

# Careers with Biological Sciences

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Biological Sciences provide a base subject for careers in a range of sectors where the transferable skills developed can be applied.

Whilst undergraduate degree entry is possible, postgraduate study can enhance career progression and is often a requirement particularly within the science sector.

This leaflet gives examples of a range of roles linked to the following fields:

1. Animal Biology
2. Biochemistry
3. Biology
4. Biomedical Science
5. Forensic Biology
6. Human Biology
7. Human Nutrition
8. Pharmacology

Further information about the jobs mentioned in this leaflet can be seen at <https://www.prospects.ac.uk/job-profiles>

## Options with Animal Biology

An Animal Biology degree will prepare you for a range of careers, including:

- Conservation officer
- Progression to further study, such as a PhD
- Scientific research
- Teaching and education
- Wildlife officer/reserve officer

## Options with Biochemistry

A biochemistry degree opens up a wide range of careers that combine aspects of both biology and medicine.

Jobs directly related to your degree include:

- Academic researcher
- Analytical chemist
- Biomedical scientist
- Biotechnologist
- Clinical research associate
- Clinical scientist, biochemistry

- Forensic scientist
- Medicinal chemist
- Nanotechnologist
- Pharmacologist
- Physician associate
- Research scientist (life sciences)
- Scientific laboratory technician

Jobs where your degree would be useful include:

- Chartered accountant
- Environmental engineer
- Health and safety inspector
- Medical science liaison
- Neuroscientist
- Patent examiner
- Science writer
- Toxicologist

## Options with Biology

Biology is a fundamental subject for careers in the science and health sectors but there are many other routes you can take with this degree

Jobs directly related to your degree include:

- Academic researcher
- Biotechnologist
- Higher education lecturer
- Marine biologist
- Microbiologist
- Nanotechnologist
- Nature conservation officer
- Pharmacologist
- Research scientist (life sciences)
- Scientific laboratory technician
- Secondary school teacher
- Soil scientist
- Teaching laboratory technician

Jobs where your degree would be useful include:

- Anatomical pathology technologist
- Animal physiotherapist
- Clinical scientist, cardiac sciences
- Dental hygienist
- Dental technician
- Dental therapist
- Dentist

- General practice doctor
- Genetic counsellor
- Health improvement practitioner
- Medical science liaison
- Neuroscientist
- Physician associate
- Prosthetist/orthotist
- Science writer
- Sustainability consultant
- Veterinary nurse
- Zoologist

## Options with Biomedical Sciences

From discovering vital medical developments to improving the lives of others, your skills from a biomedical sciences degree can be applied to a range of research careers.

Jobs directly related to your degree include:

- Analytical chemist
- Biomedical scientist
- Biotechnologist
- Clinical scientist, biochemistry
- Clinical scientist, genomics
- Clinical scientist, haematology
- Clinical scientist, immunology
- Forensic scientist
- Medicinal chemist
- Microbiologist
- Physician associate
- Research scientist (medical)
- Toxicologist

Jobs where your degree would be useful include:

- Crime scene investigator
- Dental therapist
- Environmental engineer
- Genetic counsellor
- Medical sales representative
- Medical science liaison
- Nanotechnologist
- Neuroscientist
- Science writer

## Options with Forensic Biology

Your core biology skills and knowledge will make you suitable candidates for all the biological careers available to students on mainstream biology programmes as well as forensic areas. These include:

- Biological testing
- Civil services
- Crime scene investigation
- Diagnostics testing
- Forensic biology / sciences
- Further study - Masters / PhD.
- Medical sales
- Research
- Teacher training
- The police force

## Options with Human Biology

Human Biology will prepare you for a number of different career paths including:

- Laboratory practice
- Medical and laboratory sales
- Postgraduate degrees. Some students are using Human Biology as a route into medical school.
- Work with the police

## Options with Human Nutrition

There are a wide range of employment opportunities available to human nutrition graduates, including:

- Clinical Nutritionists
- Corporate and individual consultancy
- Education (at all levels)
- Industrial Nutritionist
- Managers of health food shops
- Nutrition communicators
- Nutritionists in local and national Government
- Public Health Nutritionists
- Research and post graduate study

## Options with Pharmacology

A degree in pharmacology provides a solid grounding in scientific knowledge and opens up opportunities in a range of careers.

Jobs directly related to your degree include:

- Academic researcher
- Analytical chemist
- Biomedical scientist
- Clinical research associate
- Clinical scientist, biochemistry
- Clinical scientist, immunology
- Medicinal chemist
- Pharmacologist
- Research scientist (life sciences)
- Research scientist (medical)

Jobs where your degree would be useful include:

- Higher education lecturer
- Medical sales representative
- Medical science liaison
- Neuroscientist
- Patent attorney
- Regulatory affairs officer
- Science writer
- Toxicologist

Remember that many employers accept applications from graduates with any degree subject, so don't restrict your thinking to the jobs listed here.

## Further information

- <https://www.prospects.ac.uk/job-profiles>
- <https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-degree>
- <https://targetjobs.co.uk/careers-advice/degree-subjects-your-options>
- <https://luminare.prospects.ac.uk/what-do-graduates-do>
- [https://www2.worc.ac.uk/careers/documents/QG\\_careerplanning.pdf](https://www2.worc.ac.uk/careers/documents/QG_careerplanning.pdf)

If you would like to book a careers appointment to discuss your options, please visit: <https://worchester.targetconnect.net>

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