Bachelor of Biomedical Science

Course overview

Develop an in-depth understanding of human biology through the Bachelor of Biomedical Science and graduate with the skills and experience to play an important role in the diagnosis and treatment of diseases at molecular, cellular and systems levels. Early diagnosis, disease progression and prognosis, and the role of pharmaceutical science in the treatment of disease and improved health.

You can customise your degree by choosing from a broad range of specialisations, allowing you to learn more about what you love and become an expert in your field of interest. Graduate ready for your future career through wide-ranging practical experiences.

Course structure

Bachelor of Biomedical Science

Location: Melbourne Burwood Campus | Geelong Waurn Ponds Campus

Duration: 3 years full-time study (or part-time equivalent)

Intake: March (Trimester 1), July (Trimester 2)

Deakin code: S323

ATAR score: B 80.15 | WP 72.5

VTAC code: Melbourne Burwood Campus (1400514111), Geelong Waurn Ponds Campus (1400314111)

The Bachelor of Biomedical Science consists of 24 credit points of study, comprising of 15 core units (including a professional practice unit), one six credit point major sequence and three elective units. You can choose your elective units from many course areas across the University according to your own interests and career aspirations, thus enhancing the distinctiveness of your degree.

Major sequences

Environmental health

With a focus on healthy environments and healthy people, this study area is recommended if you are interested in working in public health policy, environmental health and other related areas.

Infection and immunity

An advanced and integrated area of study that provides you with advanced knowledge and skills in host-pathogen interactions, as well as the public health and clinical epidemiological burdens of infectious diseases.

Medical biotechnology

Medical biotechnology uses cells and cell materials to produce pharmaceutical and diagnostic products that help treat and prevent human diseases.

Medical genomics

Examine core genomics areas, including medical and human genomics, comparative genomics, microbial and forensic genomics, biotechnology and phylogenomics. You will also gain a solid understanding of associated methodologies including Next Generation Sequencing, high throughput genotyping, metagenomics, small RNA and transcriptome analysis.

Molecular life sciences

This study area enables you to acquire an advanced understanding of chemical, physiological and genetic processes that determine health and disease at the molecular level.

Pharmaceutical sciences

This study area covers the chemistry, biology and technology of medicines, providing an enhanced understanding of the discovery, design and function of drugs, which is applicable both in medicinal research and the pharmaceutical industry.

deakin.edu.au/course/S323
I enjoyed so many overseas opportunities as part of my studies, from working as part of a Deakin team to assist a local nunnery build a solar bath house in a remote area of India, to an exchange studying at the University of Prince Edward Island in Canada and a short-term university exchange to Dalian Medical University in China.

Nicole Page
Bachelor of Biomedical Science graduate