

Compare roles in health

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- **Clinical bioinformatics (physical sciences) [1]**

Clinical bioinformatics combines computer science, statistics, mathematics, and engineering to study and process biological data.

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.

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

To work in bioinformatics (physical sciences) you'll need: effective communication skills, confidence with computer technology, systems and processes and be able to work as part of a team

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 bioinformatics health informatics [2]

- Cellular sciences [3]
- Cytopathology [4]
- Infection sciences [5]

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