

SCIENCE

APPLIED GENERAL QUALIFICATION (BTEC LEVEL 3)

Subject Overview

BTEC qualifications are designed to provide highly specialist work-related qualifications in a range of vocational sectors

What will I learn?

You will complete assignments based on scientific job-related scenarios, for example working as a scientific researcher or producing material for public information in the science industry.

In the first year of study you will need to complete all 7 units and then go on to complete 6 optional units in your second year, successful completion of which will result in achievement of the BTEC Level 3 Subsidiary Diploma in Applied Science which is equivalent to two A'levels.

Units studied are as follows:

Mandatory Units

- Fundamentals of science (10 credits)
- Scientific investigation (10 credits)
- Perceptions in science (10 credits)
- Mathematical calculations in science (5 credits)
- Working in the science industry (10 credits)
- Scientific practical techniques (10 credits)
- Using mathematical tools for science (5 credits)

Optional Units (subject to change)

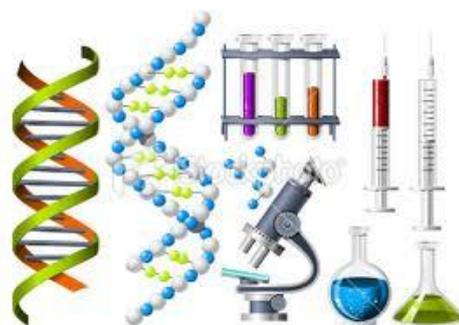
- Physiology of human body systems (10 credits)
- Forensic evidence collection and data (10 credits)
- Genetics and genetic engineering (10 credits)
- Biochemistry biochemical techniques (10 credits)
- Criminology (10 credits)
- Chemical periodicity and its applications (10 credits)

How will I be assessed?

Assessment is through assignments to form a portfolio of work. At present there is no external examination for this course.

Future opportunities?

BTEC Applied Science gives students a good grounding to go straight on in to laboratory based employment such as Lab Technicians, or to advance into further study, and is particularly suitable for progression onto vocational, science based degree programmes such as Nursing or Applied Science. Equally the BTEC subsidiary Diploma is suitable for progression onto a range of higher programmes when combined with other A'levels or equivalent. The majority of universities accept this qualification in their entry requirements into a wide range of science courses.



Entry Requirements: Students who have studied BTEC level 2 Applied Science will need a Distinction