

HEALTH & MEDICINE

Health and Medicine at Macademia introduces young people aged 12+ to the science of the human body and the world of healthcare. Students explore body systems, disease, patient care, and medical innovation while developing knowledge, empathy, and critical thinking.

The course is structured into six standalone modules, each running as a 6-week block (2-hour sessions). Modules can be taken in sequence or mixed with other subjects, allowing a flexible learning journey.

Through practical activities and real-world case studies, students gain insight into medical practice and healthcare systems, building skills that support GCSE and A-Level studies. The course also helps students develop strong portfolio work and prepares them for future pathways and careers in medicine and related fields.

The Human Body

1. Body systems
2. Skeleton and movement
3. Heart and circulation
4. Breathing and lungs
5. Brain and senses
6. Review

Patient Care & Ethics

1. Patient-centred care
2. Communication skills
3. Ethical dilemmas
4. Teamwork in healthcare
5. Case studies
6. Reflection

Health & Disease

1. Germs and immunity
2. Prevention and vaccines
3. Nutrition and health
4. Mental health
5. Public health
6. Campaign presentation

Public Health & Society

1. Health inequalities
2. Global health
3. Epidemics
4. Policy and prevention
5. Awareness projects
6. Presentation

Medical Science

1. Medical tools
2. Diagnostics
3. Imaging technologies
4. Genetics
5. Innovation in medicine
6. Review

Careers in Medicine

1. Medical careers
2. Training pathways
3. Skills and attributes
4. Work experience
5. Preparation advice
6. Career roadmap

