

## Undergraduate study

# Biomedical Sciences



## Why study biomedical sciences at Bristol?

This stimulating degree allows you to gain a firm foundation in a variety of subject areas, from biochemistry to virology. You will experience biomedical research first-hand, developing critical and analytical skills valued by employers, and will be taught by expert research scientists and clinicians.

### What you will study

You'll take a broad, common first year including practical lab training and a range of units that introduce you to biochemistry; cell biology; medical microbiology and infectious diseases; pharmacology; and physiology of body systems.

Year two will build on the foundation of year one, with a Recombinant DNA Technology unit and another called Biomedical Research, Employability and Enterprise Skills, which prepares you for your research project and future employment. You will also choose optional units on one of three pathways which will prepare you for the final year.

In the final year, you will complete an original research project, giving you invaluable experience applying your skills to real-life problems. In addition, you will take optional units chosen from those available on your pathway.



### Exciting variety

Study flexibly and develop your interests as you explore subjects including biochemistry, cell and cancer biology, genetics, immunology, microbiology, molecular biology, neuroscience, pharmacology, physiology and virology.



### Hands-on resources

Gain practical experience in specialist labs with state-of-the-art human patient simulators, flow cytometers, and confocal and electron microscopes.

Sample units may include:

- Advanced Cell Biology
- Cancer Mechanisms and Therapeutics
- Regenerative Medicine
- Frontiers in Infectious Diseases
- Advanced Immunology
- New Horizons in Medicine
- Neurological and Psychiatric Disorders
- Receptor Signalling and Non-Drug Therapy.

## Course

BSc Biomedical Sciences

## 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](https://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-biomedical](https://bristol.ac.uk/ug2021-biomedical)



We offer an excellent foundation for careers in the biotechnology, pharmaceutical or food industries; biomedical research; patent examination; science communication or medicine. Many of our graduates pursue further study.

