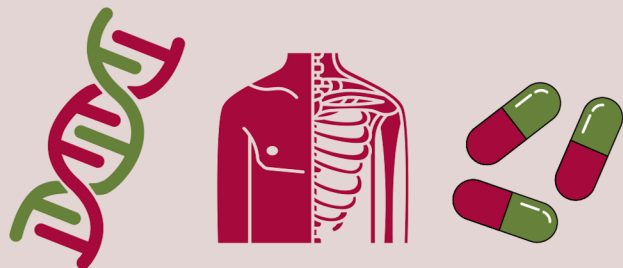


Why study Medical Sciences?

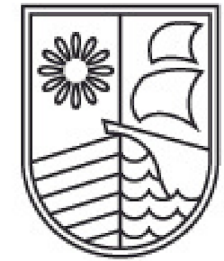
This wholly enriching course is designed to equip you with additional skills you will need as a part of any science-based university course. If you are interested in the medical based sciences such as Medicine, Dentistry, Veterinary Science, Biochemistry, Epidemiology, Cancer Research, Genetics, Physiology or Pharmacology, then this bespoke Redmaids' High course will help prepare you.

The course is a great addition to science A Levels although studying Biology, Chemistry or Physics at A Level is not a pre-requisite to take the course. If you think you may be interested in working in a field that involves science then this unique course is for you.



PROGRAMME SPECIFICS

You will need Six GCSEs/IGCSEs at Grade 6 including English and Mathematics. Whilst there is no assessment, students may have the opportunity to enter national competitions over the course of the year.



REDMAIDS'
HIGH SCHOOL
FOR GIRLS | BRISTOL

MEDICAL SCIENCES
SIXTH FORM PROGRAMME

Course Information

What will I be studying?

You will be acquiring skills essential to becoming a well-rounded scientist and learning to follow the accepted scientific method that is the basis of all research and scientific progress. Furthermore, you will begin to learn how to read a scientific journal article, how to write scientifically, how to peer review data, how to present data, how to interpret and critically analyse data. You will work with your peers in groups to research and present questions such as 'Has long Covid impacted different cohorts to different extents?', 'Can we cure cancer?', 'Should antibiotics be used in farming?'

You will also have the opportunity to plan and carry out your own scientific investigations and practice presenting your findings in ways done in the international scientific community, short talks, posters and written talks.



How will I be studying?

Our varied lessons will include a mixture of tutorial style discussions, research and presentations, practical work and talks from visiting speakers over the course of the year. We will also expect students to undertake some reading ahead of discussions so that they can come to lessons ready with their arguments, and we will encourage students to critique and develop their answers.

We will be supporting students to develop their research and presentation skills over the year using a range of techniques including verbal presentations, scientific posters, or essays. Some essays may be entered into scientific essay competitions later in the year. Visiting speakers from a range of medical and scientific backgrounds will be able to share their expertise and also open students' eyes to a range of scientific and medical careers options.

How will the Medical Sciences Programme help me in the future?

The Medical Sciences Programme should give any students thinking of a scientific career the skills to really hit the ground running at university. The ability to read, think critically and write scientifically are crucial skills that A Level courses often do not allow much time for, so students will be able to start their university course with more confidence. The understanding of the scientific method gained will support them in any scientific career they may go on to. Their experiences will also support them in developing their applications to university courses in a range of fields and the visiting speakers will hopefully inspire them in their future choices.

