



# AAQ Human Biology

## What will I study?

Human Biology explores the structure and function of the human body and the biological processes that sustain life, covering key topics such as cells and tissues, major organ systems, biochemical processes, genetics, disease and human health; you will learn how systems including the circulatory, respiratory, digestive, nervous, endocrine and musculoskeletal systems operate and work together to maintain homeostasis, while also examining contemporary issues such as lifestyle-related disease, infection and immunity, medical treatments and emerging biomedical research, with practical and applied activities helping you develop essential laboratory skills, scientific reasoning and the ability to apply biological knowledge to real-world health scenarios.

## How will I be assessed?

The AAQ Human Biology qualification is assessed through a combination of externally marked written exams, which test your understanding of biological concepts, processes and the application of scientific knowledge, and internally assessed coursework, where you will complete practical investigations, research assignments and scenario-based tasks; together, this balanced approach enables you to demonstrate both theoretical understanding and practical competency relevant to health, biomedical and science-related fields.

## What are the entry requirements?

You will need five GCSEs at grade 4 or above, including English Language, Maths and Combined or separate Sciences. A strong interest in human physiology, health, and medical science is highly beneficial, as is confidence in handling scientific terminology and extended written work.

## Where will this course lead?

The Human Biology AAQ provides an excellent foundation for progression into a wide range of pathways, including degrees in Human Biology, Biomedical Science and Health Science; careers in nursing, midwifery, paramedicine and other allied health professions; routes in sport and exercise science, physiology and nutrition; apprenticeships in healthcare, laboratory work or clinical support roles; and further Level 3–5 science study at Milton Keynes College or university, supporting career aspirations in healthcare, diagnostics, clinical practice, laboratory work, public health and medical research.

## What combines well with this subject?

Human Biology combines effectively with Biology, Psychology, Chemistry, Health and Social Care. These subjects strengthen your understanding of the human body, behaviour, health, and disease, and together provide a strong foundation for future medical, health, and science-based careers.