

Secret life in cells.

Biochemistry takes you to another world – deep inside living organisms. It's here, at the molecular level, where life gets interesting.

Study biochemistry at UC and you can:

- understand cellular processes at the molecular level
- investigate the structure and function of proteins, cell walls, DNA, RNA and more
- design new drugs to treat disease

“I want to have an impact on the lives of people less privileged than me.”

– Rudranuj, studying towards a Bachelor of Science in Biochemistry



Why biochemistry?

Biochemistry examines the complex processes happening within living organisms.

Biochemists use these deep insights into life to improve the quality of our own lives. From crop protection and new vaccines, to stem cell and cancer research – biochemists make a big difference.

Where can it take me?

A biochemistry degree opens doors to a diverse range of highly-skilled careers that combine aspects of both biology and medicine.

Researchers who can advance knowledge of the relatively young scientific field of biochemistry, are in demand – particularly in the pharmaceutical and biotechnology areas.



Why UC Science?

At UC Science you decide where you're going – our job is to help you get there.

We offer heaps of options and flexibility, state-of-the-art facilities, amazing research opportunities (in the lab and the field), and passionate, world-recognised lecturers. Our campus is friendly, compact and based just on the edge of Christchurch city.

BSc Biochemistry – what you need to know

Entry requirements

University Entrance or equivalent

Level of study

Undergraduate

Useful Year 13 subjects

Biology, chemistry

Start date

February

Length of study

3 years

Degree content includes: Biological and organic chemistry, cellular biology and biochemistry, environmental toxicology, evolution, inorganic chemistry, microbiology, molecules, molecular genetics, structure and reactivity.

Career options: Agriculture, biotechnology, education, environmental and forensic science, food and beverage research, health and beauty, medicine, pharmaceuticals.

Find out more: www.chem.canterbury.ac.nz

Ask us about fast track to second year for high achievers, extra support to meet entry requirements, catch-up courses for new students and double-degree options.