

Biology

Examination Board: Eduqas

Why study Biology?

Knowledge of the life sciences is essential for an understanding of our bodies and the way they work; the issues of world health, disease and medicine; nutrition, farming and the food chain; the interaction of genetics and environment on the development of our personalities and talents, DNA technology and the potential of the human genome project to improve our lives in the future.

As a practical subject, Biology requires the skills of organisation and experimental design as well as careful observation and recording. Throughout the course students will be required to think independently and apply their knowledge in unfamiliar contexts. Biology at A-level is essential for any student wishing to pursue a course in any of the Biosciences or in Medicine, Dentistry, Pharmacy, Veterinary Science or Physiotherapy.

Entry Requirements

- GCSE Biology (Grade B) and GCSE Chemistry (Grade B) or GCSE Core and Additional Science (Grade BB).
- Maths GCSE (Grade C).
- English Language GCSE (Grade C).

Subject Specification

The AS and A level are co-taught in the first year of A level but the AS is a standalone qualification and does not count towards the A level.

AS level Biology The content is split into two teaching components: Component 1 - Basic biochemistry and cell organisation Component 2 - Biodiversity and physiology of body systems	A level Biology The content is split into three components: Component 1 - Energy for life Component 2 - Continuity of life Component 3 - Requirements for life There is also a non-exam assessment Practical endorsement for biology (candidates complete a minimum of 12 practical activities to demonstrate practical competence this is a pass/fail, reported separately)
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Further Information

Students or parents requiring any further details are most welcome to contact Mrs C Coventry, Subject Leader for Biology (cmc@oswestryschool.org.uk).

