

## **AQA: 7401 A level Biology**

### **A level Biology: Subject Content**

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 Biology: How it's assessed**

#### **Paper 1**

##### **What's assessed?**

- Any content from topics 1– 4, including relevant practical skills

##### **How it's assessed**

- Written exam: 2 hours
- 91 marks
- 35% of A-level

##### **Questions**

- 76 marks: a mixture of short and long answer questions
- 15 marks: extended response questions.

#### **Paper 2**

##### **What's assessed?**

- Any content from topics 5 – 8, including relevant practical skills

##### **How it's assessed**

- Written exam: 2 hours
- 91 marks
- 35% of A-level

##### **Questions**

- 76 marks: a mixture of short and long answer questions
- 15 marks: comprehension questions.

#### **Paper 3**

##### **What's assessed?**

Any content from topics 1– 8, including relevant practical skills

##### **How it's assessed**

- Written exam: 2 hours
- 78 marks
- 30% of A-level

##### **Questions**

- 38 marks: structured questions, including practical techniques
- 15 marks: critical analysis of given experimental data
- 25 marks: one essay from a choice of two titles.