

A Level

Specification Number: 740

Physics

Entry Requirements

Minimum of 5 Grade 5 (new grading structure) at GCSE or equivalent with English and 6 in Maths. At least a grade 6 in GCSE Physics or Combined Science is the minimum requirement. Mathematics at A level is recommended alongside Physics.

Course Description

Students will study the following:

- Further Mechanics and Thermal Physics
- Fields and their Consequences
- Nuclear Physics

Plus one from the following options:

- Astrophysics
- Medical Physics
- Engineering Physics
- Turning Points in Physics
- Electronics

Assessment

The course will be assessed via three written papers including relevant practical skills:

Paper 1: 2 hours long consisting of 85 marks (60 marks: Short and long answer questions and 25 marks: Multiple choice questions).

Paper 2: 2 hours long consisting of 85 marks(60 marks: Short and long answer questions and 25 marks: Multiple choice questions).

Paper 3: 2 hours long consisting of 80 marks (45 marks: short and long answer questions on practical and data analysis and 35 marks: short and long answer questions on the option unit).

Career Opportunities

Medicine	Environmental Science	Veterinary
Teaching	Research	Physiotherapy
Pharmacology	Hospital Administration	Hospital Administration
Astronomy	Engineering	

Exam Board Website:

[AQA | Science | AS and A-level | Physics](#)

Course Details

For more information please see Mrs S Raju, Head of Science: (01922) 721071 ext. 263.

Email: s.raju@josephleackieacademy.co.uk