



BIOLOGY

Qualification: A-Level

Overview of subject:

A-Level Biology covers a vast spectrum of different topics providing you with a unique insight into the ever-changing world of science. You will be taught in modern and well-equipped science labs and classrooms. Practical work will be carried out regularly as part of each topic which will contribute to a practical endorsement in addition to your A-Level.

Topics studied in the syllabus include:

- 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

The course might be of interest to:

Studying biology would be ideal for those who have innate curiosity of themselves and the world around them. The course provides a unique opportunity to further enhance your knowledge of life, investigative skills and practical skill.

Potential future pathways:

Biochemistry, Microbiology, Botany and Zoology, or more applied sciences such as Pharmacy, Horticulture, Optometry or Medicine. In addition to the knowledge, students also have the opportunity to develop many transferable skills, which are sought after by future employers.