

# Applied Science Level 3

## What will happen in my first week?

Don't worry if you don't know anyone in your class – you're unlikely to be alone! Activities planned during induction week will allow you to make friends, find your way around College and understand the structure of the course. You will meet your course tutors and be introduced to other College staff who will support you throughout your time in College.

## What can I look forward to in my first year?

You will carry out an independent science research project using data collected on field trips. Visits e.g. to Chester Zoo and local University laboratories and will allow you to see science in the real world. Guest speakers will support learning in cutting areas of science.

## What will my timetable look like?

You will be in College for up to four days a week. You will spend time developing skills necessary to become a good scientific thinker as well as studying in detail topics of the different scientific disciplines, with emphasis on biology and chemistry. Much of your time will be spent learning through carrying out laboratory practical activities and investigating how science is carried out in industry and other areas relevant to the applied nature of science. You will have time and support to develop your skills as an excellent independent learner.

You will continue to develop skills in English and Maths, either through GCSE resits if necessary, or through developing skills during assignment work. A weekly career development session with your Personal Tutor. This time includes considerable 1:1 time that is focussed on helping you to develop skills that will support and guide you towards achieving your aim, whether that is applying to university or preparing to enter the workplace.

## Which modules will I study in my first year?

Principles and Applications of Science 1 will enable you to build on your GCSE science knowledge to give you a solid basis in key concepts in biology, chemistry and physics. U3 Science Investigation Skills will allow you to develop your practical laboratory skills in all three sciences. Both of these units are externally assessed (exams) in January. In terms 2 and 3 you will complete a range of internally assessed units. In chemistry you will investigate a range of laboratory techniques and their application. In biology you will study genetics and physiology.

## Are there any books I need to buy or useful websites I should look at?

The College library holds an excellent selection of A-level science text books that will give sufficient depth of information to complete assignment work. You will also use a range of relevant websites. There is a course textbook (ISBN 9781846906800) that covers some of the units of the course. Some students find it useful to have their own copy but there is no requirement to purchase it and copies are available in the College library.

## Do I need to buy any equipment or kit?

There will be a cost of £30 to cover day visits and resources. You will have the opportunity to attend a residential trip during your course and full details, including cost, will be given at the start of the course. You will need to purchase a lab coat. This will cost approx. £20 and order details will be given at enrolment. You are expected to have paper, pen, pencils, calculator and a bag to carry your College equipment. You will need access to a computer and internet to complete assignment work, but you can use College facilities if you do not have a home computer.

