

Level 5 Technician Scientist Standard

A Technician Scientist carries out established laboratory based investigations and basic scientific experimentation using bench and instrumentation techniques. They work in wide range of organisations, including chemical, pharmaceutical, biotechnology, formulated products or analytical services.

Apprentices must be in employment for the duration of the Apprenticeship. The apprentice must have access to work which provides them with the opportunities to develop, practice and evidence knowledge and skills to meet the Standard.

A technician scientist will learn:

To perform laboratory-based investigations using a range of scientific techniques and methods.

To apply basic principles and procedures of project management to their own investigations.

Regulatory requirements of the industry and lab.

To analyse relevant scientific information, interpret and evaluate data.

To communicate scientific information effectively.

To find solutions to routine and non-routine problems using a range of problem solving techniques.

Apprentices will complete a Level 5 science qualification which is recognised for professional registration as Registered Scientist (RSci)

Example qualifications are:

BTEC Level 5 HND in Applied Science (Chemistry or Biology pathway)



Entry requirements

Demonstrating a passion for Science is key. Typically, 5 GCSE's at grade C/4 or above including English, Maths and a science subject and hold a relevant level qualification e.g. A-levels or BTEC L3





Off-the-Job Training

All apprentices must have 20% off-the-job training which must be evidenced and recorded. There are a number of ways the requirements for OJT can be met:

- ▶ Day release for knowledge qualification
- ▶ Recording CPD activities
- ▶ Research and study period during working hours

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YEARS

Duration of Apprenticeship

Typically it will take 33 months to complete with an additional 3 months for end point assessment preparation.

CSR's Safeguarding team will monitor the welfare and safety of our learners throughout their programme. We also offer careers advice and guidance when they come to the end of their apprenticeship.

Gateway

The apprentice will be put in a Gateway before going through End Point Assessment (EPA). The Gateway consists of:

- ▶ Achievement of a knowledge qualification. e.g. BTEC Level 5 HND in Applied Science.
- ▶ Completion of Vocational Competence Evaluation Log.
- ▶ Employer and CSR agree the Apprentice is ready for End Point Assessment which CSR will help to organise.

Opportunity to Progress

Organisations that have successful Apprentices at Level 5 could use their levy funds to progress their employee onto a Level 6 (Degree) Laboratory Scientist.

Professional Bodies

The Royal Society of Chemistry, the Royal Society of Biology, the Institute of Physics and the Science Council are part of the Trailblazer development Group. The Level 5 Technician Scientist Standard is recognised by the relevant professional bodies at Registered Science Technician (RSci) level.

Funding

If you have an employer who pays the apprentice levy, you can fund your laboratory technician apprentices through your DAS account. A funding band maximum of £20k has been set for this standard and Levy paying employers have access to this funding to support the delivery of the apprenticeship.

Celebrating Success

We love to celebrate the success of our learners and organise annual graduation ceremonies for those that have successfully completed their programmes. We also help the employer nominate those that go above and beyond for The National Apprenticeship Awards and BTEC Apprentice of the Year.

“The L5 apprenticeship in analytical science has widened my knowledge in many chemical processes and has seen me grow and gain 2 promotions within the time that I’ve been completing my studies.”

Lauren Williams, Principal Laboratory Technician, Recipharm



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We're **Good** with
Outstanding features

