

AS/A LEVEL PHYSICS

What does the course involve?

The course builds upon the skills you have developed in your Science GCSEs. We train you and give you the opportunity to gain valuable experience in designing and carrying out scientific investigations. You will develop high level skills in practical laboratory work, independent research, problem solving and communication. In addition successful students demonstrate the specialist Physics knowledge and examination technique needed for University study.

What course units will I take?

You will take six units over two years designed to develop you as a scientist. You will study: Mechanics, Electrons, Waves and Photons, The Newtonian World, Fields, Particles and the frontiers of Physics.

What qualifications do I need?

To study A level Physics it is important to have achieved good Science GCSE grades. Good grades in GCSE Physics and Maths are a key advantage when stepping up to this level of study. You will need to have good communication and comprehension skills, but most of all you must be keen to learn new things.

What can I do after the course?

With three science A levels or Physics combined with other subjects you can go on to Higher Education to study a wide range of degrees at university. In addition to the range of science degrees this A level develops skills suitable for courses such as Finance, Law, Economics or Business.

Successful A level Physics students and Physics graduates are much in demand in higher education and industry.