

Find Your Inspiration



Life Sciences



About the Industry

This industry includes careers which relate to the study of living things such as biology, botany, zoology, microbiology and biochemistry.

This is another rapidly growing industry in Scotland. In the past this industry would have required employees to have taken a more "traditionally academic path" (e.g university), however this is not necessarily the case anymore. There are more apprenticeships and internships in this field than ever before. There are also a range of jobs available from marketing to working in a lab environment. As a great deal of the work within this industry is carried out within a lab setting you should get as much lab experience as possible.



The Stats!



- There are around **39,000** employed in this industry
- These people are employed by around **750** different organisations
- Account for **55%** of University Researching Funding
- By the end of last year, this industry aim to double its contribution to the economy, increasing it to **£6.2 billion**

Possible Careers



Career Insight: Zoologist

Average Salary: £42,120

No. Employed: 7,500

This job requires you to study animals, habitats and the places they live. You may study animals in a lab or in their natural environments. You may work with animal rights charities, work to protect animals or work to control pests & disease.

You would be expected to:

- Develop medicines
- Collect, record/Study info
- Write reports
- Study cells using various methods
- Give presentations and publish academic work
- Write policies for Governments

Career Insight: Radiographer

Average Salary: £37,960

No. Employed: 2,000

This job requires you to use various types of radiation to diagnose and treat people. A diagnostic radiographer is required to interpret images of the body to diagnose injury/disease. As a therapeutic radiographer you would be required to use radiation plan and deliver treatment for patients with illness.

You would be expected to:

- Screen people for abnormalities
- Take part in surgical procedures such as biopsies
- Produce/interpret images
- Use X-rays & other radioactive therapies
- Work with medical specialists
- Assess and monitor patients

Career Insight: Forensic Scientist

Average Salary: £42,120

No. Employed: 7,500

This job requires you to help to solve crimes by analysing evidence from a crime scene. You would collect and test various samples such as blood, hairs and fibres using various scientific techniques. This job can be unpleasant, such as attending crime scenes. You would also be required to be objective when testing evidence and preparing it for a trial in court.

You would be expected to:

- Identify blood groups & DNA profiling
- Identify, match and compare various materials
- Provide expert advice
- Recovering data from electronic equipment
- Attending crime scenes
- Giving impartial evidence in court



Useful Websites!

- *My World of Work Job Profiles-*
<https://www.myworldofwork.co.uk/my-career-options/life-sciences>
- *Scottish Life Sciences Association-*
<https://www.scottishlifesciencesassociation.org.uk/>
- *Talent Scotland-* <https://www.talentscotland.com/work/skills/science>
- *Info on careers after university-* <https://www.sulsa.ac.uk/careers/>

