

Physics

Careers

A grounding in Physics can lead to many career possibilities. Students opt for careers in engineering, architecture, the health service and even finance.

Entry Requirements

6 x Level 9 to 4 GCSE passes including a 4 in English Language and a 6 in Maths as well as a 6 in Physics or 6/6 in Combined Science.

Physics forms the basis of other sciences and also engineering. This course is suitable for students who like to understand how things work as well as solving problems. Those who have a solid grounding and aptitude for Mathematics are more likely to enjoy the course. Students will study topics as diverse as sports science as well as the performance of cars. Students will also study waves, electricity and quantum physics.

A Level

Four units in Year 12 – including Particles and Radiation, Electricity, Waves and Optics, Mechanics and Materials.

Four units in Year 13 – including Further Mechanics and Thermal Physics, Fields, Nuclear Physics and Turning Points in Physics

“My goal is simple. It is a complete understanding of the universe, why it is as it is and why it exists at all.”

Stephen Hawking