



# BACHELOR OF AGRICULTURAL SCIENCE

> **What is CSU's Bachelor of Agricultural Science?**

The Bachelor of Agricultural Science is a four-year degree offered at Charles Sturt University (CSU) in Wagga Wagga.

Year one provides a strong foundation in the basic sciences and their importance in agriculture. You will study animal anatomy and physiology, botany, chemistry, microbiology and soil science, and be introduced to the different sectors of the industry.

Year two extends your studies in the agricultural sciences with subjects studied including agribusiness, animal nutrition and crop and pasture science. You will also learn essential communication skills required across all professions.

Year three emphasises a management focus within agricultural disciplines, including agronomy and ruminant production, management of plant pests and diseases, soil management and extension.

In year four, you will choose between the professional placement pathway or agricultural research (Honours) pathway.

**Professional placement pathway**

You will undertake a three-month industry practicum guided by an industry mentor, as well as completing coursework subjects. You will learn industry and technical related skills that can't be taught in a classroom. You may choose to be placed within any sector of the agricultural industry including but not restricted to corporate farms, agribusiness companies, government research departments, banks and agronomic consultancies.

**Agricultural research (Honours) pathway**

Undertaking the agricultural research (Honours) pathway involves completion of a research project on a topic of your interest. Coursework subjects will also equip you with valuable research skills such as experimental design and data interpretation, scientific communication, and literature inquiry and review.

**Some reasons for studying Agricultural Science at CSU:**

Gain practical skills with a strong foundation in the sciences and how they relate to agriculture and agribusiness.

Develop industry contacts and experiences that prepare you for an evolving agricultural landscape, able to face and solve real-world problems.

You will have excellent career prospects with a current shortage of skilled professionals in a wide range of agricultural positions.



Wagga Wagga is a great location to study agriculture as the University farm, DPI and research facilities are used as great learning resources. Added to this is the fact that many different agricultural enterprises can be found within just a few hours of the University itself, which has increased my knowledge in the more unfamiliar systems. In fourth year lecturers act as mentors and classes are discussion based, helping us to improve our skills as professionals in the workforce. Any student with a dream of becoming an agricultural professional should most definitely complete this program.

**Millie Hart**  
Agricultural 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](http://www.csu.edu.au)



### Why study the Bachelor of Agricultural Science?

The course reflects the School of Agricultural and Wine Sciences' emphasis and commitment to sustainable and profitable agriculture, providing you with a variety of study options that maximise your personal and career potential. Foundation studies in science and agricultural business management are integrated to build your understanding of the factors that drive productivity and profitability in modern farming systems.

### Learning facilities

Students undertaking this course have access to some of Australia's best agricultural teaching and research facilities for practical experience, including:

- 1,300ha University farm incorporating precision agriculture technologies
- sophisticated underground root growth laboratory (drainage lysimeter)
- access to a range of mixed farms and agricultural research institutions
- five state-of-the-art laboratories and modern glasshouse facilities
- access to the University sheep and cattle herds and animal handling facilities
- working models of a full range of irrigation systems for teaching and research
- strong links with the Wagga Wagga Agricultural Institute located on campus.

### Credit

Students who have studied and successfully completed relevant subjects at other universities or TAFE may apply for credit for those subjects when applying to CSU's Bachelor of Agricultural Science. Credit will be granted for subjects which are equivalent in content and standard at the discretion of the Course Director.

For more information or to apply, visit:

[www.csu.edu.au/courses/bachelor-of-agricultural-science](http://www.csu.edu.au/courses/bachelor-of-agricultural-science)



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