

## A Level Biology- OCR Biology A

### Curriculum content:

	<b>Year 12</b>	<b>Year 13</b>
<b>Autumn Term</b>	<i>Module 1:</i> Development of practical skills in biology <i>Module 2:</i> Foundations in Biology	<i>Module 1:</i> Development of practical skills in biology <i>Module 5:</i> Communication, homeostasis and energy (units 5.1,5.2,5.4,5.6 and 5.7) <i>Module 6:</i> Genetics, evolution and ecosystems (unit 6.1 only)
<b>Spring Terms</b>	<i>Module 1:</i> Development of practical skills in biology <i>Module 3:</i> Exchange and transport	<i>Module 1:</i> Development of practical skills in biology <i>Module 5:</i> Communication, homeostasis and energy (units 5.3 and 5.5 only) <i>Module 6:</i> Genetics, evolution and ecosystems (units 6.2-6.4)
<b>Summer Term</b>	<i>Module 4:</i> Biodiversity, evolution and Disease	

### Skills:

- Scientific thinking
- Independent thinking
- Experimental skills and strategies
- Analysis and evaluation
- Scientific vocabulary, quantities, units, symbols and nomenclature
- Problem solving
- Research and referencing
- Mathematical Skills
- Application of science to the real world
- Safe working practices during experiments
- Proficient use of subject specific vocabulary

**Assessment:**

Assessment is all by external examination.

Paper	Paper 1: Biological Processes	Paper 2: Biological diversity	Paper 3: Unified biology
<b>Topics covered</b>	Modules 1,2,3 and 5	Modules 1,2,4 and 6	Modules 1-6
<b>Length of exam</b>	2hr15	2hr15	1hr30
<b>Marks available</b>	100	100	70

There is also a Practical Endorsement, which is a separate qualification and graded either pass or fail. This involves the completion of a range of practical activities that will ensure the completion of all the Common Practical Assessment Criteria (CPAC), as specified by OCR.

More information on the specification and assessments can be found on the OCR website at

<https://www.ocr.org.uk/qualifications/as-and-a-level/biology-a-h020-h420-from-2015/>