



# School for Health, Science and Technology

Education through innovation



A partnership between



[fife.ac.uk/SHST](http://fife.ac.uk/SHST)

# About the School for Health, Science and Technology

The School for Health, Science and Technology (SHST) is a unique partnership between Fife College and NHS Lothian. By combining resources and expertise, we can provide courses at our training labs and learning environments in St John's Hospital, Livingston.

From this industry standard location we deliver a wide range of training and academic courses.

- Our teaching uses only current and industry-leading lab techniques
- Our excellent relationships with employers mean that we are able to mould our labs to meet skills gaps within industry
- We are able to map each student's current qualifications in order to give them the tailored educational programme they need for employment
- Expert teaching is delivered by dedicated staff, and is supplemented by voluntary lab teaching from industry professionals and experts in their fields across relevant disciplines
- Growing opportunities in areas beyond Life Sciences

For more information, contact Dr Yvonne Bayne, Curriculum Manager: Science at Fife College, on [yvonnebayne@ffe.ac.uk](mailto:yvonnebayne@ffe.ac.uk)





# Why Science?

Science is a growing industry, with employers actively seeking recruits with science based experience and qualifications. There has never been a better time to begin a career in science.



Life Sciences is a key sector with the potential to become a significant contributor to Scotland's sustainable economic growth.

Around 32,000 people work in Life Sciences across 600+ organisations in Scotland, with a turnover in excess of £3.1bn per year.



# How to get involved

The School for Health, Science and Technology runs taster sessions and other classes at our training labs and learning environments in St John's Hospital, Livingston.

You could study in real, contemporary labs using up-to-date equipment and techniques.



Expert teaching is delivered by dedicated staff, and is supplemented by voluntary lab teaching from industry professionals and experts in their fields across relevant disciplines.

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# Career options within Science

Science is an ever evolving field, with many different and exciting career paths available.

If you choose a career in Laboratory Medicine, you will assist in the diagnosis and treatment of disease.

Training at the School for Health, Science and Technology, will open up opportunities in:

- Biomedical science
- Clinical science
- Medical science
- Biomedical support
- Science teaching

Whether you want to specialise in a particular area, or want to stay more general, training at the School for Health, Science and Technology can lead to a highly rewarding career.



Choose an industry that  
never stays the same.  
**Choose science.**

# Modern Apprenticeships

A Modern Apprenticeship gives you the chance to learn on the job, so you can get professional experience, earn a wage, and work towards an industry recognised qualification.

We deliver Modern Apprenticeships at the School for Health, Science and Technology. This will give you the opportunity to learn in our state-of-the-art training labs and learning environments in St John's Hospital, Livingston.

Expert teaching is delivered by dedicated staff, and is supplemented by voluntary lab teaching from industry professionals and experts in their fields across relevant disciplines.

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NHS Scotland mandatory induction standards have been incorporated into the VQ element of each of our MA frameworks.

The underpinning knowledge of the MAs at SCQF Level 7 comes from HNC: Applied Science.



We offer the following frameworks:

- Laboratory and Associated Technical Activates SCQF Level 7
- Life Science and Related Industries SCQF Level 7
- Healthcare Support (Clinical and Non-Clinical) SCQF Levels 6 and 7

We are now also able to offer an apprenticeship pathway for Facilities Management Staff. This programme has been designed as a bespoke career pathway for NHS facilities management staff.

# Senior Phase – HNC: Applied Science

HNC: Applied Science is aimed at S6 pupils and employees and provides students with the competencies required to carry out roles in research and industrial laboratories; biotechnology, biological, chemical, microbiological, pharmaceutical, and environmental industries.

It provides students with both the practical skills and theoretical knowledge that meet the requirements of employers.

This is a day release programme delivered at the SHST by staff from Fife College and NHS Lothian Department of Laboratory Medicine over either one or two years.

It is delivered on a Monday 0900-1700, and a Tuesday 0900-1200.

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## Progression from MA to HND and Part-Time Degree

It's not just the senior phase that can benefit from the expertise, opportunities, and connections available through the School for Health, Science and Technology.

Once a student has completed their HNC as part of their senior phase curriculum, they can then progress onto HND: Applied Biological Science – also delivered at the SHST.

After the HND, the student then has the opportunity to move onto degree study at the University of Edinburgh.

The School for Health, Science and Technology has agreed articulation terms with the University to enable our students to move from our HND to BSc (Hons) Biomedical Laboratory Science (Professional Practice) – studied at the University of Edinburgh.



**THE UNIVERSITY**  
*of* **EDINBURGH**

The degree is studied part-time and allows students to continue their progression once in employment.

**Complete your HNC at school then progress onto HND before joining BSc (Hons) Biomedical Laboratory Science (Professional Practice) at the University of Edinburgh**



# Continuing Professional Development for Science Teachers

Although CPD is important in every career, it is even more important for Scientists and Science teachers.

The fluid and ever-evolving nature of the industry and its practices means that we must keep up to date with new developments.

**The School for Health, Science and Technology can help!**

Our training labs and learning environments in St John's Hospital, Livingston, provide an industry standard location to deliver CPD on contemporary lab practices in state-of-the-art facilities.

We are able to mould our labs to meet skills gaps within industry. We also provide tailored training and development, focusing on the skills student's need.

Courses could include Microbiological Technologies.

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## **Want more information?**

For further information about the School for Health, Science and Technology, contact Dr Yvonne Bayne, Curriculum Manager: Science at Fife College.

**Call: 0344 248 0115**

**Email: [yvonnebayne@fife.ac.uk](mailto:yvonnebayne@fife.ac.uk)**

**Visit: [fife.ac.uk/SHST](http://fife.ac.uk/SHST)**



The information published in this guide was correct at the time of print.  
For the most up-to-date information, you should always check our website.

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