

## WJEC AS Level Physics Level 3



### In a nutshell

This course gives a broad yet engaging look into Physics

### This course is for you if...

- ... You're hard working and self-motivated
- ... You're aiming to further your education a university
- ... You have a keen interest in science

### What will I be doing?

The course is divided into 5 units. The first 2 units will be studied in year 1 and will lead to the AS qualification.

Year 1 – AS Level



# COURSE INFORMATION LEAFLET

Unit 1: Motion, energy and matter  
Unit 2: Electricity and light

Year 2 – A Level

Unit 3: Oscillations and nuclei  
Unit 4: Fields and options  
Unit 5: Practical examination

Although many of the topics within each module will have been introduced at GCSE level, they'll be revised thoroughly before being extended to full A Level standard. The physics specification now includes particle physics, lasers and astrophysics.

Upon completion, you'll achieve:

AS Level Physics  
A Level Physics  
Skills activities

[English and Maths](#)

## What is expected of me?

To enter this course, you'll need a minimum of 5 GCSEs at Grade C or above, to include English/Welsh First Language, a Grade B or above in Maths, a Grade B or above in Physics or BB or above in Additional Science

Full commitment to attendance is required, as is respect for others, enthusiasm for the subject and self-motivation. You'll be continually assessed and there's an expectation that you'll continue your studies and coursework during your own time.

## What comes next?

A Level Physics is accepted as an entry qualification to a surprisingly wide range of university degree courses, from accountancy to veterinary science as well as to the more obviously physics-based courses, such as acoustics, astronomy, engineering (civil, electrical, electronic, mechanical, production etc.) and ophthalmic optics.

Apply online at [www.colegwent.ac.uk](http://www.colegwent.ac.uk)

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## COURSE INFORMATION LEAFLET

It also prepares you for employment in a wide variety of fields.

### **Additional information**

You'll need to make financial contributions to the travel cost of educational visits.

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