

# Biology

## A-LEVEL

EXAM BOARD AQA

ASSESSMENT

### COURSE CONTENT

**Component 1: Biological molecules.**

**Component 2: Cells.**

**Component 3: Organisms exchange substances with their environment.**

**Component 4: Genetic information, variation and relationships between organisms.**

**Component 5: Energy transfers in and between organisms (A-level only).**

**Component 6: Organisms respond to changes in their internal and external environments (A-level only).**

**Component 7: Genetics, populations, evolution and ecosystems (A-level only).**

**Component 8: The control of gene expression (A-level only).**

Component	Assessment	Duration	Weighting
1	Written exam including practical skills (topics 1-4)	2 hours	35%
2	Written exam including practical skills (topics 5-8)	2 hours	35%
3	Written exam practical skills and essay (topics 1-8)	2 hours	30%
4	Common Practical Assessment	Ongoing – teacher assessed	Separate Practical Endorsement Certification

### CAREER OPPORTUNITIES

Biology is a key subject for many careers, including: medicine, nursing, dentistry, forensic science, psychology, physiotherapy, botany, environmental science, oceanography, pharmaceuticals, genetics and research.

