

Laboratory Technician Level 3

Studying the HNC Applied Biology, as part of the advanced level apprenticeship, will develop an apprentices knowledge and understanding of biological theories and practices. They will study a range of topics and key areas of Biology, which will provide them with understanding of the key concepts required in a Laboratory Technician role or for further study in a range of Bioscience disciplines.

Apprentices will develop the skills needed to be able to apply them in different science related contexts, and will put these into practice in the workplace as part of the apprenticeship. In the workplace, apprentices will acquire a comprehensive knowledge of all aspects of clinical trials and learn practices along the lines of:

- Routine and one-off laboratory testing and how to perform a variety of technical laboratory techniques;
- Work both individually and as part of the laboratory team;
- Work with minimum supervision, taking responsibility for the quality and accuracy of the work that is undertaken;
- Work safely in the laboratory, maintaining excellent housekeeping whilst following appropriate safety, environment and risk management systems;
- Ensure the laboratory is well-stocked and resourced and be able to maintain good accurate written records of work carried out;
- Follow quality procedures to meet the requirements of quality standards relevant to the workplace;
- Develop and apply your theoretical knowledge of relevant science and technology;
- Tissue recognition, cutting, staining and microscopy; and its associated data management;
- Preparation and recording a wide variety of formulations for Toxicology studies.

The apprentice will be assessed at several stages during their apprenticeship. As well as the assessment/examination that is required for the HNC Applied Biology, there will be on-going competence evaluation during an apprentice's training programme that will be marked by two gateways, commonly taking place at the end of the first third and at the end of their training programme.

The formal end assessment will include:

1. Review of behaviours evaluation log
2. A synoptic assessment test (SAT)
3. A vocational competence discussion
4. Scenario case study

For more information about the Laboratory Technician advanced apprenticeship, please contact engage@ucl Leeds.ac.uk or call 0113 235 4510.