



## **A LEVEL BIOLOGY**

### **EXAM BOARD**

OCR

### **CONTENT**

Cell structure; Biological molecules; Nucleotides and nucleic acids; Enzymes; Biological membranes; Cell division, cell diversity and cellular organisation; Exchange surfaces; Transport in animals; Transport in plants; Communicable diseases, disease prevention and the immune system; Biodiversity; Classification and evolution; Communication and homeostasis; Excretion as an example of homeostatic control; Neuronal communication; Hormonal communication; Plant and animal responses; Photosynthesis; Respiration; Cellular control; Patterns of inheritance; Manipulating genomes; Cloning and biotechnology; Ecosystems; Populations and sustainability.

### **COURSE STRUCTURE**

#### First Year:

Module 1: Practical Skills in Biology

Module 2: Foundations in biology

Module 3: Exchange and transport

Module 4: Biodiversity, evolution and disease

#### Second Year:

Module 5: Communication, homeostasis and energy

Module 6: Genetics, evolution and ecosystems

### **METHOD OF ASSESSMENT**

100% Exam based

3 papers (Biological processes, biological diversity & Unified biology)

Practical endorsement (non exam assessment): A teacher assessed component which is a minimum of 12 practical activities to demonstrate practical competence

### **ENTRY REQUIREMENTS**

6 in GCSE Biology

6 in Maths

*"I chose A-level Biology because it opens up more opportunities for what I want to do in life. I like the challenge it poses."*

