

# Scientist

Level: 6  
Duration: 63 months

**Scientists lead scientific projects, design experimental procedures, and develop innovative products or technical knowledge in their specific scientific discipline.**

## Apprenticeship overview

This is a degree apprenticeship that integrates full-time employment with a Bachelor of Science (BSc) degree. You will move beyond executing experiments to defining them—learning how to manage intellectual property, lead laboratory teams, and solve complex industrial or scientific problems from first principles.

## Core skills, knowledge and behaviours you will learn

- Advanced scientific theories, methodologies, and innovations in your chosen field
- Experimental design, validation, and advanced data science/informatics
- Strategic project leadership and change management
- Intellectual property (IP) protection and commercial awareness
- Writing and reviewing peer-ready scientific papers and technical dossiers
- Mentoring, supervising, and managing laboratory staff

## Where you might work

- Global pharmaceutical and medicine development corporations
- Aerospace, defence, and engineering laboratories
- National research institutions and environmental agencies
- Consumer goods R&D facilities

## Typical job roles

- Scientist
- Development Scientist
- Research Chemist
- Microbiologist
- Analytical Chemist



## Good to know

This is a long-term commitment requiring excellent time management to balance a full-time scientific career with a university degree programme

You will graduate with a full BSc honours degree and zero tuition fee debt

Designed to meet the professional registration requirements for Registered Scientist (RSci) or Chartered status (e.g., CChem, CBiol)