



## Level 6

# Laboratory Scientist Standard (accelerated route)

### Educate, Inspire, Achieve, Evolve

We have been delivering quality apprenticeship programmes for the last 10 years and our vision is to bring education and industry together for a brighter, safer world and to inspire the next generation of scientists. We map our technical inputs to industry requirements and provide the highest quality of education possible to all our learners, supporting and enabling all of them to achieve their maximum potential. We are proud of our success rates which are above national average.

We employ experts in their field to deliver our scientific training, all of our vocational skills coaches and lecturers have industrial experience and excellent teaching credentials. We also have in-house experience of helping our customers to set up and run exemplar, award winning apprenticeship programmes.

### Who we are

We are the country's leading dedicated scientific training provider and are proud to work with some of the most innovative scientific organisations in the UK. CSR Group has been delivering quality laboratory based scientific Apprenticeships since it was founded in 2006. We are listed on the RoATP (Register of Apprenticeship Training Providers), regulated by the Institute for Apprenticeships and Technical Education and monitored by Ofsted.

### Some of our customers include:

- ▶ The National Physical Laboratory
- ▶ The University of Oxford
- ▶ The University of Cambridge
- ▶ The NHS
- ▶ LGC
- ▶ Covance
- ▶ Abcam
- ▶ The Binding Site

**'CSR provides high-quality teaching tailored to students' needs. I have always felt hugely supported with understanding content, with a personal learning experience which complements my experience in the workplace.'**

**Megan Garrod, Laboratory Scientist Apprentice at LGC**

## Level 6 Laboratory Scientist Standard (accelerated route)


A laboratory scientist applies specialist knowledge and broad scientific understanding to carry out a range of technical and scientific activities in their specialist discipline: Chemical Science, Life Sciences, Research & Development, and Analytical. They analyse, interpret and evaluate relevant scientific information, concepts and ideas and use these to develop subsequent experiments or investigations and to propose solutions to problems. They work in a wide range of organisations, including chemical, pharmaceutical, biotechnology, formulated products, consumer products, nuclear and 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 laboratory scientist will learn:

- To independently design and implement new processes according to the literature, data mining results and input from colleagues.
- To initiate, plan, execute and close a project and incorporate the organisation's project management procedures into the scientific work environment working with team members.
- To work autonomously to analyse, interpret and evaluate scientific data using relevant statistical techniques and present the results of laboratory work and problem solving clearly and concisely in written and oral form.
- To comply with both internal and external regulations pertinent to the science sector

Through attending workshops on topics such as understanding the fundamentals of research and scientific writing, apprentices will complete a workplace synoptic project, producing a 3000 words primary journal article which forms part of the End Point Assessment.



**Entry requirements:  
Apprentices must hold a degree in  
a Scientific subject.**

**“The University of Oxford highly recommends CSR Scientific Training as a provider of quality Scientific and Laboratory apprenticeships.”**

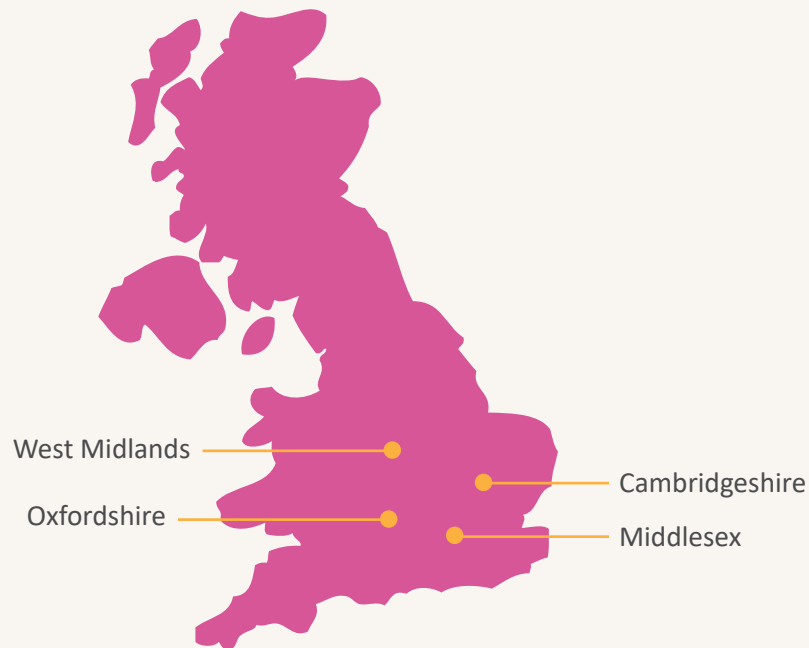
**Helen Johnson - Apprenticeship  
Manager, The University of Oxford**

## Delivery of the Apprenticeship

We work with the employer to develop a training plan that best suits your organisation. We offer blended teaching and assessment in the work place with dedicated professional support to help the apprentice build their competence, confidence and skills.

### A number of delivery options are available:

- ▶ Supported distance learning online with regular onsite visits by our vocational skills coaches
- ▶ We can deliver training on your site (cohort size dependent)
- ▶ Face-to-face delivery at one of our regional training centres in:



### Support for the Employer

If you are using your levy funds to train a new laboratory scientist, we can help with your recruitment process. We can advertise, sift, shortlist and interview if you require that support.

We deliver “Apprentice Ready” training to all line managers & HR and anyone else involved to help guarantee we are all working together to ensure the learner is receiving the best apprenticeship experience.

### Support for the Apprentice

Apprentices will be supported by a Vocational Skills Coach and dedicated Safeguarding lead.

Our programme support arrangements ensure that short, medium and long term objectives are monitored through a review process involving the Learner, Vocational Skills Coach and Employer.

We encourage the apprentices to become STEM Ambassadors and invite them to attend Outreach events to attract the next generation to take on scientific apprenticeships. We also offer enrichment days are offered at various science venues across the UK.





### Off-the-Job Training

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:

- ▶ Workplace synoptic project related activities
- ▶ Recording CPD activities
- ▶ Research and study period during working hours

**18**  
MONTHS

### Duration of Apprenticeship

Typically it will take 15 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:

- Workplace synoptic project plan
- 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

Upon completion of the level 6 Laboratory Scientist Standard, organisations can use their levy funds to progress their employee onto a Level 7 Research Scientist Apprenticeship Standard.

## 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 6 Laboratory Scientist is recognised by the relevant professional bodies at Registered Science Technician (RSci) level.

## Funding

If you are an employer who pays the apprentice levy, you can fund your laboratory scientist apprentices through your DAS account. This programme costs £15,500 over 18 months 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 other nationally recognised awards.

**“The Laboratory Scientist 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

