

ST0247 | Laboratory Scientist Level 5

SIAS

General Overview

- ✓ Level: 5
- ✓ Duration: 60 months
- ✓ Funding band: £27,000
- ✓ Entry requirements: 3 GCSE's at Grade C or higher including Maths, English & Science plus A-levels or existing L3 qualifications



The Level 5 Laboratory Scientist standard is now retired for any registrations after 17/04/2019. For those apprentices who are registered on the Level 5 Laboratory Scientist standard, these apprentices carry out technical and scientific activity within the laboratory setting.

Analysing, interpreting and evaluating scientific information, Laboratory Scientists develop and implement experiments or investigations, to solve problems or improve products or processes.

Level 5 Laboratory Scientists will work across the chemical, pharmaceutical, biotechnology sectors and their typical job roles include:

- > Analytical Chemist
- > Research & Development Scientist
- > Molecular Biologist
- > Microbiologist

The standard is made up of core knowledge, skills and behaviours as well as specialist knowledge and skill requirements associated with one of: Analytical Science, Chemical Science or Life Science.

Typically, the training period will last around 60 months, where the learning is focused on ensuring the apprentice acquires the knowledge, skills and behaviours as well as achieving a qualification at level 5 or higher. Completion of this standard warrants application to the Science Council for RSci (Registered Scientist) status.

Knowing that your apprentice is on track is important and that is why SIAS offers its highly regarded Tracker document and Competence Evaluation Log that gives both the apprentice and employer confidence as the learning progresses.

Guidance materials and individual support for training providers, apprentices and employers are provided throughout the on-programme learning. We also deliver a number of events and webinars to advise and guide across the range of apprenticeships we assess.

The EPA consists of 4 assessment methods:

1

Review of behaviours
evaluation log

2

Workplace Synoptic
Project Presentation
& Discussion

- Presentation based on a summary report prepared by the apprentice. This includes a series of questions that cover key areas of the standard.

3

Vocational
competence
discussion

- Structured discussion around the key elements of the apprenticeship.

4

Scenario
case study

- A written exam aimed at testing the apprentice's transferable knowledge



Assessment Marking & Grading

The SIAS End Point Assessor, will combine the results of each individual assessment method and provide an overall assessment grade of Fail, Pass, Merit or Distinction.



Apprenticeship Certification

Your apprentice will receive a Certificate of Apprenticeship on successful completion of all individual assessment methods.



Guidance & Support

SIAS provide a range of resources which offer EPA guidance and support for the apprentice, the employer, and the college/training provider.

We aim help employers and colleges/training providers to support the on-going competence evaluation of the apprentices' knowledge, skills, and behaviour to ensure that your apprentice is confident for their EPA. All of our resources are comprehensively mapped to this apprenticeship standard.

We believe passionately that end-point assessment doesn't begin at gateway, it starts when apprentices start on programme. We pride ourselves on working in partnership to deliver end-to-end solutions right across the learner journey from registration through to gateway, assessment and certification.