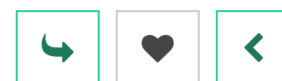


1 2 3

Biologist

Biologists study living things, like animals and plants.



[Read Alex De Giorgio's story](#) 🔍

What you'll do

You could specialise in an area like:

- biotechnology
- ecology
- immunology
- marine biology
- microbiology
- molecular biology

You could use your skills in a variety of ways:

- in agriculture, to improve productivity in livestock or crops
- in the environment, to clean polluted rivers
- in conservation, to protect plants and animals
- in medicine, to develop new methods to diagnose, monitor and treat illness or disease
- in industry, to prevent food contamination or create ways to dispose of waste safely

You may also:

- design and carry out experiments, make observations, write reports and publish scientific papers
- teach students, if you're based at a university or teaching hospital
- supervise support staff

Record relevant activities you've already done on the [Activities tool](#) ➤

Working hours and environment

You'll usually work 9am to 5pm, Monday to Friday, with occasional evening and weekend shifts. You could be based in a laboratory, a classroom, in industry or on a research ship at sea.

Fieldwork can sometimes take place in challenging conditions.

Career path and progression

You could move into management, teaching, the media, administration and scientific journalism.

Skills required

You'll need:

- practical scientific skills
- problem-solving skills
- accuracy and attention to detail
- excellent communication skills
- IT skills

Got evidence of these skills? Record your examples on the [Skills tool](#) >

Entry requirements

You'll usually need a relevant degree and a MSc or PhD in a biological science. Employers may also want you to have experience in your area of interest and, if you don't already have one, be working towards a PhD.

Relevant subjects include:

- biology
- biological science
- plant biology
- microbiology
- conservation biology

You may be able to become a biologist through a [Higher Apprenticeship](#) for Life Sciences and Chemical Science Professionals.

Related Know-how guides

Explore Know-how guides related to this career:

- [Sustainable degrees: Sciences](#) >
- [Example Personal Statement: Biology and Biological Sciences](#) >
- [Get on the ladder: science](#) >

Related university subject profiles

These university subjects are related to this career; check out their profiles on the Subjects library:

- [Biology and Biological sciences](#) >
- [Horticulture and Botany](#) >
- [Environmental and Earth sciences](#) >

Related career profiles

You may also be interested in:

- [Biochemist](#) >
- [Forensic scientist](#) >

- [Biomedical scientist >](#)
- [Geneticist >](#)

Explore

Want to see what relevant education and training opportunities are available right now? Search here:

Biology and Biological sciences at uni:

- [USA >](#)
[UK >](#)
[Canada >](#)
[Europe >](#)
[Asia >](#)
[Australasia >](#)
[Middle East and Africa >](#)
[Ireland >](#)

Horticulture and Botany at uni:

- [USA >](#)
[UK >](#)
[Canada >](#)
[Europe >](#)
[Asia >](#)
[Australasia >](#)
[Middle East and Africa >](#)
[Ireland >](#)

Environmental and Earth sciences at uni:

- [USA >](#)
[UK >](#)
[Canada >](#)
[Europe >](#)
[Asia >](#)
[Australasia >](#)
[Middle East and Africa >](#)
[Ireland >](#)

Apprenticeships:

- [UK >](#)

College / Sixth Form:

- [UK >](#)

Labour Market Information (LMI)

Current and predicted figures relating to the Biologist profession. Median averages are shown, each with the specific career, or group of careers, that they apply to.

- UK
 USA

Jobs

Natural and social science professionals

97,714

 952 in your local area of Liverpool

Top 5 local areas

1	Cambridgeshire	4,830
2	Oxfordshire	4,457
3	Hertfordshire	2,914
4	Surrey	2,392
5	Hampshire	2,379

Salaries

Biological scientists

£33,477

Natural and social science professionals

£41,904

📍 £41,224 in your region of North West

Top 3 regions

1	London	£48,418
2	South East	£43,471
3	North East	£42,304

Growth

2020-2035

Science, research, engineering and technology professionals

+41.4%

↑ 897,801 jobs

📍 +38.5% in your region of North West, an increase of 80,754 jobs

Save to Favourites? ❤️

You haven't favourited any Careers library profiles yet

People also liked...

Those that liked this career profile also liked the following

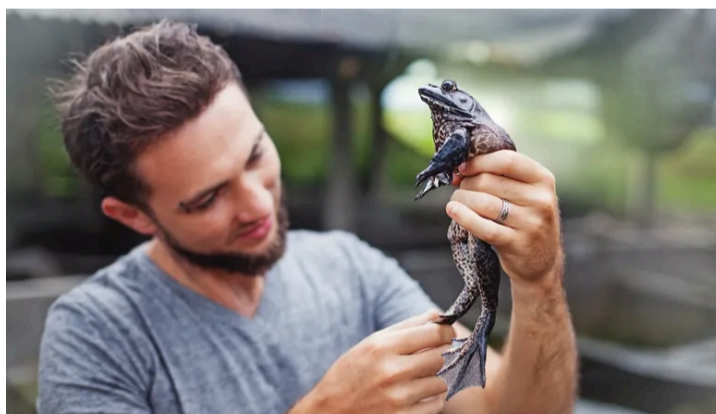


Biotechnologist



Biotechnologists develop new products, such as vaccines and biodegradable materials, using biological knowledge.

[Read the profile >](#)



Zoologist



Zoologists study animals and their behaviours, including topics like evolution, physiology, and classification.

[Read the profile >](#)



Neuroscientist

Neuroscientists are researchers who study the central nervous system.

[Read the profile >](#)