

# BIOLOGY at OLA

**Awarding body: OCR A**

**Code: H420**

You will learn further about the core concepts of Biology and about the impact of research and how it links to everyday life such as developing new medicinal drugs and the global importance of Biodiversity. The course is split into the six modules and assessed as outlined below:

Content Overview	Assessment Overview	
<p>Content is split into six teaching modules:</p> <ul style="list-style-type: none"> <li>• Module 1 – Development of practical skills in biology</li> <li>• Module 2 – Foundations in biology</li> <li>• Module 3 – Exchange and transport</li> <li>• Module 4 – Biodiversity, evolution and disease</li> <li>• Module 5 – Communication, homeostasis and energy</li> <li>• Module 6 – Genetics, evolution and ecosystems</li> </ul> <p>Component 01 assesses content from modules 1, 2, 3 and 5.</p> <p>Component 02 assesses content from modules 1, 2, 4 and 6.</p> <p>Component 03 assesses content from all modules (1 to 6).</p>	<p>Biological processes (01)</p> <p>100 marks</p> <p>2 hour 15 minutes written paper</p>	<p><b>37%</b></p> <p><b>of total A level</b></p>
	<p>Biological diversity (02)</p> <p>100 marks</p> <p>2 hour 15 minutes written paper</p>	<p><b>37%</b></p> <p><b>of total A level</b></p>
	<p>Unified biology (03)</p> <p>70 marks</p> <p>1 hour 30 minutes written paper</p>	<p><b>26%</b></p> <p><b>of total A level</b></p>
	<p>Practical endorsement in biology (04)*</p> <p>(non exam assessment)</p>	<p><b>Reported separately</b></p> <p>(see section 5g)</p>

## Why study Biology at OLA?

- Individual attention in small classes
- very experienced teachers who will help you to increase your knowledge, from Cells to Ecosystems, and develop your practical and problem solving skills
- Residential Field Trip to Dale Fort in Pembrokeshire
- Visit Bristol Zoo
- Lectures at Oxford Natural History Museum
- The opportunity to compete in the Royal Society's Biology Olympiad
- If you want to pursue a biology-related career we can support you in that and we usually have much additional stretch and challenge extension material

## Is Biology for you?

- Are you interested in research, medicine, veterinary science, conservation, forensics or sports science?
- Do you enjoy practical work and problem solving?
- Do you enjoy studying the human body and how it works such as the brain and immune system?
- How are all organisms related and what are the latest developments in studying genetics?

**If so... Biology is definitely for you!!**

## Why study Biology?

- It offers you an interesting and challenging learning experience, linking key biological ideas and understanding how they relate to each other
- A level Biology is a 'Russell Group subject' which means it is highly regarded by prestigious universities who recognise that you will have developed a range of important transferable skills.
- These skills include analysis and evaluation of information which are useful in many areas including law.
- Biology combines well with not only Chemistry, Physics and Mathematics but also Psychology, History and Geography.
- Many universities require A level Biology to study medicine.