nhs.uk/i-am/working-health/nhs-higher-specialist-scientific-training>
- [3] <https://www.healthcareers.nhs.uk/explore-roles/life-sciences/biomedical-science>
- [4] <https://www.healthcareers.nhs.uk/explore-roles/life-sciences/biomedical-science/training-development-and-registration>
- [5] <https://www.healthcareers.nhs.uk/explore-roles/life-sciences/microbiology/entry-requirements-skills-and-interests>
- [6] <https://www.healthcareers.nhs.uk/i-am/working-health/professional-development>
- [7] <http://www.nshcs.hee.nhs.uk/join-a-programme-asp/accredited-scientific-practice>
- [8] <http://www.hcpc-uk.org>
- [9] <http://www.ahcs.ac.uk/>