



# Bachelor of Medical Science



## Why study medical science?

Do you ever require medication? 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.

Medical scientists are seen as an integral part of the total health care team within hospitals, liaising with other health professionals and patients. They also form the key elements of research teams examining the efficacy of new treatments or developing new medicines and health care products.

Medical scientists with training in pathology conduct laboratory analysis on blood, body fluids and tissues to provide vital scientific information for the prevention, diagnosis and treatment of disease.

Medical scientists in clinical measurement laboratories assess the physiological functioning of the cardiovascular, nervous and respiratory systems. Their results are used to accurately diagnose and manage diseases such as atherosclerosis, epilepsy and asthma.

## Career opportunities

Graduates gain employment as scientific officers in a range of clinical and research settings. These include pathology laboratories, neurophysiology, respiratory and cardiac departments and could provide graduate entry into pre-medical studies, medical research and secondary and tertiary teaching.

This broad-based course offers you diverse career options in the healthcare industry, including a number of alternative paramedical and mediototechnology-based programs, and gives you the flexibility to choose an area of specialisation.

## What is CSU's Bachelor of Medical Science?

CSU's Bachelor of Medical Science is an internationally recognised course with a proud history extending over 20 years. The course's pathology specialisation is accredited by the Australian Institute of Medical Scientists (AIMS). Students can study the course for three years full-time on Wagga Wagga Campus or for six years part-time by distance education.

Students from the high schools in non-metropolitan areas in NSW, ACT and Victoria are eligible to apply through the Principal's Report Entry Program (PREP).

## Some reasons for studying medical science at CSU

- this course is an internationally recognised and accredited course
- students can choose to study pathology or clinical physiology specialisations
- students have the opportunity to transfer to CSU's forensic biotechnology or pharmacy degrees
- \$4,000p.a. Science Scholarships are available to on campus applicants



## What can I specialise in?

All students complete a common first session program, which includes units in chemistry, anatomy and physiology, statistics and microbiology. Students can then choose to study a pathology or clinical physiology 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, students can choose groups of subjects from a number of significant disciplines, with the option of gaining a broad knowledge in any two of the specialisations. This will be especially attractive to those seeking a flexible undergraduate science degree that provides a broad background as an option for entry into research programs.

## Practical experience

Students studying either of the specialisations complete at least six weeks of compulsory clinical/professional experience and training in their chosen speciality in approved laboratories in the second or third year of the degree, bringing them face-to-face with future employers. Many students 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.

Distance education students already employed in an industry-related role will not be required to complete the clinical experience component.

All distance education students attend eight days of residential school per session on Wagga Wagga Campus.

## Course options

There is potential for students to transfer into the Bachelor of Forensic Biotechnology or the Bachelor of Pharmacy at different stages of the course, based on grade point average (GPA), as well as the opportunity to take double degrees. Students can also graduate with a second degree in Forensic Biotechnology by studying a further eight subjects after graduating with their Bachelor of Medical Science.

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

## Scholarships

CSU's Science Scholarships are available for on campus applicants to this course, providing \$4,000 per annum for up to four years subject to satisfactory progress. Once awarded, the Scholarship money is the student's to spend in the way that assists them most.

Applicants must achieve an ATAR (NSW) of 80 or above, or equivalent ENTER (VIC), (inclusive of the Regional Bonus) to be eligible to receive the Scholarship.

For more information, visit: [www.csu.edu.au/student/science](http://www.csu.edu.au/student/science)



Chris Moores

## Graduate in Medical Science

"As a Bachelor of Medical Science graduate, my career enables me to travel anywhere in Australia and overseas working in many forms of research, laboratories and clinical settings.

"The course's lecturers and clinical placements ensure that students have constant interaction with the workforce and the professionals in our field so that when they graduate, they are a cut above the rest.

"I learnt many life skills while studying at CSU, such as networking, self-teaching and motivation, applied thinking and independence.

"To anyone considering study at CSU, I would say make the right choice and visit our campus. You won't turn back."

[www.csu.edu.au](http://www.csu.edu.au)

**For more information about courses and how to apply, please contact info.csu:**

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