

Applied Science BTEC level 3

Overview

The qualification is equivalent in size to one A level . The content of this qualification has been developed to support progression to higher education and it is appropriate and consistent with current practice for learners planning to enter employment directly in the applied science sector. There are three mandatory units:

- Principles and Applications of Science I
- Practical Scientific Procedures and Techniques
- Science Investigation Skills.

There is also an optional unit that will cover an aspect of Biology, Chemistry or Physics. In Principles and Applications of Science I learners will study periodicity and properties of elements, structure and functions of cells and tissues and waves in communication. Practical and Scientific Procedures involves learners being introduced to quantitative laboratory techniques, calibration, chromatography, calorimetry and laboratory safety, which are relevant to the chemical and life science industries. Learners will also cover the stages involved and the skills needed in planning a scientific investigation: how to record, interpret, draw scientific conclusions and evaluate.

Will this course suit me?

- If you want to continue education through applied learning post-16.
- If you want to progress to higher education to study applied science.
- If you want to progress to employment in the applied science sector.
- If you are interested in practical science and investigation skills.
- If you are a critical thinker and enjoy problem-solving.
- If you enjoy working collaboratively and have good communication skills.
- If you are an organised person.

Opportunities

The requirements of this qualification will mean that learners develop the transferable and higher order skills which are valued by higher education providers and employers.

The qualification carries UCAS points and is recognised by higher education providers as meeting admission requirements for many courses if taken alongside other qualifications as part of a two-year programme of learning, including, but not exclusively, those which are science-related.

Applied science careers include:

- Health care: emergency medical technicians, medical laboratory technicians, radiological technologist
- Clerical: medical billing and coding
- Technical: analysts, network managers, diesel mechanics, automobile repair technicians
- Pharmacy technology
- Veterinary technology

Provision of all courses will depend on demand. Course list correct at time of upload (Oct 2017)