



**UTC
SHEFFIELD**

**OLYMPIC
LEGACY PARK**



Health Sciences

@ UTC Sheffield Olympic Legacy Park

The Health Sciences specialism at the UTC Olympic Legacy Park will provide students with the knowledge and skills to work across numerous vocational areas of the healthcare and wellbeing sectors.

Health Sciences looks at new ways to prevent as well as treat illness and help people to lead healthier lives. Breakthroughs in medicine and health are happening every day. As a student at the UTC you will look at both the application of healthcare and the scientific research behind it.

Sheffield City Regions hosts a growing number of healthcare and wellbeing companies and is also a hub for leading research and cutting edge technologies in health, with national centres of excellence led by both universities, alongside elite sporting bodies such as the English Institute of Sport.



What job could I get?

Below are a few examples of the many jobs available within healthcare and medical professions which need young people with technical and scientific skills:

Clinical Engineering and Medical Physics

The healthcare science team in this area use their skills to develop methods of measuring what is happening in the body, devise new ways of diagnosing and treating disease, as well as ensuring that equipment is functioning safely and effectively.

Doctor

The traditional role of being a GP or hospital doctor is changing rapidly and needs people who not only understand medicine, but are also technically adept, excellent communicators and great at team work.

More Career Ideas: Nurse, Hospital Play Specialist, Health Scientist, Physiotherapist, Psychologist, Family Support Worker, Medical Lab Technician, Radiographer, Operating Theatre Assistant...

Dentist

As a Dentists you would diagnose, treat and try to prevent problems affecting the mouth and teeth and promote oral health. Dentists need need to have good hand-eye coordination as well as good people skills.

Midwife

As a midwife you would care for and support pregnant women and their babies, before, during and after childbirth. Excellent communication skills, and the ability to gain people trust are must have skills for this career.

**The
Healthcare
Sector is worth
£100 billion**

Useful Links

For more job profiles visit:

- nationalcareersservice.direct.gov.uk

The NHS Careers site also has a wealth of information on jobs in Health Sciences:

www.nhscareers.nhs.uk/explore-by-career/healthcare-science



Employer-led projects

The location of the new UTC Sheffield campus on the Olympic Legacy Park provides a unique opportunity exciting projects spanning health and wellbeing.

The Olympic Legacy Park will be home to the Advanced Wellbeing Research Centre, a collaboration between Sheffield Hallam University, the National Centre for Sport and Exercise Medicine and Sheffield Teaching Hospitals.

As a student at the UTC you will work with healthcare professionals, research scientists, coders and data scientists on projects about how to improve human body and apply these to healthcare using

technology. For example, you could be working with the University of Sheffield on the Patients as Educators Project. During the project you will get to meet real patients and learn about their condition, treatment plan and experience of care. You will see demonstrations of skills associated with individual patient care. You will apply this information to case studies and look at ways to better improve care and patient experience, as well as discussing this with health professionals.

These are just some of the employers you'll be working with:





How to apply

You can join UTC Sheffield in
Year 10 and Year 12.

Entry to the UTC is free and non-selective. UTCs are government-funded.

There are no entry requirements for Year 10. For details of how to apply and our Y12 entry requirements, visit our website.

A Level choices are tied to specialisms and therefore timetabled in specific locations (City Centre or Olympic Legacy Park) but there may be opportunity for flexibility. Please contact us to discuss your A Level choices if you are interested in A Level options across institutions.

**For details of how to apply, visit our
website: utcsheffield.org.uk/apply**

**We encourage everyone who wishes to apply to
come to one of our showcase and taster events.**

To check dates and book your place,
visit: **utcsheffield.org.uk/events**