
ENTRY REQUIREMENTS FOR ALL A LEVEL COURSES:

6 GCSEs grade 9 – 4 (grade A - C) in academic subjects, although some subjects may require grade 9 - 6 (grade A - B). If you have not taken traditional qualifications, or have not studied in the UK, we may be able to offer you a place based on performance in an entry test. To progress to the second year of A-levels, students need a minimum of grade C in AS. A satisfactory reference may be required.

A LEVEL BIOLOGY

Topics covered:

- Biological molecules
- Cells
- Organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms
- Energy transfers in and between organisms
- Organisms respond to changes in their internal and external environments
- Genetics, populations, evolution and ecosystems
- The control of gene expression

A LEVEL BUSINESS STUDIES

Topics covered:

- What is Business?
- Managers, leadership and decision making.
- Decision making to improve marketing performance
- Decision making to improve operational performance
- Decision making to improve financial performance
- Decision making to improve human resource performance
- Analysing the strategic position of a business (A-level only)
- Choosing strategic direction (A-level only)
- Strategic Methods; how to pursue strategies (A-level only)
- Managing strategic change (A-level only)

A LEVEL CHEMISTRY

Topics covered:

- Development of practical skills in Chemistry
- Foundations in Chemistry
- Periodic table and energy
- Core Organic Chemistry
- Physical Chemistry and transition elements
- Organic Chemistry and analysis

A LEVEL ENGLISH LITERATURE

Course outline: This course is suitable for you if you enjoy reading in your own time; if you are interested in analysing novels, plays and poetry at GCSE and find it satisfying then you should consider this option. Learning methods include writing essays, exploring the meaning created in texts such as DVDs, creating displays, individual research, and extra-curricular activities, such as discussing texts in performance. You will work in pairs and in small groups, in addition to taking part in larger group discussions. As well as learning in the classroom, you will be expected to carry out a sizeable amount of reading and writing tasks in your own time.

Topics covered:

- Explorations and interpretations of Prose and Poetry
- Explorations in Drama
- Extended Comparative Essay

A LEVEL ENGLISH LANGUAGE & LITERATURE

Topics covered:

- Exploring voices in speech and writing
- Investigating and creating Texts
- Varieties in Language and Literature

A LEVEL POLITICS

Topics covered:

- People and Politics
- Governing the UK
- Introducing Political Ideologies (Socialism, Liberalism, Conservatism and Anarchism)
- Other Ideological Traditions (Feminism, Nationalism, Ecologism and Multiculturalism)

A LEVEL HISTORY

Topics covered:

- In search of the American Dream: The USA circa 1917
- India circa 1914: The Road to Independence
- The British Experience of Warfare circa 1790 to 1918
- Historical Enquiry

A LEVEL LAW

Topics covered:

- The Legal system and Criminal Law (AS and A2)
- Law making and the Law of Tort (AS and A2)
- Further Law

A LEVEL FURTHER MATHEMATICS

Course outline: Further Mathematics is for students who have proven mathematical ability. They will possess mathematical flair, passion and love for the subject. Many students will go on to read Mathematics at University or follow a course that has significant mathematical content e.g. Engineering. Some of the Additional Further Mathematics modules may be delivered on-line via the Further Maths Network.

Topics covered:

- Complex Numbers
- Methods in Calculus
- Hyperbolic Functions
- Differential Equations
- Further Statistics and/or Further Mechanics

A LEVEL MATHEMATICS

Entry requirements:

Minimum Grade 6 in GCSE Mathematics plus 5 other academic GCSEs Grade 5 and above.

Topics covered:

- Trigonometric Functions and Modelling
- Differentiation and Integration
- Sequences and series
- Binomial Expansion
- Statistical Distributions
- Hypothesis Testing

A LEVEL MEDIA STUDIES

Topics covered:

- Media Representations and Responses
- Media Production Processes
- Media Investigation and Production
- Media – Text, Industry and Audience

A LEVEL PHYSICS

Topics Covered

- Measurements and their errors
- Particles and radiation
- Waves
- Mechanics and materials
- Electricity
- Further Mechanics
- Fields and their consequences ☒
- Nuclear Physics

Optional topic (1 from)

- Astrophysics
- Medical Physics
- Engineering Physics
- Turning points in physics [↗](#)
- Electronics

A LEVEL PSYCHOLOGY

Topics covered:

- Cognitive and Social Psychology
- Biological and learning Psychology
- Foundation sin Psychology
- Clinical and Child Psychology
- Methods, Synoptic review of studies, issues and debates

A LEVEL SOCIOLOGY

Topics covered:

- Families and Households
- Education
- Beliefs in Society
- Theory & Methods and Crime and Deviance