Undergraduate study

Cellular and Molecular Medicine courses

Why study cellular and molecular medicine at Bristol?

This exciting subject examines the fundamental mechanisms of diseases and explores discovering new ways to treat them. At Bristol, our aim is to inspire you in this goal to turn science into medicine. Our innovative teaching includes resources designed to prepare you for practical classes by demonstrating concepts and experiments through animations, videos and pre-lab quizzes.

What you will study
First-year units will introduce you to topics including microbiology and infectious diseases; cell biology of normal and tumour cells; pathology and immunology; and biochemistry.

Year two will build on the broad foundation of year one. You will take core units including Infection and Immunity; Cellular and Molecular Pathology; Recombinant DNA Technology; and Gene Expression and Rearrangement. You will also choose from optional units and take a unit titled Biomedical Research, Employability and Enterprise Skills, which prepares you for your research project and future employment.

Find your focus
Study flexibly and develop your interests as you explore subjects from cancer biology, stem cell biology and regenerative medicine, to infection and immunology.

Career head start
Develop analytical skills highly valued by employers and take an optional placement in industry at a pharmaceutical or biotech company or top research institute.

Student satisfaction
94 per cent of surveyed BSc Cellular and Molecular Medicine students said the staff were good at explaining things and the course provided opportunities to bring ideas together from different topics (NSS 2020).

bristol.ac.uk/ug-study
In the final year, you will take lecture units that appeal to your interests and apply your research skills in a project taking place within the school or in a laboratory at a nearby hospital.

We offer four-year MSci courses that include an additional research-intensive final year. There is a great deal of flexibility and it is possible to transfer between courses as your interests develop. You can also transfer on to one of our Study in Industry four-year degrees if you secure a placement during year two.

Courses
BSc / MSci Cancer Biology and Immunology
BSc Cancer Biology and Immunology with Study in Industry

BSc / MSci Cellular and Molecular Medicine
BSc Cellular and Molecular Medicine with Study in Industry

BSc / MSci Medical Microbiology
BSc Medical Microbiology with Study in Industry

BSc / MSci Virology and Immunology
BSc Virology and Immunology with Study in Industry

We offer an excellent foundation for careers in biomedical sciences, academia, biotechnology or pharmaceutical industries, health services or medicine. Many of our graduates also pursue further study.