



Charles Sturt  
University



# Advance your agriculture career

Take your career to the next level with Charles Sturt University's new range of postgraduate degrees in agriculture. Starting in 2023, study agricultural business management, digital agriculture or sustainable agriculture.

→ [study.csu.edu.au/pg-agriculture](https://study.csu.edu.au/pg-agriculture)

NEW  
postgraduate  
courses  
in 2023.

# Grow your career in agriculture

Cultivating careers and improving the future of agriculture is what we do best at Charles Sturt. We're experts in agricultural education – our history goes back 120 years. We're Australia's largest provider of agricultural, horticultural and wine science education. With our new postgraduate degrees, you can take your career further in agribusiness, agricultural sciences, biosecurity, horticulture, viticulture, agronomy or farm management. Become an innovative leader in your field and address local and global agricultural problems. Choose how far you'll go.

## New postgraduate degrees in 2023

### Take your career further

Already part of the agriculture industry? Upgrade your qualification and upskill for career progression with a postgraduate degree. If you have an undergraduate degree in agriculture, animal science, agribusiness, wine, viticulture, horticulture, or animal or equine science, our postgraduate degrees will help you move into executive or managerial roles.

### Head in a new direction

Change career or refine your skills with our postgraduate degrees. If you have an undergraduate degree in science, environmental science, sustainability, geospatial science, business, commerce, law, or accounting and finance, your next exciting chapter starts here. Our new degrees are broad and will help you take your career in exciting directions.

### Upskill or diversify your skillset

If you have at least three years' relevant industry experience, enrol in our graduate certificates – no bachelor's is required. Or you can enrol in our graduate certificates if you have a relevant bachelor's degree and want to upskill or diversify in areas such as agriculture technology, sustainability or agricultural business management.

Course	Study mode	Offering	Duration
Master of Agricultural Science (with specialisations) (Graduate diploma exit point)	On campus	Domestic	2 years FT
	Online	Onshore international	4 years PT
Master of Agriculture (with specialisations) (Graduate diploma exit point)	Online	Domestic	1.5 years FT
		International	3 years PT
Graduate Certificate in Agricultural Business Management	Online	Domestic	0.5 years FT
		International	1 year PT
Graduate Certificate in Agriculture	Online	Domestic	0.5 years FT
		International	1 year PT
Graduate Certificate in Sustainable Agriculture	Online	Domestic	0.5 years FT
		International	1 year PT

Choose when you study – start in February or July, 2023.

Key: FT is full-time and PT is part-time.

### Work integrated assessment

This course is highly practice-based and enables you to apply skills and knowledge to your current employment, from the moment you begin your study. Assessments link to the workplace, helping you build relevant agricultural business management, digital agriculture, or sustainable agriculture skills. Examples include:

- Prepare an annual management report and analyse the performance of primary production agribusinesses. You'll also develop management goals for businesses' enterprise and financial performance.
- Develop plans for the sustainable management of agricultural resources while addressing business, operational, social and environmental issues. Contribute to sustainable agricultural systems through high-quality research to tackle contemporary real-world questions and solve critical issues.
- Apply your skills in global positioning systems, remote sensing, information technology and database management to an agricultural enterprise through work integrated learning.

# Start small and build your degree

Our postgraduate agriculture degrees are designed with flexibility in mind. So you can adapt study to suit your career goals and interests. If you study our master's degrees, you can choose to exit with a graduate diploma or graduate certificate. You can also choose to ease into study with a single or micro-subject.



## Standalone micro-subjects

- **AGB540 Agribusiness accounting**

Learn the principles and practice of cash flow budgeting, accounting for production, and profit and loss accounting for primary production agribusinesses. You'll develop annual accounting cycle knowledge and understand cash flow and profit and loss statements.

- **AGB541 Agribusiness financial management**

Hone your knowledge of annual accounts to analyse the performance of primary production agribusinesses. Establish management goals for business enterprise and financial performance. Prepare annual operating plans for agriculture related industries.

## Graduate certificates and diplomas

Depending on your needs and goals, you can choose to exit our articulated postgraduate programs with a graduate certificate or graduate diploma. You can choose to complete your master's later on.

## Pathway to your PhD

If you're interested in research, our postgraduate coursework agriculture degrees are the ideal path to a PhD. Consider our Master of Philosophy or Doctor of Philosophy and help change the future of agriculture through research.

Most of these new agriculture courses have a limited number of Commonwealth supported places (CSP) available. If you secure a CSP your fees are lower than a full fee-paying place. It also means you can apply for a HECS-HELP loan to pay for your studies and defer repayment until you earn above a certain amount.

## Specialisations



### Agricultural business management

Position yourself as an agribusiness leader and innovator with agricultural business management. Identify emerging opportunities and provide solutions to future agribusiness challenges. Delve into agribusiness accounting, business risk and investment, and international agriproduct trade.



### Digital agriculture

Develop proficiency in a range of digital technology applications that will help futureproof global agriculture. Explore emerging agriculture technology and its global application, including remote sensing technology for managing crops and livestock. Enhance your knowledge of drones, GIS remote sensing technology, big data and satellites.



### Sustainable agriculture

Hone your skills with sustainable future agriculture and food systems, mitigation and adaptation, climate change impacts and water policy and management. Investigate impacts of agriculture on the environment. Prepare for leadership roles in policy, research and strategic management in a wide range of industries. You could move into advisory, policy or advocacy roles. Work with organisations like Landcare or in catchment management, agricultural education and training, executive management, rural counselling, agricultural consultancy, agricultural finance and natural resource management.

## Industry-standard facilities

We're located in the heart of the New South Wales food bowl at our Wagga Wagga campus. It's where we live and breathe agriculture and agricultural research. Industry-standard agricultural facilities that you'll find on campus include:

- 1,600-hectare commercial mixed farm with cattle and sheep yards
- Commercial winery
- Feedlot and yards
- Global Digital Farm – Australia's first fully automated commercial farm
- Hooligans Creek biodiversity site
- National Life Sciences Hub for food security, human, plant and animal health
- Research/teaching crops and commercial farm cropping area
- Rhizolysimeter, glasshouses and phytotron

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(callers outside Australia)



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# Connecting research to real world issues

Real change happens when communities pull together. Our partnerships with the NSW Department of Primary Industries, AgriPark and the Australian Department of Agriculture, Water and the Environment focus on industry and community collaboration through the Gulbali Institute of Agriculture, Water and Environment, and projects including the Global Digital Farm and the Drought Hub.

We're motivated to create a sustainable future through collaboration with our communities and strong industry connections. We have expert staff, academics and researchers in the regions who are making a difference in agriculture. Meet some of our researchers who are improving the future of agriculture through innovative research projects.



### Jon Medway

As senior research fellow spatial agriculture, Jon is building research capacity with the Gulbali Institute on projects including the Global Digital Farm and Cool Soil Initiative. He has worked on more than 2,500 projects across Australia and internationally, providing services to farms, industry, research organisations and government agencies.



### Dr Brooke Kaveney

Australian soils are highly weathered and often have acidic topsoils. Post-doctoral fellow Brooke is examining the effect of the nitrification inhibitor 3, 4-dimethylpyrazole phosphate (DMPP) on soil mineral nitrogen processes. Her research focuses on the effect of DMPP on soil mineral nitrogen processes in Australian soils.

Find out more → [study.csu.edu.au/pg-agriculture](http://study.csu.edu.au/pg-agriculture)

### Partner with us

At Charles Sturt we share your vision for developing a qualified, skilled and capable workforce in the agriculture industry, and you can partner with us for professional development.

Contact us to discuss your workforce learning and development requirements. We can consider special fee arrangements for industry groups.

Please contact us for more information:

→ [study.csu.edu.au/partner-with-us](http://study.csu.edu.au/partner-with-us)



Charles Sturt is in the top 2% of universities worldwide for climate action.\*



Charles Sturt is Australia's first carbon neutral university.\*