

PHYSICS

Subject Overview

A'Level Physics is not only for students wishing to study subjects such as Physics, Astronomy, Engineering and Electronics at University. It is welcomed and valued in courses such as Architecture, Computing, Dentistry, Forensic Science, Geology, Medicine, Optometry, Physiotherapy and Veterinary Science – to name just a few. The reason is simple. Knowledge of Physics helps you to understand the increasing complex Science and Technology used in many professions. A'level Physics is an excellent choice to help you on the ladder to a wide range of careers.

As from September 2015 there will be a new structure to the assessment of post-16 Biology for all exam boards. The Physics department have examined the structure and resources available in all major exam boards and a decision has been made to continue with OCR.

AS/A level Physics covers a wide range of topics from Newton's Laws to the expansion of the Universe, from electrical circuits to Medical Imaging.

AS level content is split into four teaching modules:

- Module 1 – Development of practical skills in physics
- Module 2 – Foundations of physics
- Module 3 – Forces and motion
- Module 4 – Electrons, waves and photons

Exam Board



Subject Specific entry requirements:

A minimum of GCSE grade 'B' in Physics or Double Science is required. Due to the high mathematical content of the course a GCSE Grade 'A' in Mathematics is required.

The A2 work in Year 13 is more difficult than AS work in Year 12. For this reason students wishing to continue to A2 Physics in Year 13 will have to obtain at least a grade 'D' at AS level at the end of Year 12.

KEEP
CALM
AND
STUDY
PHYSICS

A poster with a dark red background. At the top is a white circular logo with a stylized globe or atom. Below it, the text 'KEEP CALM AND STUDY PHYSICS' is written in white, bold, sans-serif capital letters, arranged in five lines.