

Future Pathways

The subject of Biology leads to a wide variety of different professions. Whilst this is not an exhaustive list it does give you an idea of the wide variety of roles that can be accessed after studying Biology.

- Biologist
- Ecologist
- Nature conservation officer
- Animal behaviourist
- Medicine
- Dietician or Nutritionist
- Sports Scientist
- Dentist
- Vet
- Paramedic
- Nurse
- Forensic Scientist
- Research scientist
- Pharmacologist
- Biotechnologist
- Government agency roles
- Science writer
- Teacher



AQA A-Level Biology Course Description

A-level Biology is the study of living organisms via the study of biological molecules, cells, transport systems within organisms, genetics and ecosystems. It develops both knowledge and practical skills throughout these areas through theory-based lessons and practical skills. During the two-year course 12 Required Practical's also form their Practical Endorsement which is assessed as a Pass or Fail.

Topics

Year 1 topics include:

- Biological molecules
- Cells
- Organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms

Year 2 topics include:

- Energy transfers in and between organisms
- Organisms respond to changes in their internal and external environments
- Genetics, populations, evolution & ecosystems
- The control of gene expression

Assessment

Paper 1—

- Year 1 topics, including linked practical skills.
- Written exam for 2 hours, 91 marks in total. 35% of A-level.
- Questions consisting of 76 marks which are a mixture of short and long answer questions and 15 marks from extended response questions.

Paper 2—

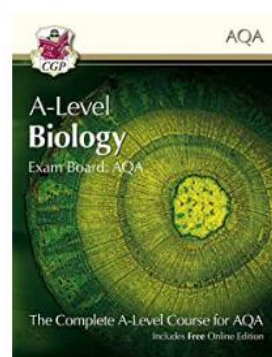
- Year 2 topics, including linked practical skills.
- Written exam for 2 hours, 91 marks in total,, 35% of A-level.
- Questions consisting of 76 marks which are a mixture of short and long answer questions and 15 marks from a comprehension question.

Paper 3—

- Any content and any practical skills.
- Written exam for 2 hours, 78 marks in total, 30% of A-level.
- Questions consisting of 38 marks from structured questions, including practical techniques, 15 marks from a critical analysis of given experimental data and 25 marks from one essay from a choice of two titles.

Textbooks & Revision Guides

- CGP A-Level Biology for AQA: Year 1 & 2 Student Book—The Complete A-Level Course for AQA.
- CGP A-Level Biology: AQA Year 1 & 2 Complete Revision and Practice .
- CGP A-Level Biology: AQA Year 1 & 2 Exam Practice Workbook .
- CGP Essential Maths Skills for A-Level Biology.



Whilst it is not essential for students to have their own copy of the textbook it would be advantageous for students to have a copy to complement their notes and promote wider reading.

