

Compare roles in health

Not sure where to start with the hundreds of NHS careers? Use our compare roles section to get bite-size information on the entry requirements and training, pay and conditions, prospects and skills needed of up to three roles. If there is something that you think you could do, then get more in-depth information on the role.

Don't forget, you can also save your role comparisons by registering with us.

• **Clinical bioinformatics (health informatics)** ^[1]

Bioinformatics ([health informatics](#) ^[2]) combines computing science with information science, biology and medicine.

Training and qualifications required

For the NHS Scientist Training Programme (STP) you'll need a 1st or 2.1 either in an undergraduate honours degree or an integrated master's degree in a pure or applied science subject relevant to the specialism for which you are applying. If you have a relevant 2.2 honours degree, you will also be considered if you have a higher degree in a subject relevant to the specialism for which you are applying. Evidence of research experience is considered desirable. Your degree should have strong links with software engineering, informatics, computer science, physics, engineering, mathematics or a related science degree with a software development component.

Expected working hours and salary range

NHS staff will usually work a standard 37.5 hours per week. They may work a shift pattern. Most jobs in the NHS are covered by the Agenda for Change (AfC) pay scales. Trainee clinical scientists train at band 6 level, and qualified clinical scientists are generally appointed at band 7. With experience and further qualifications, you could apply for posts up to band 9. Terms and conditions of service can vary for employers outside the NHS.

Desirable skills and values

Effective communication and team working skills, an interest in science and technology, comfortable using modern technology and complex equipment, meticulous attention to detail, good interpersonal skills.

Prospects

With further training and/or experience, you may be able to develop your career further and apply for vacancies in areas such as further specialisation, management, research, or teaching.

Related roles

- [Clinical informatics](#) ^[3]
- [Knowledge and library services](#) ^[4]
- [Experienced paramedic](#) ^[5]
- [Emergency care assistant](#) ^[6]

- **[Environmental health professional](#)** ^[7]

Environmental health professionals are at the forefront of public health, as every aspect of environmental health is designed to improve the public's health and wellbeing.

Training and qualifications required

You can apply to become a local enforcement officer with GCSEs or equivalent qualifications and experience of working in environmental health. For more senior roles you'll need to undertake professional training, such as a Chartered Institute of Environmental Health (CIEH) or Royal Environmental Health Institute of Scotland (REHIS) qualification in Food Premises Inspection, Food Control, Food Safety, or Food and Health. To become an environmental health practitioner or officer, you will need a degree or higher degree level that is accredited by the CIEH or the REHIS before passing professional exams. A BSc Environmental Health Practitioner degree apprenticeship has been approved for delivery. To get onto a degree apprenticeship, you will need to apply for an apprentice position with an employer.

Expected working hours and salary range

Working hours are likely to vary depending on the nature of the role and may involve some evening and weekend working (for example in responding to an environmental incident). An environmental health officer may earn up to £32,000; a senior environmental health officer up to £35,000. A team leader might earn up to £41,000.

Desirable skills and values

You'll need to be tactful and diplomatic, have an awareness of and commitment to customer care principles, and be effective at analysing problems, evaluating and recommending options. More senior roles will require knowledge and demonstrable experience across a number of environmental health disciplines.

Prospects

You might choose to specialise and take postgraduate qualifications, or move into a management role. Opportunities to become a chief executive also exist. Roles in the private sector may be available for senior staff.

Related roles

- [Public health practitioner](#) ^[8]
- [Microbiology \(healthcare scientist\)](#) ^[9]
- [Healthcare science assistants and associates](#) ^[10]
- [Decontamination services management](#) ^[11]

Links

[1] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/clinical-bioinformatics/clinical-bioinformatics-health-informatics> [2] <https://www.healthcareers.nhs.uk/glossary#Informatics> [3] <https://www.healthcareers.nhs.uk/explore-roles/explore-roles/health-informatics/health-informatics/roles-health-informatics/roles-health-informatics/clinical-informatics> [4] <https://www.healthcareers.nhs.uk/explore-roles/health-informatics/roles-health-informatics/knowledge-and-library-services> [5] <https://www.healthcareers.nhs.uk/explore-roles/ambulance-service-team/roles-ambulance-service/experienced-paramedic> [6] <https://www.healthcareers.nhs.uk/explore-roles/ambulance-service-team/roles-ambulance-service/emergency-care-assistant> [7] <https://www.healthcareers.nhs.uk/explore-roles/public-health/roles-public-health/environmental-health-professional> [8] <https://www.healthcareers.nhs.uk/explore-roles/public-health/roles-public-health/public-health-practitioner> [9] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/microbiology> [10] <https://www.healthcareers.nhs.uk/explore-roles/wider-healthcare-team/roles-wider-healthcare-team/clinical-support-staff/healthcare-science-assistant-and-associate> [11] <https://www.healthcareers.nhs.uk/explore-roles/management/roles-management/operational-management/decontamination-services-management>