



## Careers in STEM: Science

### Biomedical Scientist

Biomedical scientists work behind the scenes to carry out a range of laboratory and scientific tests on patient samples to help doctors and healthcare professionals to diagnose and treat diseases. Biomedical scientists may specialise in a number of areas, including infections, blood sciences, cellular sciences and genetics.

Biomedical scientists are integral to the healthcare sector and typically work within the NHS or private healthcare alongside doctors and surgeons, but do not often work directly with patients. Biomedical scientists may also work in the research and development of new diagnostic techniques and treatments.

Useful skills for biomedical scientists are:

- Problem solving and analytical skills
- The ability to work under pressure to strict medical standards
- Good communication skills
- Ability to work independently and in a team

Biomedical scientists will have a good background in GCSE English, Maths and Science, A Levels including Chemistry and Biology and an undergraduate degree course in biomedical science accredited by the Institute of Biomedical Science (IBMS). It is also important to gain relevant work experience alongside study, which is often an option in many degree level courses.

Visit the following websites for more information about futures in biomedical science:

<https://nationalcareers.service.gov.uk/job-profiles/biomedical-scientist>

[www.prospects.ac.uk/job-profiles/biomedical-scientist](http://www.prospects.ac.uk/job-profiles/biomedical-scientist)

<https://careers.ibms.org/home/>