

Level 3 AAQ Cambridge Advanced National in Applied Science

Summer preparatory work 2025

In preparation for joining the department and starting your journey on the AAQ qualification, it is very important to make use of some of the time over the summer months to make sure that you give yourself the best start possible to the course.

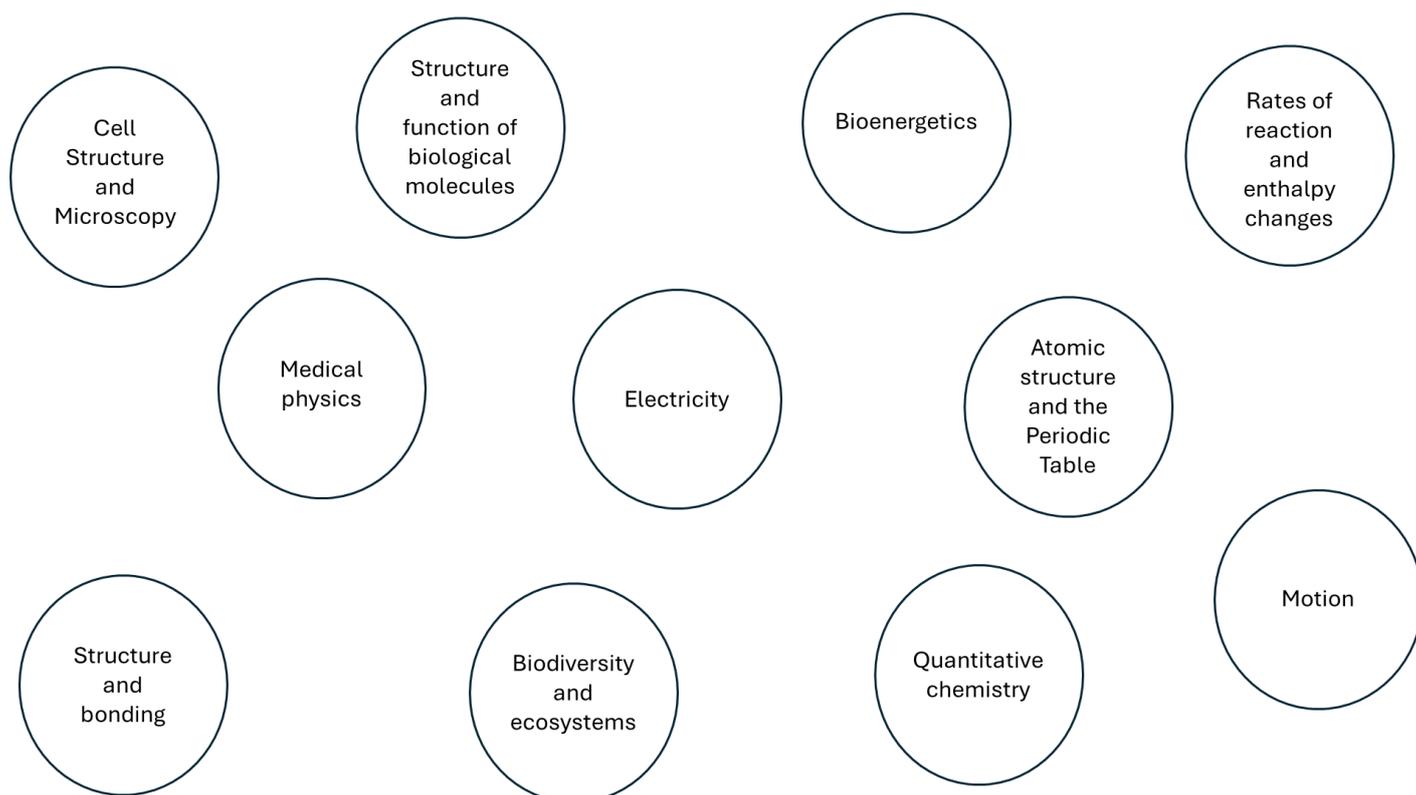
As applied science covers fundamental topics from all the sciences from secondary school, you need to make sure that you have a good understanding of the key concepts from chemistry, biology and physics. Therefore, ...

1. Science Revision

Although I appreciate that you have just done your GCSE science exams, it will be very beneficial to you to keep working on revising the content from chemistry, biology and physics. Try and aim for at least 30 minutes a week revising the 3 together (so just 10 minutes on each), and take an interest and read about what is happening in the news from the science world.

2. Connection grid (To be handed in)

To be successful in science, it can really help to be able to draw connections between different areas of science. Below is a grid containing subtopics that you will cover in the first year. I ask that you create your own version, and add to it in one colour, of everything you understand about the subtopics so far. Then in another colour, by doing research if needed, try and identify links between the different areas. Include illustrations.



Finally, to spend time researching jobs and pathways that you could see yourself taking after completing this qualification. Understanding the benefits that this course can bring to you and your future goals.

<https://www.prospects.ac.uk/job-profiles>

<https://www.ucas.com/careers-advice>

Additional short courses –

<https://www.futurelearn.com/>

<https://www.open.edu/openlearn/>

Course specification –

<https://www.ocr.org.uk/Images/697579-specification-cambridge-advanced-national-in-applied-science.pdf>

We hope you have a great summer, best of luck with your GCSE results, and we look forward to welcoming you into the department in September.