



Bachelor of Equine Science



What is the Bachelor of Equine Science?

Charles Sturt University's (CSU's) Bachelor of Equine Science can be studied as a three-year, full-time program on Wagga Wagga Campus, or by distance education as a six-year, part-time program.

Students graduate with substantial skills and knowledge in the modern management of horses, underpinned by a strong education in science and scientific method.

Commencing with a foundation of anatomy, physiology, chemistry and biology, the curriculum has particular strengths in the study of equine nutrition, reproduction, health and performance with the flexibility of electives to accommodate specific interests.

The course also has a strong emphasis on practical and life skills and is designed to prepare students for a successful career working with horses and the horse industry in business, teaching and research. Graduates may choose to pursue postgraduate study through Honours, Master and Doctoral programs at CSU or other institutions.

While there are no prerequisite subjects, it is preferred that applicants have studied mathematics and chemistry at Year 12 level.

Career opportunities

Graduates have forged careers in equine nutrition, pharmaceuticals, research and product development, government, sports administration and promotion, coaching, journalism, teaching secondary science, TAFE and complementary therapies, as well as the more traditional areas of horse training and breeding management. With the equine sector contributing \$6.4 billion to the Australian economy annually, career and business pathways will continue to develop for those best equipped to capitalise on the opportunity.

Certification

Graduates are granted credit by the Equestrian Federation of Australia NCAS scheme and may obtain the NCAS Level 1 coaching award by demonstrating satisfactory riding skills and sitting the EFA practical exam. Students may also be eligible to receive the Certificate in Equestrian Coaching and the Certificate in Equine Reproduction with successful completion of specified subjects.

Develop your skills

You do not need to be able to ride a horse to enrol in the Bachelor of Equine Science at CSU. There is opportunity for you to develop riding skills through industry practicum and project assessments, particularly in the first year.

The Equine Centre at CSU has facilities available for students who wish to bring their own horse with them. These facilities include stabling with access to communal paddocks. Bedding is supplied, and you provide your own feed. Local feed suppliers will deliver to CSU.

Some reasons for studying Equine Science:

- a broad range of career opportunities are available in the growing equine industry
- graduates receive credit from the Equestrian Federation of Australia NCAS scheme
- students may be eligible to apply for CSU's Science Scholarships, providing \$4,000 per year for up to four years
- CSU offers students access to world-class facilities and expert staff.





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, the money is the student's to spend in the way that assists them most.

To be eligible to receive the Scholarship, applicants must achieve an ATAR of 80 or above (inclusive of the Regional Bonus). For more information visit:

www.csu.edu.au/student/science

Course structure (full-time program)

Year one

Year one provides a strong foundation in the basic sciences, with the study of chemistry and biology, anatomy and physiology, while introducing students to the study of horses and Australian horse industries through workplace practicum and the introductory study of horse management, behaviour and training.

Year two

Year two has a focus on reproduction and the performance horse, introductory study of nutrition, and preparation for life after graduation in business and other realms of employment.

Year three

In year three, students will develop depth in their understanding of equine nutrition and reproduction, while also learning about the prevention and management of disease conditions through studies of equine health and rehabilitation. Each session of year three offers the opportunity to study one elective subject.

Credit for previous study

Students who have successfully completed subjects at other universities that are likely to be equivalent to subjects in CSU's Bachelor of Equine Science may apply for credit for those subjects when enrolling. Credit will be granted for subjects that are equivalent in content and standard, at the discretion of the relevant Subject Coordinator.

World class facilities, world class staff

Students will enjoy learning in some of the best facilities of their kind, with laboratories, museums, practical classrooms, animal handling facilities and digital learning resources that have been recently completed for CSU's new veterinary science degree. The same staff who teach and conduct research in the veterinary science degree deliver the key subjects in the equine science degree.

Life at CSU

CSU is a multi-campus regional University and offers a range of courses in a variety of areas, with a focus on rural and regional services. This focus has formed the basis for new courses in animal and veterinary sciences, agriculture, education, arts, nursing, dentistry, commerce, viticulture, information technology and many other areas of study. With the range of student interest comes a diverse, vibrant learning community that enhances the university experience.

Visit our campus

You can arrange to visit CSU's Wagga Wagga Campus and have a personal guided tour of the outstanding facilities available in the School of Animal and Veterinary Sciences. Tours are led by a current student, giving you real insight into the CSU experience.

You will also have the opportunity to talk to staff members or lecturers about the Veterinary Science program and what it's like to study with CSU. To book a tour, phone 1800 334 733 or visit www.csu.edu.au/campustour

Three working days' notice is required for tour bookings.

Lynell Underhill Senior nutritionist Team Leader Barastoc Horse / Companion Animal Technical Team

"A significant part of the foundation for my successful career was the quality of education I received in the Equine Science degree. Thanks CSU!"

Kim Petersen Regulatory Affairs Associate Schering-Plough Pty Limited

"The science content of CSU's Bachelor of Equine Science sets it apart from other equine courses and made me realise there was so much more to the industry than just riding."

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

Free call in Australia: 1800 334 733
International callers: +61 2 6338 6077
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www.csu.edu.au

