



## Applied A Level Science (Double)

### Two year course

The double award in Applied Science will suit students who prefer coursework and want to carry out more practical work. This course is equivalent to two A Levels. Students can combine this course with an additional subject of their choice. The BTEC National Award in Forensic Science is particularly suitable although other subject combinations may be possible in exceptional circumstances.

### Requirements:

The College minimum to start an advanced level course is one grade B and four grade Cs at GCSE. Students wishing to undertake this course require grades CC in GCSE Double Science and grade C in Mathematics.

### This subject will focus on:

- investigating how science is applied at work;
- basic Biology, Chemistry and Physics skills and principles;
- two examined units in monitoring the activity of the human body and cells and molecules (mainly Biology units); and
- four portfolio units including science at work, analysis at work, chemicals for a purpose and forensic science.

### You can expect to:

- develop skills of research and investigation;
- complete a long term investigation of practical work on one problem for a client;
- develop a higher level of practical skills in science; and
- understand how science is applied in specific areas of vocational interest.

### Method of assessment:

One third of the units are assessed by examination. Two thirds are assessed by coursework as the student produces a portfolio.

### Progression:

At least 70% of students progress from this course to university. A large percentage of students, who combine this course with the BTEC National Award in Forensic Science, have gone on to study Forensic Science at university. In the most recent years, our students have gone on to study Radiography, Biomedical Sciences, Optometry, Occupational Therapy, Veterinary Nursing and Teaching. The course is also good preparation for employment and our students have been employed in a range of science based organisations including a veterinary practice.

The qualification is ideal for those who wish to work in hospital or pharmaceutical laboratories but for medicine, separate A level sciences are required.

Applied Science (Double) had an 89% pass rate at A level in 2008.

**“Very high success rates on GCE A level science and vocational courses.”**

**Ofsted Inspection Report, 2009**