

**Undergraduate study**

# Chemistry



## Key highlights



### Highly rated courses

Bristol is a fantastic place to study: 91 per cent of Chemistry students found the course intellectually stimulating (NSS, 2020).



### Outstanding facilities

We're home to Bristol ChemLabS, the UK's only chemistry-based Centre for Excellence in Teaching and Learning.



### Real-world experience

You could have the chance to study in industry, work on a final-year research project in a laboratory, or help to develop science resources in a local school.



### Become an expert

Accelerate your career with a degree accredited by the Royal Society of Chemistry.

## Why study chemistry at Bristol?

Our innovative courses will prepare you for careers in chemistry and beyond. You'll learn how chemistry informs all aspects of our lives, from developing pharmaceuticals that fight disease to arresting climate change. Practical work is central to all our degrees, and Bristol offers you superb lab facilities.

Our degrees are designed to be as flexible as possible, and some include a year studying abroad or working in industry. You could also opt to study chemical physics, or hone your skills in programming and data science on our new chemistry with scientific computing degrees.

We offer a course with a preliminary year of study for academically able students whose qualifications do not enable them to enter directly into the first year of our other courses.

The first two years are common to all our courses. You will study fundamental concepts in inorganic, organic and physical chemistry and applications in areas such as analytical, environmental, materials and theoretical chemistry. You will develop your ability to design experiments and interpret results and will gain key skills through our chemistry-specific communications and mathematics units.

In subsequent years you will specialise to develop an increasing understanding of organic, inorganic and physical chemistry, and will have the opportunity to learn more about analytical, theoretical and environmental chemistry.

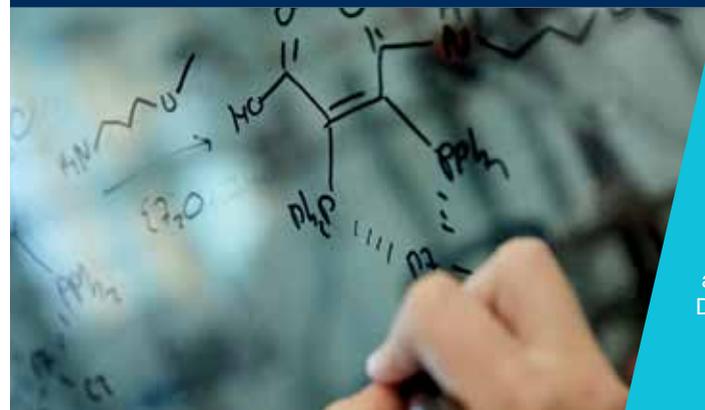
The final years of our MSci degree courses include a 20-week research project in which you will work with a member of academic staff and their research team on a current problem in chemistry. Many students have had their work published in internationally renowned chemistry journals.

The final year of our BSc courses also include a project, with options to work in a research laboratory or even in a local primary or secondary school, helping to develop science resources or carrying out chemistry education research.

Our unique dynamic laboratory manual will get you ready for advanced lab work and grow your skills and confidence in practical chemistry by giving you interactive digital tools that help you practice and prepare online, in your own time.

'Being able to learn from world-leading researchers and their breadth of knowledge is second to none; it's brilliant.'

**Harry** (BSc Chemistry)



Throughout its history, the University has been home to pioneering chemists, including three winners of the Nobel Prize in Chemistry: Sir William Ramsay; Gerhard Herzberg; and our former chancellor, Dorothy Hodgkin.



Choose our course 'with industrial experience' to spend your third year working in a paid position for a major chemical company. Recent partners have included AstraZeneca, Bayer Crop Science, Croda, GlaxoSmithKline and Johnson Matthey.



Bristol is ranked third in the UK for chemistry research quality (*Times Good University Guide 2020*).

## Find out more

Entry requirements, course structure and units  
[bristol.ac.uk/ug2021-chemistry](http://bristol.ac.uk/ug2021-chemistry)



Bristol's teaching labs are of the high standard you would normally expect to find in a research environment. Our online dynamic laboratory manual includes virtual instruments, simulations of experiments and video clips, so you can prepare for, participate in and learn from practical classes in a unique way.

# Courses

BSc / MSci Chemistry

BSc Chemistry with a Preliminary Year of Study

BSc / MSci Chemistry with Scientific Computing

MSci Chemistry with Industrial Experience

MSci Chemistry with Study Abroad

MSci Chemistry with Study Abroad in a Modern Language

## Connect with the School of Chemistry

 @BristolChem

 bristolchemistry

### Photography

Dan Rowley

© University of Bristol

This leaflet contains information for students planning to start university in autumn 2021. We have made every effort to ensure all details are correct at the time of going to press (May 2020). However, since this information is subject to change, you are advised to check the University's website, [bristol.ac.uk/ug-study](http://bristol.ac.uk/ug-study) for the latest updates. Any sample units listed are indicative and offerings may change due to developments in the relevant academic field. Unit availability varies depending on staffing, student choice and timetabling constraints.

