University of Salford MANCHESTER

Laboratory Scientist

Degree Apprenticeship

BSc (Hons) Chemistry

About the programme

A laboratory scientist applies specialist knowledge and broad scientific understanding to carry out a range of technical and scientific activities in their specialist discipline: Chemical Science, Life Sciences, Research & Development, and Analytical. They analyse, interpret and evaluate relevant scientific information, concepts and ideas and use these to develop subsequent experiments or investigations and to propose solutions to problems. Typical jobs you might enter include quality control analyst, synthetic chemistry, and analytical scientist.

The chemistry programme has been developed through consultation with employers to meet the needs of the chemical industries.

DEGREE APPRENTICESHIPS

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The apprenticeship route integrates traditional academic learning on a degree programme with work-based learning through employment in a suitable approved chemical company. It provides a new route for developing and retaining the future chemical scientist workforce that is complementary to the academic route, ensuring that graduating apprentices are competent chemical scientists able to meet the future needs of employers.

Who is it for?

If you have aspirations of working in the chemical sector, then this programme could be your next step.

What are the entry requirements?

You must be employed and individual employers will set the selection criteria for their Apprenticeships. Academically, students registering to the programme will need to satisfy the relevant degree entry criteria.

You will need to hold GCSE Maths, English and Science at Grade C or above in addition to standard entry requirements.

What qualification will be achieved?

On completion, graduates will obtain a BSc Chemistry Degree. Successful completion of the apprenticeship requires you to pass an 'end point assessment' (EPA) which ensures your suitability and competency for the role.

How long is the apprenticeship?

The typical duration for this apprenticeship is five years.

What will be studied?

You will study a core curriculum that focuses on different chemical disciplines. Subjects are a combination of core areas (organic chemistry, physical chemistry, inorganic and analytical chemistry, biochemistry) that underpin, but are separate to laboratory specialisms (synthetic chemistry, thermodynamics, kinetics, NMR, mass spectrometry, informatics, applied chemistry and much more). In the final year, apprentices will undertake a work based research project.

How will the apprenticeship be delivered?

You will participate in off the job training through day release and block delivery during your studies with work-based learning being supported as part of your work commitment. A variety of teaching and learning methods with be employed, as appropriate, these include:

- Lectures
- Team work
- Student Presentations (individual and group)
- Seminars
- Tutorials
- Laboratory and workshops
- Independent and guided learning

Apprentices will be expected to undertake significant additional learning. It is suggested that a further 10% allowance be given by the employer for work towards completion of the degree. Work based modules are taken at each level.

How will the apprenticeship be assessed?

Assessment is both formative and summative and is achieved by a variety of methods which are focused around the workplace. You will be assigned a specific academic tutor and will benefit from a workplace mentor and training programme. This team will meet you regularly and will support your studies. Each module will be assessed by coursework and/or end of module examination. Apprentices will also complete an EPA as part of their final work based module (a project-related oral presentation and a practical based assessment).

We also offer a number of different higher and degree apprenticeship programmes across numerous sectors. Please see our website for more information.

Find out more

For full details including entry requirements and start dates, please contact us at

apprenticeships@salford.ac.uk
www.salford.ac.uk/degree-apprenticeships

Apply

Search and apply for apprenticeship vacancies with employers at:

www.findapprenticeship.service.gov.uk

This programme sheet gives you a broad overview of the degree apprenticeship programme at the University of Salford and all content is correct at the time of going to print (February 2018). For the most up to date information, please visit **www.salford.ac.uk/degree-apprenticeships**