



WORK INSPIRATION – Science Careers

A career in science can be broken down into many fields and this work is not always in a lab.

If you want to know more about careers in science, have the information below on what skills scientists, engineers and other STEM careers need and maybe see if this would be a career for YOU!

General Careers Resources/Information

- **BBC Bitesize Careers** has a section on [Jobs in Science](#). Some of the careers explored include:
 - Manish, a [Solar Farm Manager](#)
 - Chris, an [Interpretation Officer](#) at a zoo
 - Lauren, a [Science Officer](#)
 - Kirsty, a [Veterinary Nurse](#)
 - Jaz, a [Research Scientist](#) at the Natural History Museum
 - Rosie, a [Science Journalist](#)
- **BBC Teach – Terrific Scientific** Being a scientist could lead to all sort of career paths – from the cosmetics industry to Antarctica. [Meet](#) six terrific scientists and hear about their jobs.
- **BBC Bang Goes the Theory** has a selection of [career clips](#), where scientists, engineers and experts talk about their roles and skills required
- **National Careers Service** section on [Science and Research](#) has a vast selection of careers. Some of these include:
 - Career as an [archaeologist](#)
 - Career a an [biotechnologist](#)
 - Career as a [food scientist](#)
 - Career as an [oceanographer](#)
 - Career as a [scenes of crime officer](#)
 - Career as a [zoologist](#)
- Thinking of studying a science degree at University but not sure what career you can do afterwards, **Target Careers** will [outline](#) where your degree could take you. They focus on the specific areas.
 - A [degree](#) in **chemistry** can lead to working in areas such as manufacturing, petrochemicals, healthcare and specific

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The Responsible
Business Network
Northern Ireland

careers like chemist, forensic scientist and toxicologist

- A [degree](#) in **physics** can lead to working in areas such as telecommunications, aerospace, healthcare, defence, and computing, and specific careers such as nanotechnologist, medical physicist and meteorologist
- A [degree](#) in **biology** can lead to working in areas such as genetics, agriculture, marine biology and environmental conservation and specific careers such as microbiologist, zoologist and biochemist
- **Forensic Science** is an exciting area of study – there is something exciting about a career that might solve a criminal case. Find out about this area in the [Complete University Guide](#).
- **Target Careers**, [explore](#) the key skills and qualities you need to be a scientist. [Discover](#) what is involved in a career in science and the industries in which scientists work.
- **NI Careers Service** has produced Careers Occupational Information on a range of 'growth' area careers. Explore [careers](#) in **Life Sciences**, a small selection of videos and an [ezine](#).
- **LIFE SCIENCE** staff play a major role in the delivery of healthcare. The field is normally divided into 3 main areas:
 - Pathology [Pathology Health Careers](#)
 - Genetics [Geneticist | Explore careers | National Careers Service](#)
 - Reproductive Science [Reproductive science and andrology Health Careers](#)

Careers in Biology

- The [Royal Society of Biologists](#) offers all the information you need for a career in this field.
- What can I do with a science degree – find out [here](#).
- What does a biologist do? Find out in this [UCAS](#) article.
- A video on some biology jobs – see [here](#) for all the information.

- Biological science is the study of life and it is one of the broadest subjects you can study.
- Biology can be useful in many different careers including jobs within environmental sciences, medicine and nursing, and science and research – find out all you need to know in this [UCAS guide](#).

Careers in Chemistry

- The [Royal Society of Chemistry](#) can advise you on what a career in Chemistry has to offer and what steps you need to get there. Have a look at some [real-life stories and job profiles](#) from chemical scientists.
- [Chemists making a difference](#) – have a look at these videos from the Royal Society of Chemists.
- Also, produced in conjunction with **National Careers Week**, [You're a Catalyst](#) booklet will help you discover your career in Chemistry.
- So, you are studying A level Chemistry – do I need it to do certain jobs? Find out the qualifications needed [here](#).
- Studying chemistry doesn't restrict you to a career in a laboratory, it can lead to many different careers across a wide range of sectors from a [researcher to a toxicologist](#) in this article from PROSPECTS.
- Chemistry involves the study of all things chemical, in order to better understand the way materials are structures, arranged and react in certain situations. Those who study chemistry or other natural sciences at university are seeing their career prospects increase. Find out here in this article from [Top Universities](#).
- Where can your qualification in chemistry take you? Find out in this [Success at School](#) guide.

Careers in Physics

- The [Institute of Physics](#) is the professional body and learned society for physics in the UK and Ireland, inspiring people to develop their knowledge, understanding and enjoyment of physics.
- If it were not for Physicists, the modern world would be a very different place. Physics students need a strong head for numbers, a good grasp of scientific principles and a keen interest in discoveries relating to the physical world. Find out where a physics degree can take you in this article from [Top Universities](#).
- Physics opens doors to some of the most exciting, cutting-edge, rewarding jobs in the world – [this guide for young people](#) will tell you what qualifications are needed and where it could take you in your career.
- Where could your degree in physics take you? Find out [here](#)
- Find out what jobs use your physics qualification – find out in this [UCAS guide](#).
- What can this career in physics take you- have a look at these videos from [First Careers](#).

University Information

- [TheUniGuide](#) – reviews courses with feedback from students, downloadable prospectus and shows important dates of open days.
- [UCAS](#) – careers, apprenticeships, and support on applying to universities. UCAS helps students of all levels reach their skills and qualifications for the future.
- Find out what science degrees you can study at university, from biology or chemistry right

through to forensic science by having a read of this article from [Target Careers](#).

- Whether you dream of a career in Medicine or are fascinated by Physics, studying [Science at Queen's University Belfast](#) opens up a world of opportunity.
- Find out what Science degrees are on offer at Ulster University. Download the university [prospectus here](#).

Almac Group

- **Almac Group** provided medical and pharmaceuticals and are one of the market leaders in the United Kingdom. Almac Group has launched a new, first of its kind virtual work experience programme enabling young people to gain a real insight into life at one of world's top global contract pharmaceutical development and manufacturing organisation. You can [register here](#) for the Virtual Work Experience hub, and after completing the step by step course you will get a certificate on completion or you can browse their [resource section](#) to browse the content on a specific area of interest.

Updated June 2021

To find out more about our Work Inspiration programme, please contact [Joanne Mehaffy](#) or visit www.workinspiration-ni.com