

<b>FACULTY</b>	<b>SCIENCE</b>
<b>TITLE OF COURSE</b>	<b>HUMAN BIOLOGY</b>
<b>LEVEL</b>	<b>HIGHER</b>
<b>RECOMMENDED ENTRY LEVELS</b>	<b>A National 5 Biology pass at A or B grade</b>

### **Which topic areas are covered in Higher Human Biology?**

- **Human Cells**  
(Division & Differentiation in Human Cells; Structure & Function of DNA; Cell Metabolism)
- **Physiology & Health**  
(Reproduction; Cardiovascular System)
- **Neurobiology & Communication**  
(Nervous System; Communication & Social Behaviour)
- **Immunology & Public Health**  
(Immune System; Infectious Diseases & Immunity)

### **Which skills are taught?**

- Scientific and analytical thinking skills in a Human Biology context
- Problem solving skills in a Human Biology context
- Understanding the role of Human Biology in scientific issues
- Acquire and apply knowledge and understanding of concepts in Human Biology
- Develop an understanding of relevant applications of Human Biology in society
- Develop literacy and numeracy skills
- Develop employability and enterprise skills.

### **What assessments are there?**

Progress of pupils is maintained throughout the course by unit assessments and an assessed practical investigation.

The final mark is a combination of the externally assessed exam, worth 83% of final mark, and the externally marked assignment, 17% of the final exam.

### **What kind of homework is given to support learning?**

Knowledge and understanding, problem solving, research projects including scientific report writing and investigations.

### **How often is it issued?**

Homework is issued on a regular basis throughout the week.

### **What careers would benefit from a knowledge of the subject?**

A vast number of careers benefit from a knowledge of Human Biology. For example: Medicine, Bio-Engineering; Agriculture; Food Science; Forensics; Teaching; Dentistry; Nutrition; Journalism; Pharmacy; Archaeology; Immunology; Oceanography; Laboratory Technician; Physiotherapy; Nursing.

### **How can parents help?**

Encourage students to take responsibility for their own learning and seek support where necessary.