



What will I learn?	<p>The course has been developed for a study of Physics after GCSE and is designed to help you:</p> <ul style="list-style-type: none">• develop essential knowledge and understanding of different areas of the subject and how they relate to each other• develop and demonstrate a deep appreciation of the skills, knowledge and understanding of scientific methods• develop competence and confidence in a variety of practical, mathematical and problem solving skills• develop your interest in and enthusiasm for the subject, including developing an interest in further study and careers associated with the subject• understand how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society
Highlights	<p>You will attend a particle physics master-class at Warwick University where you work alongside undergraduates using bespoke simulations to allow you to interpret the data collected in current particle accelerator research.</p>
What are the entry requirements?	<p>It is expected that you will have studied either Combined Science or Separate Physics GCSE, gaining at least grade 7 in all Physics components. You will also need to have achieved a minimum of a grade 7 in GCSE Mathematics.</p>
How will I be assessed?	<p>Physics content is split into six teaching modules. Modules 1 to 6, combined with the Practical Endorsement, constitute the full A-level.</p> <ul style="list-style-type: none">• Module 1 – Development of practical skills in physics• Module 2 – Foundations of physics• Module 3 – Forces and motion• Module 4 – Electrons, waves and photons• Module 5 – Newtonian world and astrophysics• Module 6 – Particles and medical physics
What are the costs?	<p>None</p>
Future Opportunities	<p>Physics A-level supports a very wide range of future study and careers. If you want a career in business, the media, science, or a host of other fields, Physics can help. There are over 700 courses available in Physics and applied Physics, often combined with other subjects such as Biomedical Engineering, Marketing or Philosophy. In the last few years students have gone on to follow university courses in; Architecture, Art, Astronomy, Biology, Business Studies, Chemistry, Computer Science, Engineering, History, Law, Mathematics, Medicine, Music, Philosophy, Physics, Radiography, Sound Recording, Sports Science, Veterinary Science and Zoology to name a few!</p> <p>The study of Physics should also be seen as making a contribution towards life-long learning and an understanding of technological advances and their impact on modern day society.</p>