



DEVELOPING
SCIENCE
PROFESSIONALS

**Higher Apprenticeship
for Life Sciences and
Chemical Science Professionals**



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The Developing Science Professionals programme is designed to provide employers with an alternative option to graduate recruitment. For the first time, it provides laboratory, scientific and technical employees with the opportunity to gain qualifications up to graduate level, with the addition of hands on experience gained through work.

The programme will help you to nurture a talent pool of diverse employees who will go on to play a key role within your business.

The framework pathways

The Developing Science Professionals programme is underpinned by an overarching Higher Apprenticeship (HA) for Life Sciences & Chemical Science Professionals. The HA framework contains five pathways; Life Sciences, Chemical Science, Process Development, Packaging Development and Healthcare Science. Each pathway offers a choice of qualifications, including new HND Diplomas or Foundation Degrees at Level 5, which have been designed to maximise work-based learning through flexible delivery mechanisms that are suited to both large and small employers.

The HA for Life Sciences & Chemical Science Professionals framework contains qualifications that are sufficiently flexible to allow the learner and their employer to select modules that best meet the needs of the job role, whilst providing the generic knowledge and competences that are required at each level.

The Higher Apprenticeship includes an integrated qualification with the following elements:

Competence Element

Achievement of this element shows that the apprentice is competent in performing the job role and evidence of this is needed for the apprentice to gain their Apprenticeship certificate.

Technical Knowledge Element

Achievement of this element will show that the apprentice has the necessary technical skills, knowledge and understanding of theoretical concepts as well as knowledge and understanding of the relevant industry and its market.

In addition the apprentice will develop professional competence through gaining skills in creative thinking, independent enquiry, team working, self-management, reflective practice, communication, problem solving and professional practice.

Recognition of Professional Development

The programme has been mapped to the requirements of the Science Council Technician Register, allowing the higher apprentice to gain professional recognition as a Registered Technician (RSciTech) at Level 3 and on completion of the programme, as a Registered Scientist (RSci) at Level 5.

Why you should invest in the Higher Apprenticeship

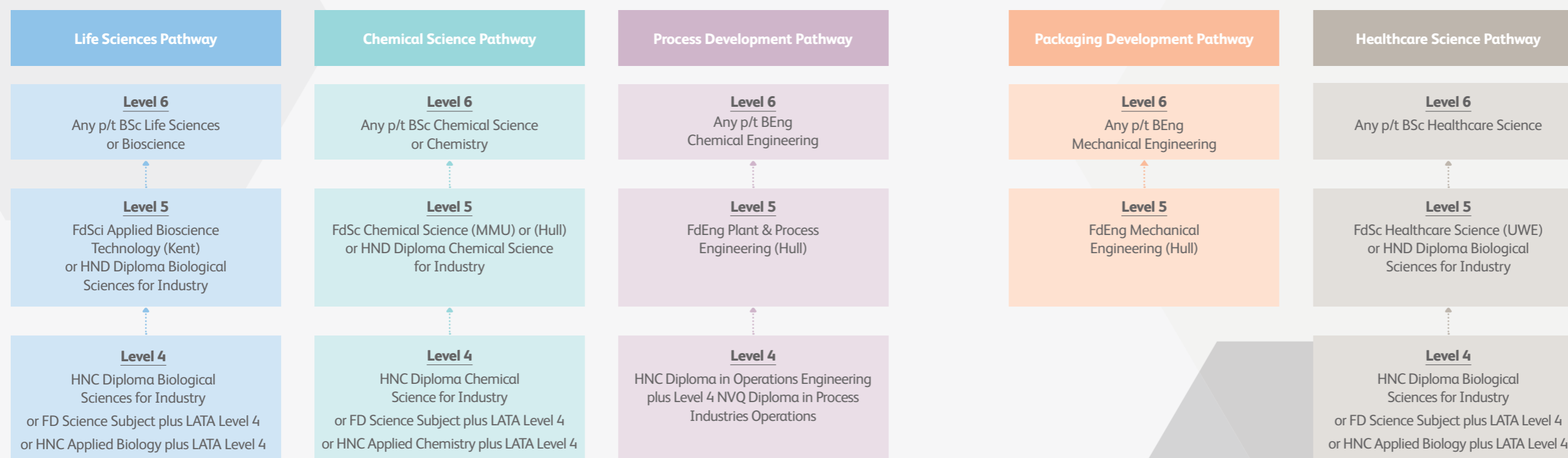
- The HA for Life Sciences & Chemical Science Professionals is designed by employers and reflects the range of technical and business skills that leads to the professional competence employers need.
- Higher apprentice training is 'on-the-job' and therefore it adds to your productivity, whilst at the same time, the apprentice gains directly from the skills and experience of colleagues around them.
- Skills are developed that are not only relevant to the science-based industries, but are specific to your business. Industry specialists have designed the HA for Life Sciences & Chemical Science Professionals to address business needs.
- The higher apprentice can progress to graduate level through top-up flexible part-time modules, leading to a BSc or BEng Honours degree.
- 80% of employers who employ apprentices say they make the workforce more productive.
- Higher Apprenticeships allow an employer to build a more diverse workforce with a range of different skills and perspectives; and diversity is proven to improve financial performance, bringing different perspectives to business challenges, and greater innovation and value to your business.

- Higher Apprenticeships enable employers to access otherwise untapped, under-represented pools of talented recruits with the talent to thrive in your industry and contribute to your business success.
- The cost of developing the science professionals your business needs through a Higher Apprenticeship is comparable to the cost of recruiting and training a graduate.
- Engaging with and promoting Higher Apprenticeships will fulfil your social responsibility and you will be making a real contribution to the local community and the science-based industries as a whole.

How much does the Higher Apprenticeship for Life Sciences and Chemical Science Professionals cost?

The cost of the Higher Apprenticeship is made up of tuition fees and framework element fees. The fees are set by the training provider. Government incentive grants to encourage the employment of higher apprentices may be available through your training provider.

Higher Apprenticeship for Life Sciences and Chemical Science – framework pathways



All pathways include professional competences gained through Personal Learning & Thinking Skills, Employee Rights & Responsibilities and Functional Skills. Entry at Level 4 or 5. Minimum requirements: A Levels or a BTEC in STEM subjects or an Advanced Apprenticeship, for example: Laboratory and Science Technicians.



**For more information
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