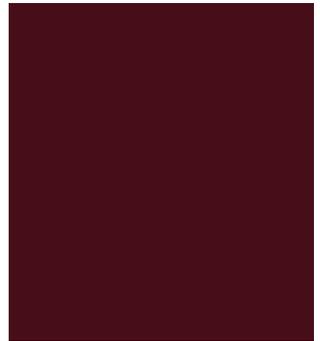
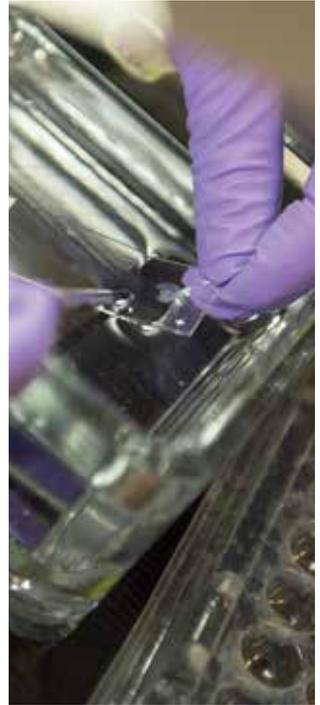




University of
BRISTOL

Undergraduate Pharmacology



Faculty of Medical and
Veterinary Sciences



Having decided I would like to make a career change at the age of forty I came to Bristol University and undertook a pharmacology degree. Although this seemed daunting at times I had a wealth of support from the University and always felt like I was being taught by the best of the best. Having completed my degree I didn't want to leave so decided to carry on my studies as a PhD student. This is hugely rewarding and it is great to feel part of the science community here at Bristol.

Jane

BSc Pharmacology 2009
Research Assistant, School of Physiology and Pharmacology



Why study pharmacology at Bristol?

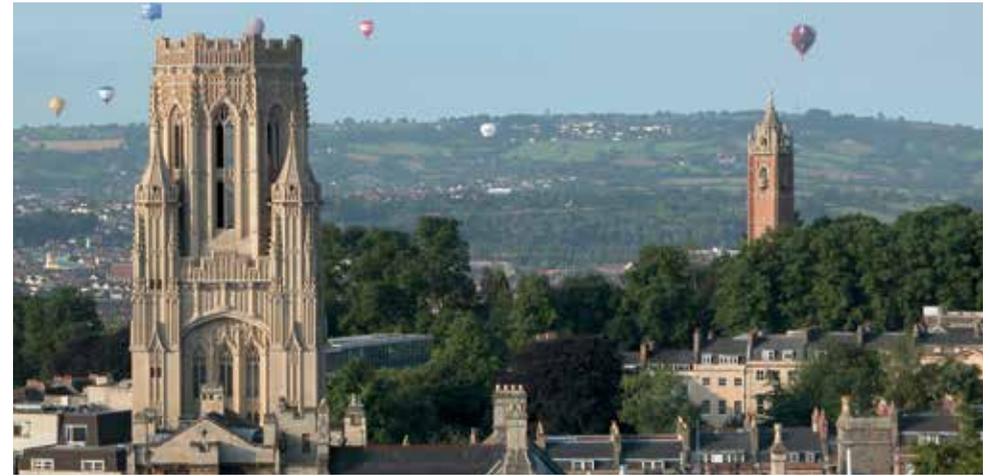
Pharmacology is the study of the action of 'drugs' in the widest possible sense, encompassing many types of chemicals that affect the functioning of the body, rather than just medicines. Pharmacologists study how drugs work in the body and use this information to tell us more about how the body itself functions. Pharmacologists are responsible for the discovery of hundreds of chemicals used in the treatment of disease and the relief of both human and animal suffering. Pharmacology is closely allied to related disciplines, including biochemistry, chemistry, physiology and medicine.

We are committed to excellence in teaching and learning in pharmacology, within an environment of internationally recognised research. We have developed a dynamic lab manual, eBiolabs to support practical teaching. The school possesses state-of-the-art facilities for research in neuropharmacology, cell signalling and cardiovascular pharmacology.

The opportunity to gain hands-on experience in advanced techniques forms an integral part of the undergraduate course. Teaching staff, along with a large number of research workers, ensure that pharmacology is taught in a lively and enthusiastic way.

92%

of students are satisfied overall with the quality of their course (National Student Survey 2013)



What will I study?

Single Honours courses

BSc Pharmacology, three years	B210
MSc Pharmacology with Study in Industry, four years	B211

You will study pharmacology and two other optional units in each of your first two years and will then be based entirely within the School of Physiology and Pharmacology in your final year. You will have the choice of doing optional units in subjects such as anatomy, physiology, biochemistry and cellular and molecular medicine in the first and second years. A second-year unit in biomedical science skills covers aspects of data interpretation, data analysis, presentation skills and an introduction to understanding scientific literature.

Assessment

Years one and two

Assessment is primarily by end-of-unit exams. In addition there is assessment of coursework, including dissertations, essays and practical work, all of which contribute to the end-of-unit mark.

Final year

Assessment is mainly based on end-of-year written exams. In addition there is assessment of coursework including your research project.

For MSc Pharmacology with Study in Industry you are required to write an approved report following the completion of your year in industry.

Teaching methods

During your first year, you will usually attend nine lectures weekly, three practical classes and a small group tutorial or a Directed Self Education and Computer Assisted Learning tutorial.

Dissertation

You will undertake group-based clinical and web-based pharmacological library projects in your first year focusing on a specific drug of interest and disease area. If you are studying towards the BSc you will complete an independent research project in your final year, on which you will write a dissertation, which is submitted as part of your final degree mark.

If you are studying towards the MSc, you will submit a dissertation following your industrial placement, and in your final year complete a research grant application project. During your second year, you will have the opportunity to apply for Nuffield, British Pharmacological Society and Wellcome Scholarships to carry out summer placement projects.

All students are enrolled as members of the British Pharmacological Society.

93%

of students agree staff are good at explaining things (National Student Survey 2013)



What are my career prospects?

A degree in pharmacology offers you a wide variety of rewarding career opportunities. You may choose to join a pharmaceutical or biotech company as a researcher (either after your BSc, or following three years of academic pharmacological research for a PhD degree) and be part of a team involved in the discovery of new drugs, which may affect the lives of millions of people. Alternatively you may be more interested in the product management side of the industry, or in applying your skills to areas such as marketing and medical information, where you act as the link between the pharmaceutical company and doctors and patients.

Typically, about 43 per cent of Bristol pharmacology graduates enter employment in areas of research, finance, financial consultancy, NHS, accountancy, management, medical sales and the public sector. Around 48 per cent of our graduates enter further study or clinical medicine/veterinary/dental training.

The remaining graduates take time out to travel or pursue other interests before finding employment.

91%
of graduates go on to work
or further study within six months
of graduating*

*Destination of Leavers from Higher Education survey 2011/12

Making your application

Entrance requirements

Typical offer for BSc Pharmacology

Please visit bristol.ac.uk/ug15-pharmacology for and other qualifications

A-levels AAB (ABB[†]) including Chemistry and one other science subject or Mathematics

IB Diploma 35 points overall (contextual offer 33[†]) with 6,6,6, at Higher level including Chemistry and a second science subject

Access Pass Access to HE Diploma (Science) with at least 30 credits at Distinction, including 12 credits in Chemistry and another science, and 15 credits at Merit. Health and Social Care or Health Science may also be acceptable; please contact Undergraduate Admissions for guidance regarding your Access course's content

English Language Profile E*

GCSEs Grade B or above in Mathematics and two sciences. Grade C or above in English Language

Selection UCAS or Common Application

Part-time study Not available

Deferred entry Welcomed

*For details of English language profiles please visit bristol.ac.uk/study/undergraduate/language-requirements

[†]For information on contextual offers please visit bristol.ac.uk/study/undergraduate/apply/#typical-contextual-offers

Applicants should normally be taking A-levels in three subjects, which must include Chemistry and one other science subject, and which may include Mathematics. We would not normally include General Studies in the terms of a conditional offer.

Applicants should demonstrate a clear desire to study pharmacology; this may take the form of wider reading in areas of interest that are not necessarily covered in school work. Pharmacology related work experience is not necessary but any involvement in science-based work experience or other science activity would be helpful. The school welcomes applications from mature candidates and from candidates with non-standard qualifications. You will be invited to attend a visit day after you have been made an offer.

Further information

Find out more about the School of Physiology and Pharmacology: bristol.ac.uk/phys-pharm.



Contacts

Undergraduate Admissions Office

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University guide to the city of Bristol
bristol.ac.uk/citybristol

Undergraduate study website
bristol.ac.uk/ug-study

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