



BACHELOR OF MEDICAL SCIENCE (WITH SPECIALISATIONS)

> What is CSU's Bachelor of Medical Science?

Have you ever had a blood test? If so, it is certain that the skills, specialist knowledge and expertise of a medical scientist have played a role in your life and the lives of those around you. The Bachelor of Medical Science at Charles Sturt University (CSU) has a proud history extending more than 20 years. Our course will open up diverse career options in the health care industry where you will form an integral part of the total health care team within hospitals and liaise with a range of health professionals and patients from diverse backgrounds.

Medical scientists play a vital role in the health care system and form the key elements of research teams by examining the efficacy of new treatments or developing new medicines and health care products. You can study the course over three years full-time on campus at Wagga Wagga or via flexible online education over six years part-time. With the ageing of Australia's population, the demand for medical scientists will only grow.

If you are a student coming from a high school or TAFE in NSW, ACT or Victoria, you can take advantage of UAC's Schools Recommendation Scheme (SRS) and apply for early entry to the course. For more information about SRS, visit: www.uac.edu.au/srs

> Specialisations

CSU's course allows you to specialise in Biotechnology, Clinical Physiology or Pathology.

Biotechnology – apply advanced knowledge and technology to developing food products, pharmaceuticals, medical devices and more, at the cutting edge of manufacturing.

Clinical Physiology – work in laboratories where you will assess the physiological functioning of the cardiovascular, nervous and respiratory systems. The results you find in this role will be used to accurately diagnose and manage diseases such as atherosclerosis, epilepsy, asthma or sleep apnoea.

Pathology – conduct laboratory analysis on blood, body fluids and tissues to provide vital scientific information for the prevention, diagnosis and treatment of disease.

Some reasons for studying Medical Science at CSU:

The Pathology specialisation has accreditation in Australia from the Australian Institute of Medical Scientists.

You can choose to specialise in Biotechnology, Clinical Physiology or Pathology.

You will gain professional experience as part of the course, preparing you to enter the workforce from the day you graduate.



I remember taking part in a lecture whilst travelling through the Northern Territory on my motorcycle. I was camping in a cow paddock, with a small campfire, and attending a microbiology lecture. As far as I was concerned, this was proof that you could study anywhere, anytime with CSU.

For those who haven't studied before, use the resources available to you. Build relationships with your lecturers; they are there to help you and want you to

SUCCEED.

Karen Lordan
Medical Science graduate

About CSU

CSU is a national university focusing on excellence in education for the professions, strategic and applied research, and flexible delivery of learning and teaching. We work in close association with industry, professions and government to ensure our courses meet and support industry needs, resulting in high graduate employment levels and starting salaries. We attract more than 38,000 students from Australia and around the world and are well-known for our innovative approach to education, offering practical, hands-on courses, supported online to provide our students with accessible, world class education.

visit
www.csu.edu.au



Professional recognition

The course's Pathology specialisation is accredited by the Australian Institute of Medical Scientists (AIMS).

What will I study?

All students complete a common first session, which includes units in anatomy and physiology, chemistry, microbiology and statistics. You can then choose to study a Biotechnology, Clinical Physiology or Pathology specialisation, or continue on the generic medical science stream. There is potential for movement between specialisations within the first year. Academic Advisers will be available at all times to provide guidance on subject choices.

In the generic stream, you can choose subjects from a number of disciplines, with the option of gaining a broad knowledge in any two of the specialisations. This will be particularly beneficial if you're seeking a flexible undergraduate science degree that provides a broad background as an option for entry into medical research programs or postgraduate study.

Workplace learning

If you choose the Pathology specialisation, you will complete 12 weeks of compulsory clinical / professional experience and training in approved laboratories in your second or third year of study. If you choose to specialise in Biotechnology or Clinical Physiology, you will complete six weeks of professional experience and training, connecting you with potential future employers. Many CSU graduates obtain their first employment offers through this clinical experience system. This is not a requirement of the generic strand but may be arranged on request. If you study the course online you will be required to attend residential schools at CSU's Wagga Wagga Campus for some subjects.

Further study

Meritorious students may continue their studies on campus by enrolling in a fourth year Honours program, the Bachelor of Science (with specialisations) (Honours).

For more information or to apply, visit:

www.csu.edu.au/courses/bachelor-medical-science



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