At Bath,
you can study

Biology, Biochemistry or Biomedical Sciences

"The Biology course has really opened my eyes to the number of opportunities available to me once I graduate. My placement year was a real highlight of my time at Bath and being taught by some of the top researchers in their fields has been truly inspiring."

Ellie McMullen, BSc Biology including placement year

Find out more about our courses:
go.bath.ac.uk/bio

Department of Biology & Biochemistry

UNIVERSITY OF BATH

Choosing between our undergraduate courses

But which course is right for you?

Biology

Biologists study life on all scales, from the molecular to global ecosystems. You'll study the broadest range of subjects of all our courses. You'll also have the opportunity to specialise in specific areas of biosciences with a range of optional units from across the breadth of biology in the second year and beyond.

This course is for you if you enjoy learning about different areas of biology at school or college and would like to keep your options open at university.

Highlights

- Final year project options with staff researching many different areas of biology
- Opportunity to gain professional work experience during your degree with a year-long placement
- Keep your career options open by studying a broad range of units

Potential careers

Some of our recent biology graduates have gone to work as:

- Laboratory Technician, Syngenta
- Pharmacovigilance Associate, Cancer Research UK
- Marketing Communications Executive, Nestlé
- Scientific Copy Editor, Spandidos Publications
- PhD in Biomedical research, King's College, London
- Conservation Assistant, Botanic Gardens Conservation International

"We work in the lab and look at the molecular cell level but there is also the option to look at the broader scale such as plants and ecology, and choosing a lot of different options."

Hannah Larkin, BSc Biology including placement year

Biochemistry

Biochemistry explores the chemical processes within and related to living organisms. It is a laboratory based science that brings together biology and chemistry. Biochemistry focusses on what is happening at the molecular level. By using chemical knowledge and techniques, biochemists can understand and solve biological problems. You'll gain a broad introduction to molecular biosciences in the first year before having the option to study more focussed units in later years.

This course is for you if you enjoy studying biology and chemistry at school or college and would like to continue studying how biological molecules function.

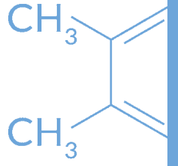
Highlights

- Final year projects with researchers investigating molecular aspects of the biology of plants, animals and microbes
- Opportunity to gain professional work experience during your degree with a year-long placement
- Course focusses on biological functions of molecules rather than simply knowing the chemistry behind reactions

Potential careers

Some of our recent biochemistry graduates have gone to work as:

- Scientist, Public Health England
- Laboratory Technician, Royal Cornwall Hospitals NHS Trust
- Actuarial Analyst, Aon Hewitt
- Account Executive, Porterhouse Medical
- PhD in Structural Biology, Oxford University
- Project officer, 100,000 Genomes Project



"Biochemistry is about how cells and molecules work and what goes on in them."

Tobias Brady, BSc Biochemistry including placement year

Biomedical Sciences

Biomedical Sciences teaches you about human health and the causes, prevention and treatment of disease. You'll study topics on a range of scales from the small molecular details in the human body to the symptoms and pathology of diseases.

This course is for you if you enjoy studying human biology at school or college and are interested in a career as a research scientist.

Highlights

- Final year projects within either the Department of Biology & Biochemistry or Health
- Opportunity to gain professional work experience during your degree with a year-long placement
- Study a more human biology focussed curriculum from the start of the course

Potential careers

As a biomedical sciences graduate you could go on to a wide variety of careers including:

- PhD study or research in academic, pharmaceutical and biotechnology sectors
- science writer or journalist
- graduate entry into medicine
- roles in other sectors such as patent law, consulting and policy

"We learn about the really small molecular details that go on within your body, how they translate into the symptoms and pathology that you see in a disease and then how treatments address the symptoms and pathology."

Rosie Brown, BSc Biomedical Sciences including placement year