

PHYSICS

Qualification Level	A Level
Exam Board/ Specification	A Level Physics
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Why study this course?

Whether you want to work to help cure medical problems, study the weather, explore extreme environments such as space, volcanoes or the deep sea, Physics will give you a grounding in the mechanics, fields, thermodynamics and space science that will set you up for further study in any of these areas.

Course content

Class teaching and practical lessons are complimented by a range of textbooks and other resources. Students are encouraged to increase the depth of their subject knowledge through independent study workshops where they are given directed tasks to complete in peer groups.

In the sciences we value seeing applications of the theory we learn. To this end, activities including trips to Rutherford Appleton Laboratory in Didcot, an international trip to CERN in Geneva and visits from scientists working at local universities and companies are arranged for the coming year.

Higher education/ career links

There are a large number of Physics courses available at universities which stand alone or can be linked with Astronomy, Mathematics, Languages or other options.

Physics A level is also a requirement for some engineering courses and supports Mathematics, Chemistry and Medicine courses.

In terms of future careers, Physics is a highly regarded qualification. Studying the sciences takes discipline and commitment and is best suited to students who have good attention to detail, strong mathematical skills and a passion for learning. Physics is a facilitating subject that provides pathways to engineering, medical science, laboratory research, teaching and lecturing or space science.

Entry requirements

A minimum of a 6/6 in combined, 6 in physics and 6 in maths.

You must take maths A Level to take physics