

BELIEVE IN BETTER

START YOUR CAREER IN THE
SCIENCE SECTOR

#ChangingLives



WELCOME

Scientists will work within a specialty of Biology, Chemistry, Physics or Environmental Science. Scientists will solve many of the problems facing the world today, such as equipping countries with the technology to make more efficient use of the increasingly scarce natural resources and even developing sustainable sources of energy for our future generations.

Careers in Science

Here are just a few examples of job titles that have been advertised in the South West region within the last year:

- Biologist
- Biochemist
- Botanist
- Chemical Engineer
- Forensic Scientist
- Physicist
- Research Scientist

Is Science an attractive career?

Take a look at the national employment statistics and earning potential – does it look good to you?

By **2025**, there are likely to be **110,344** people employed nationally within the Biological Science sector, and the sector is predicted to see an **overall increase of 2.6%** (2022 – 2025 figures).

Biological Scientists & Biochemists

National Average

£40,560

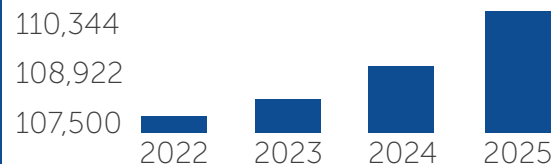
£21,320 — £43,160
Starter Experienced

Which is the same as



**£780
a week**

Employed Nationally



+2.6%

In the South West the average salary for this job is

£40,040

What type of skills and knowledge will you need?

- Knowledge of Science
- Thorough and pay attention to detail
- Maths knowledge
- Excellent written communication skills
- Analytical thinking skills
- Excellent verbal communication skills
- Ability to work well with your hands
- Ability to use your initiative
- Knowledge of chemistry including the safe use and disposal of chemicals
- Able to use a computer and the main software packages competently.

What can you expect to do?

Your tasks will depend on your specialism but could include:

- Improving productivity in livestock or crops
- Cleaning polluted rivers
- Protecting plants and animals
- Developing new methods to diagnose, monitor and treat illness or disease
- Preventing food contamination or creating ways to dispose of waste safely
- Designing and carrying out experiments, making observations, writing reports, and publishing scientific papers
- Teaching students if you're based at a university or teaching hospital
- Supervising support staff.

Working environment

You could work in a laboratory, at a research facility or at a university.

Career path and progression

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

Qualification requirement

Level

6

The majority of those employed in this role will hold a BA/BSc degree with honours, degree apprenticeship, graduate diploma, Level 6 NVQ

Apprenticeship options include

Level 2 Healthcare Science Assistant

Level 5 Technician Scientist

Level 7 Research Scientist

Common study routes include

A Levels

Mathematics

Biology

Chemistry

Vocational

Biology

Chemistry

Degree Biology

Where do I start?

Wherever your starting point we have course that is right for you and will enable to you to progress with confidence into the industry:

Have a go

Community-Based Courses

Level 2

T Level Transition Programme in Science

Applied Science

Level 3

T Level Science

Applied Science

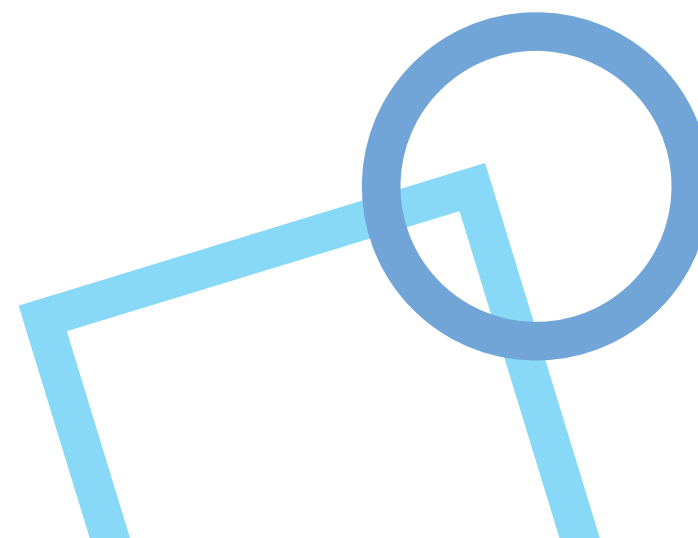
Dental Technician

Level 4+

University-Level Study

Oral Health Practitioner (Level 4)

Dental Technician (Level 5)





Ashley Maclauchlan

Kingston Sixth Form Student, studying A Levels in Biology, Chemistry and Maths, formerly of Westfield Academy. (Oxford University – Medicine)

“Everyone at Yeovil College has been very supportive and helpful throughout my time here, particularly during the medicine application process. I had a mock interview and help revising for entrance exams, both of which aided my preparation. I decided that medicine was my passion just before beginning my A Levels, following some time in hospital. The NHS is an incredibly powerful asset, and I can’t wait to be a part of it.”

Contact Yeovil College for all the support you may need:



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