



# BTEC Level 3 Extended Diploma in Applied Science (Biomedical Science) Year 1 of 2 (Full-Time)

This course gives a general overview of all the three sciences (biology, chemistry and physics), as well as detailed in depth practical applications. It is an alternative course to the A-level sciences and leads to a wide range of science careers. Applied scientists develop new treatments and therapies for human illnesses, diseases and disabilities. As well as developing new pharmaceuticals and medications. Applied scientists can also be found at crime scenes, chemical industries and research laboratories: Operating theatres, accident and emergency (A&E) and many other hospital departments would not function without scientists.

## Entry Requirements

The course is suitable for students who have a keen interest in science and who have a minimum of five GCSEs grade A-C, including Double Science, Maths and English at grade C or above.

## Career Prospects

Possible careers include biochemist, radiologist, radiographer, audiologist, chemist, biologist, paramedic, chiropractor, healthcare, chemical engineer, forensic science.

## Course Modules

This course consists of 60% coursework and 40% is exam based and some of the units are biomedical science, principles and applications of science, genetics, diseases and infection, science investigation skills, laboratory techniques, physiology of human body systems, contemporary issues in science and organic chemistry. There are seven core units and six optional.

## Assessment

You will be required to undertake a programme of assignments throughout the course, which will include assessment of practical skills and the ability to work safely. It is essential that you are well organised and meet deadlines. This accounts for 60% of the course. The remaining 40% of the course is externally examined in the

Coleg Afan  
Coleg Bannau Brycheiniog  
Academi Chwaraeon Llandarcy  
Canolfan Ragoriaeth Adeiladwaith Maesteg  
Coleg Castell-nedd  
Coleg Y Drenewydd  
Coleg Pontardawe  
Canolfan Adeiladwaith Abertawe

Afan College  
Brecon Beacons College  
Llandarcy Academy of Sport  
Maesteg Construction Centre of Excellence  
Neath College  
Newtown College  
Pontardawe College  
Swansea Construction Centre



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🌐 [www.nptcgroup.ac.uk](http://www.nptcgroup.ac.uk)





form of written exams and controlled assessments.

## Additional Costs

There will be additional course-related costs. Lab coats and goggles will be required, due to the very large practical elements of this course.

## STUDY MODE

FT

## LOCATION

Neath College - 0330 818 8100

## COURSE LENGTH

1Y

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