

# Notre Dame

## Sixth Form

**A Level Exam Board OCR H420**

## Biology A

---

### **If you have >>**

5 GCSE passes at grade 4 and above AND have studied the sciences at GCSE level and have achieved 2 grade 6 passes in either GCSE Separate Sciences or GCSE Trilogy Science. You must have a grade 5 in Maths at GCSE.

### **You can >>**

Apply to enrol on the 'A' Level Biology A course. Biology is the study of living organisms and their environment.

### **This will mean >>**

You will be able to develop essential knowledge and understanding of key concepts in Biology and in their application. You will undertake frequent practical work, including a residential field trip, and you will have opportunities through visits and schemes such as the Nuffield Bursary to interact with qualified biologists in a variety of fields. You will also develop competence and confidence in practical, mathematical and problem solving skills.

### **This course will appeal to any student who >>**

Asks questions about how their body works and who is curious and excited by the living world around them. The course is designed to stimulate that curiosity and enable you to develop your understanding.

### **You will >>**

Study 4 units for AS Biology, or 6 units for A2 Biology. Practical work will be an important part of the course and practical skills will be assessed in all examination papers. At A2, there will be a separate endorsement of practical skills.

### **Course Modules are >>**

- Module 1 – Development of Practical Skills
- Module 2 – Foundations in Biology
- Module 3 – Exchange and Transport
- Module 4 – Biodiversity, evolution and disease
- Module 5 – Communications, homeostasis and energy
- Module 6 – Genetics, evolution and ecosystems

### **With this subject you could >>**

Apply to University to study any degree course in a biological science or health related discipline. The course is also essential for anyone considering courses in medicine, nursing and related courses, dentistry, veterinary science, pharmacology or pharmacy. Biologists are employed throughout industry and, as a