

French

Course Overview

Choosing A level French offers you the opportunity to develop your command of a language, bringing you in close contact with the culture and heritage of the French speaking world. Pupils have the opportunity to develop a lasting appreciation of language, and language learning, with an ability to understand it in a wide range of contexts. It will allow pupils to communicate confidently for a variety of purposes, plus give an insight into cultures, both contemporary and historic, and valuable skills for foreign travel, further education and employment.

Entry Requirements

Students should have achieved a grade 6 or above in GCSE French.

A-Level

A listening, reading and writing examination worth 35%, and a speaking exam worth 15%. Areas of study at A level are: the environment, the multicultural society, contemporary social issues and two cultural topics, such as a French director, author or dramatist.



Further Maths

Course Overview

Students who have a particular flair for Mathematics and enjoy solving problems will find Further Mathematics to be an enjoyable and rewarding A level subject. The course is specifically designed for the most able mathematicians, allowing them to advance their knowledge of algebra, calculus and other areas of pure mathematics as well as studying applications of decision mathematics which is not covered in A Level Mathematics.

The course is delivered as a series of 2 hour lectures at Newcastle University and supported by staff in school and undergraduate students at the university where appropriate. Students must be prepared to complete a significant part of the course outside of lectures (with the support detailed above) and so there is a bigger emphasis on independent study than other A level choices.

Entry Requirements

Grade 8 required in GCSE Mathematics, although the course is particularly demanding so a grade 9 is desirable.

A-Level Year 1

Core Pure 1 (worth 50%)

- Proof
- Complex Numbers
- Matrices
- Algebra and Functions
- Calculus
- Vectors

Mathematics (worth 50%)

- Algorithms and Graphs
- Critical Path Analysis
- Linear Programming
- Game Theory
- Recurrence Relations

A-Level Year 2

An extension of the above modules