

Undergraduate study

Physiological Science

Why study physiological science at Bristol?

Physiology explores how the body works and is one of the key disciplines that underpins medicine. Body function can be investigated at the level of cells, tissues, organ systems and the whole body, with the underlying goal of explaining the mechanisms that operate in a living organism, how they are controlled and how they interact. For example: how does the body respond to different situations such as stress, high altitude or blood loss? How can we investigate what goes wrong in states such as cardiovascular disease, and can we identify new targets for treatments?

If you're fascinated by how our bodies respond to the world around us and want to help us tackle some of the biggest global challenges in healthcare, join our dynamic and innovation-driven community. You'll explore molecular and whole-body systems, learning from internationally recognised experts in purpose-built teaching labs.



Research-led teaching

You will be taught by staff who are leaders in their research field, primarily in the areas of cell physiology, neuroscience, and cardiovascular and respiratory physiology.



Career progression

Our MSci in Physiological Science offers you the chance to gain extensive research experience and is an ideal choice for those wanting to follow a research career and undertake a PhD after graduation.



What you will study

In the first year, you will study units on human physiology alongside an introduction to pharmacology. You can choose from a range of optional biomedical science units on topics including anatomical science, pharmacology, neuroscience, biochemistry and psychology.

Second-year units explore physiology in greater depth; a biomedical science skills unit covers practical employability, data and presentation skills; and you'll be able to choose from a wide range of optional units.

In your third year, you'll attend staff-led research seminars and carry out a research project.

If you are on the MSci course, your fourth year will include an extended research project.

For MSci Physiological Science with Study in Industry, you will spend your third year on a placement and return to Bristol for your fourth year to complete a research grant proposal, alongside final-year units.

Courses

BSc Physiological Science

MSci Physiological Science

MSci Physiological Science with Study in Industry

Photography

Dan Rowley

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 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.

Find out more

Entry requirements, course structure and units

bristol.ac.uk/ug2021-physiology



Our graduates enter a wide variety of career paths including health and social work, the pharmaceutical industry, government research, education, finance, journalism, retail and the public sector. Many go on to further study.

