



BIOLOGY ROUTES

SUBJECT PATHWAYS

CAREERS

Many careers directly related to biology need higher education - and sometimes post graduate - qualifications in either biology or a related subject.

- Biomedical scientist
- Biotechnologist
- Conservation scientist
- Higher education lecturer
- Microbiologist
- Pharmacologist
- Secondary school teacher
- Soil scientist

There are many jobs where biology is helpful or preferred although there may be other requirements too, e.g. in chemistry, maths, other sciences and English. They include:

- Agricultural inspector
- Ambulance paramedic
- Animal care worker
- Dental hygienist
- Dental nurse
- Dental technician
- Dentist
- Dispensing optician
- Doctor
- Environmental health officer
- Food technologist
- Forensic scientist
- Healthcare assistant
- Laboratory technician
- Medical sales representative
- Medical secretary / receptionist
- Midwife
- Nurse
- 999 Call handler
- Occupational therapist
- Operating department practitioner
- Optometrist
- Pharmacist
- Phlebotomist
- Physiotherapist
- Podiatrist
- Prosthetist / Orthotist
- Radiographer
- Scientific journalist
- Speech & language therapist
- Sports scientist
- Sterile services technician
- Veterinary nurse
- Veterinary surgeon

SKILLS

Studying biology can help you develop wider skills such as:

- Analytical
- Attention to detail
- Communication
- Critical thinking
- Data handling
- IT
- Organising / planning
- Practical / using equipment
- Problem solving
- Research
- Teamwork
- Time management
- Using numbers
- Working independently

These skills are needed for many jobs at different levels and with a range of entry routes. Here's a selection:

- Accountant
- Accounting technician
- Beauty therapist
- Care assistant
- Chef
- Customer services assistant
- Fitness instructor
- Florist
- Hairdresser
- Hospital porter
- Horticultural worker
- Human resources manager
- ICT helpdesk advisor
- Police officer
- Receptionist
- Recycling officer
- Retail manager
- Sales representative

DID YOU KNOW?

Many biology graduates go into careers outside of science or health, including business, finance and marketing.

Human beings share about 99% of their DNA with chimpanzees and bonobos – and about 50% with a banana!

ROUTES

There are different routes into many careers, including full time study, higher education and apprenticeships.

You must stay in learning until age 18. This can be in full time study, an apprenticeship or other job with training or a work based learning programme such as a traineeship.

You may need other subjects alongside biology, particularly maths, English and other sciences such as chemistry and / or physics.

FIND OUT MORE

For more job ideas, visit nationalcareersservice.direct.gov.uk/youngpeople then follow links to 'Aged 13-19' and 'Do something you're good at'.

If you're thinking about higher education, visit: www.prospects.ac.uk to see what art and design graduates have done after their degree.

Other websites:

ccskills.org.uk

screenskills.com/

nationalcareersservice.direct.gov.uk

sheffieldfutures.org.uk

ucasprogress.com

ucas.com