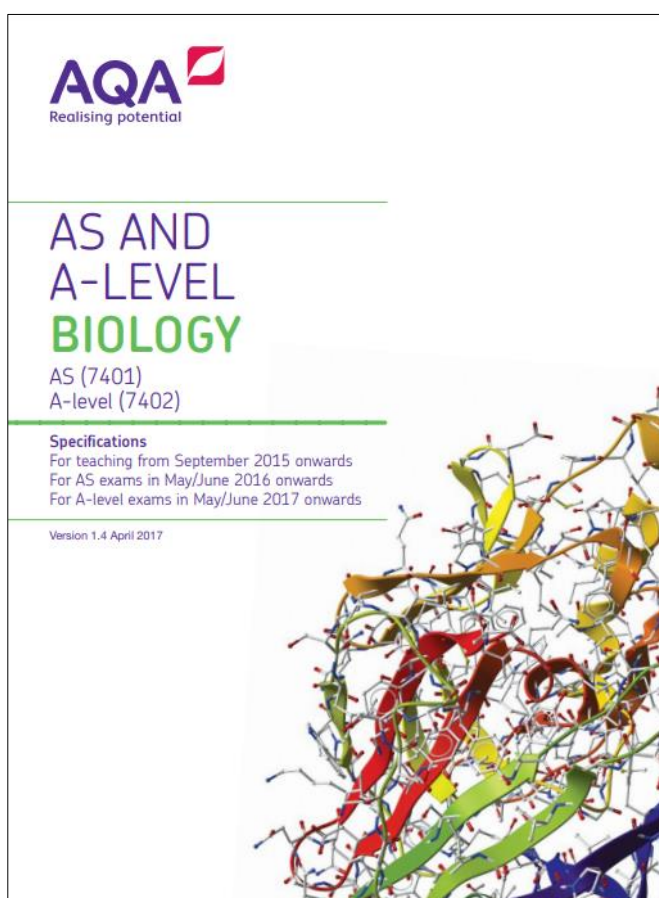


# A-Level Biology at St. Ambrose College



You are following the AQA Biology A-Level course 7402.

You can access the complete exam specification and past exam papers on the AQA website <https://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402>

The course content is split into eight main teaching topics:

- 1 Biological molecules
- 2 Cells
- 3 Organisms exchange substances with their environment
- 4 Genetic information, variation and relationships between organisms
- 5 Energy transfers in and between organisms
- 6 Organisms respond to changes in their internal and external environments
- 7 Genetics, populations, evolution and ecosystems
- 8 The control of gene expression

The course will be **fully assessed** by **three** written papers at the end of the two year course:

Final exam	Content assessed	Duration	Weighting	Details
Paper 1 (91 marks)	Topics 1,2,3 and 4 (including relevant practical skills)	2hrs	35%	a mixture of short and long answer questions
Paper 2 (91 marks)	Topics 5,6,7 and 8 (including relevant practical skills)	2hrs	35%	a mixture of short and long answer questions (including a 15mark comprehension)
Paper 3 (78 marks)	All topics (including relevant practical skills)	2hrs	30%	<i>SYNOPTIC</i> - Structured questions, including practical techniques and critical analysis of data. 25 mark essay from a choice of two titles

Your lessons will be split between two teachers; you must keep the work for each teacher separate and in order.

	Teacher 1	Teacher 2
<b>L6<sup>th</sup></b>	Topic 1. Biological molecules Topic 4. Genetic info, variation & relationships between organisms	Topic 2. Cells Topic 3. Organisms exchange substances with their environment
<b>U6<sup>th</sup></b>	Topic 5. Energy transfers in and between organisms Topic 6. Organisms respond to changes in their internal and external environments	Topic 7. Genetics, populations, evolution and ecosystems Topic 8. The control of gene expression

For every hour of lesson time you should be spending a minimum of 1hr independently consolidating your current biology classwork and reviewing previous topics.

Use the **digital textbook** on [www.kerboodle.com](http://www.kerboodle.com) to add to your class notes, produce summary notes and attempt the practice questions.



You should be referring to your printed copy of the **exam specification** (also available on [www.aqa.org.uk](http://www.aqa.org.uk)) regularly to keep track of your own progress.

[www.physicsandmathstutor.com](http://www.physicsandmathstutor.com) Is a fabulous resource giving access to lots of **legacy exam questions and mark schemes** divided into individual topics

**A Level Biology Clinic** runs one lunchtime a week as an opportunity for students to access additional support outside of the classroom.

*Fancy a further **challenge**? Ask to borrow a reading book from our biology library*

