Industrial Placement Year.

If you do an Industrial Placement Year course, you spend a year working inside or outside the lab, testing out a career path that you're considering. Students do their placement year between level two and three.

You'll pay reduced fees for the year you're on placement and often earn a salary, too.

Organisations where our students have done their placements include:

- GSK (pharmaceutical research)
- Pfizer (marketing)
- Erba Molecular (molecular diagnostics)

Study abroad.

If you want to study abroad for a year, you can apply to spend time in a destination including Australia, Canada, Europe, India, New Zealand, Singapore and the USA after you've joined the University. This experience usually takes place between level two and level three.

Be Sheffield Made.

Royal Society of Biology

The information given here is based on the current academic year. There may be some changes before you start your course. For the latest information, visit our website.

www.sheffield.ac.uk/biosciences
www.instagram.com/biosciencessheffield
www.youtube.com/sciencesheffield

The University Of Sheffield.

Your Genetics course.

UCAS codes:
C400 / C406 / C409 / C431 / C436 / C433

In your first two years, you'll spend upto six hours in the lab each week learning the practical skills and knowledge that every bioscientist needs. Analysis classes will equip you with the skills you'll use outside the lab, and in lectures you'll learn about the latest research findings from our world-leading academics, ready to complete your level three research project.

Level one.

Core modules:

- Biochemistry 1
- Genetics 1
- Molecular and Cell Biology
- Principles of Evolution
- Skills in Molecular Bioscience

You'll also have the freedom to explore optional topics from across the breadth of bioscience, including microbiology, biomedicine, ecology, plant science and zoology.

Level two.

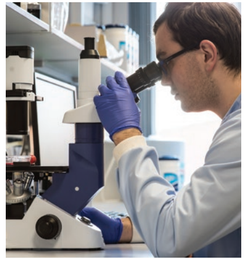
You'll cover more advanced scientific topics and techniques including experimental design, genome editing using CRISPR/Cas9 and protein purification.

Optional modules will give you the chance to develop new skills. You could even be working in a team to come up with pioneering science enterprise ideas to launch a virtual business.

Level three.

A big chunk of this year will be spent completing your research project. This could be based in experimental science, industrial biotechnology, molecular systems and computing, science communication, or education and outreach. You could even be based in our new Julia Garnham Centre, helping NHS geneticists to diagnose blood cancers.

You'll also be studying a selection of specialist optional modules that match your interests and career goals.



Level four (MBiolSci integrated masters).

Your integrated masters year is devoted to developing and carrying out a major independent research project working with our world-leading academics.

This year will equip you with advanced laboratory skills, grant writing expertise, advanced statistics and science communication skills as you explore topics from genetics to developmental biology, ready for an exciting research career.

You can choose between spending a year in industry and completing your project at a company such as AstraZeneca, GSK or Unilever, or undertaking projects in one of our research labs within the school.