

## Laboratory Scientist Degree Apprenticeship

A fully competent Laboratory Scientist will be able to work in a wide range of organisations, including but not exclusively, chemical, pharmaceutical, biotechnology, formulated products, nuclear and analytical services. A scientist can carry out a range of technical and scientific activities which may include laboratory based investigations and scientific experimentation in their specialist field.

Apprentices will learn to analyse, interpret and evaluate scientific data. They will also learn to support appraisal of scientific experimentation with numerical and statistical analysis and identify and use the scientific approaches appropriate to solve problems, support new investigations and follow-up experiments in the laboratory.

Key will be to be proactive in finding solutions to problems, be able to identify areas of business improvement and propose innovative scientific ideas. In all contexts, working safely and ethically is paramount and many companies operate under highly regulated conditions because of the need to control the quality and safety, for example medicines.

This apprenticeship is ideal for those looking to progress into roles such as Analytical Chemist, Research & Development Scientist, Molecular Biologist, Microbiologist, Formulation Scientist, Medicinal Chemist, Process Technologist, and Biotechnologist.

The typical duration for this apprenticeship is 60 months.

Entry Requirements: Whilst any entry requirements will be a matter for individual employers, typically, candidates will have 5 GCSE's at grade C or above, including English, maths and a science subject and hold relevant level 3 qualifications providing the appropriate number of UCAS points for entry to a level 6 Higher Education programme. Other relevant or prior experience may also be considered as an alternative.

Apprentices will complete this apprenticeship whilst studying [Fd Biomedical and Pharmaceutical Sciences](#) and either the [BSc \(Hons\) Biomedical Sciences \(Biotechnical Sciences\) top-up](#) or [BSc \(Hons\) Biomedical Sciences \(Chemical and Pharmaceutical Sciences\) top-up](#).

Click [here](#) to find out more information about the foundation degree, assessment methods, student handbooks and programme specifications, and staff profiles.

Click [here](#) to find out more information about the BSc (Hons) Biomedical Sciences (Biotechnical Sciences) top-up, assessment methods, student handbooks and programme specifications, and staff profiles.

Click [here](#) to find out more information about the BSc (Hons) Biomedical Sciences (Chemical and Pharmaceutical Sciences) top-up., assessment methods, student handbooks and programme specifications, and staff profiles.

In addition to the course assessments, apprentices will complete an end point assessment. It includes the following components:

1. Workplace synoptic project primary journal article & presentation with questioning
2. Vocational competence discussion (VCD).

The purpose is to ensure that successful laboratory scientist apprentices have demonstrated that they have the knowledge, understanding, skills and behaviours needed to work in this exciting industry.

The apprenticeship is recognised by the relevant professional bodies at Registered Scientist (RSci) level, for which there is a requirement that the scientist will participate in subsequent continuing professional development on completion of the apprenticeship.

For more information about the Laboratory Scientist Degree apprenticeship, please contact 0113 284 6464 / [employers@leedscitycollege.ac.uk](mailto:employers@leedscitycollege.ac.uk).