

Science

Are you looking for an exciting career in a science-based industry?

Do you want to become a science technician in industry or education? Or are you looking towards the medical professions as a doctor or medical researcher? If so, Highbury has the course to get you started.

Working in state-of-the-art laboratory facilities, you will learn about scientific principles, biological systems, forensic science applications, genetics, microbiology, physiology and medical physics techniques.

To support your studies you will undertake a work experience placement to gain real hands-on experience by spending time in the industry.



Add an A Level to your study

Create your own mix of vocational qualifications and A Levels to boost your career options and/or prepare for university. You could combine the Edexcel Level 3 Diploma in Applied Science with the following A Levels (see page 15 for more information).

- Physics
- Chemistry
- Biology
- Mathematics

Level
1

Applied Science

Edexcel BTEC Award and Certificate in Applied Science

1 year

➔ Is it for me?

If you want a career in applied science, this is a great place to start training.

➔ What will I study?

You will gain a working knowledge of science-based industries and undertake a work experience placement.

➔ Entry requirements

You will need 4 GCSE grades A*-E, including English, Maths and Science, or a full entry level qualification with literacy and numeracy at an appropriate level.

➔ Leads on to...

You could progress to the Edexcel BTEC Level 2 Extended Certificate and Diploma in Applied Science.

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Career options:

- quality control laboratories
- public health laboratories
- analytical laboratories
- science technician in industry or education
- medicine related occupations

Level
2

Applied Science

Edexcel BTEC Extended Certificate and Diploma in Applied Science

1 year

➔ Is it for me?

If you want to increase your knowledge of applied science, this is the course for you.

➔ What will I study?

You will study a range of units including elements of chemistry, physics and biology and their application to the way we live. You will also complete practical projects and study the use of science in medicine and the world of work.

➔ Entry requirements

You will need 4 GCSE grades A*-D, including English, Maths and Science. Alternatively you may have a full Level 1 qualification at merit grade with literacy and numeracy at an appropriate level, or a full Level 1 NVQ with literacy and numeracy at an appropriate level.

➔ Leads on to...

You could progress to the Level 3 Edexcel BTEC Subsidiary Diploma, Diploma and Extended Diploma in Applied Science.

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Related websites:

<http://sciencecareers.sciencemag.org>

Level
3

Applied Science

Edexcel BTEC Subsidiary Diploma/Diploma/Extended Diploma

1 year/2 years

➔ Is it for me?

If you want a career in laboratories or to go on to university, this interesting course will help you succeed.

➔ What will I study?

There is a wide choice of units which will help you pursue your career choice. These include science fundamentals, practical techniques, microbiology, chemistry, physiology, genetics and physics.

➔ Extra info

You will spend time in the industry to support your studies.

➔ Entry requirements

You will need 4 GCSE grades A*-C including English, Maths and Science. Alternatively you may have a full Level 2 qualification at merit grade with literacy and numeracy at an appropriate level or a full Level 2 NVQ with literacy and numeracy at an appropriate level.

➔ Leads on to...

You could progress to a Foundation Degree, Degree at university or find employment.

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