

Foundation Apprenticeship in Scientific Technologies



SCIENTIFIC TECHNOLOGIES

SCQF Level 6

Not all scientists wear white lab coats – the world of science is wide and varied with limitless opportunities for exploration and employment. Science covers a vast variety of topics; from astronomy to zoology, working in a variety of locations such as laboratories and hospitals or underwater studying plants and animals or even up in space researching human health. Science is developing all the time with scientists all over the world applying their knowledge and expertise to challenge climate change, design new vaccines or create new ways to grow food.

CAREER PATHWAYS

- Laboratory Technician
- Biochemist
- Biomedical Scientist
- Marine Biologist

COURSE DESCRIPTION

The Foundation Apprenticeship will allow you to gain a vocational qualification that combines specific sector skills in a work-based context alongside the theoretical knowledge to support the skills. You will learn in a classroom environment, have industry led talks and carry out a work placement with a local employer to undertake the work-based units of the course.

COURSE CONTENT

NPA Element

- Laboratory safety
- Mathematics for science 2
- Fundamental chemistry: An introduction
- Experimental procedures: Science

SVQ Elements

- Follow health and safety procedures for scientific or technical activities
- Carry out simple scientific or technical tests using manual equipment
- Prepare compounds and solutions for scientific use

SKILLS DEVELOPED

- Competence in essential laboratory skills
- Organisational skills
- Presentation skills
- Time management

ENTRY REQUIREMENTS

- 4 National 5s at grade C or above including Maths and Chemistry
- Planning to study a minimum of one Higher in a relevant science discipline whilst in S5
- An excellent attendance record in school

COURSE DURATION

1 year

TARGET YEAR GROUP

S5/S6

ADDED VALUE FOR FUTURE PROGRESSION

Fife College will accept achievement of the FA in Scientific Technologies as equivalent to two Highers which will support you to gain entry to the HNC: Applied Science at SCQF Level 7

UCAS Tariff Points: 42

SCQF Credit Points: 51