

CAREER NEWSLETTER

Week 2 - Term 2, 2021.

FEATURE ON STEM CAREERS.

TAFE or trades versus university

Uni not for you? Enrolling in a three-year bachelor's degree isn't the only way to land an awesome career in STEM! There are loads of alternative pathways that equip grads with the immediate skills needed to score a job, <https://careerswithstem.com.au/vetcourses/>

Quiz – what's your animal science job?

Animal lovers rejoice! You can pair your passion with science and score yourself a cool STEM job working with creatures furry, feathery and everything in between. Let's find out which area of animal science suits you best, <https://bit.ly/32PYqaL>

Quiz – what's your science career?

From astrophysicist to zoologist, there's a whole A-Z of science careers out there. [This quiz](#) will help you find your perfect fit, <https://bit.ly/3sV1xZR>

Careers with STEM YouTube channel

From live webinar recordings to interviews with incredible STEM peeps winning it in their careers, our YouTube channel is where the best STEM videos live. Why not give Netflix a break this weekend and binge on these videos instead! <https://bit.ly/2QYlcth>

Careers with STEM Job Kits

The Careers with STEM Job Kits are free downloadable 8-page e-mags which offer a complete introduction to individual STEM careers. Discover what a specific STEM job is all about, meet real people working in that job and find out what you can do right now to set your career on the right path.

Download the following amazing job kits via <https://bit.ly/3nqf61W>

- Construction project design
- Design engineer
- Robotics and automation engineer
- Future cities shaper
- Future scientist
- Space and Defence specialist
- Data scientist
- Machine learning engineer
- Software engineer

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VOCATIONAL AND HIGHER EDUCATION NEWS

La Trobe University Information Session in Moama

This is your chance to meet a range of La Trobe academics, students, and future student advisors to find out what La Trobe has on offer for you. Explore the large range of course offerings available at one of our regional or metro campuses and have all your questions answered on Aspire, Regional Benefits, pathways and more. This event is not to be missed and will ensure that you have all the information required to make your transition from high school to La Trobe as smooth as possible.

DATE: Monday 24 May

TIME: 4:00pm - 6:00pm

VENUE: Rich River Golf Club, Twenty Four Ln Moama NSW

REGISTER: <https://bit.ly/3dRyMsu>

The event is open from 4:00 – 6:00pm with presentations throughout the evening –

4:00pm - Welcome

4:20pm – Nursing & Midwifery

4:40pm – Education

5:00pm – Aspire

5.20pm – Rural Medicine & Dentistry

5:40pm – Criminology

Research your university and TAFE course options

Tertiary Admission Centres

State-based Tertiary Admission Centres process course applications on behalf of universities, some TAFE institutes, and some private providers. You can research courses, prerequisites, selection criteria and ATAR profiles for the 2021 intake. Courses for the 2022 intake will be updated mid-year but you can use the archived information as a guide.

Victoria www.vtac.edu.au

NSW & ACT www.uac.edu.au

QLD www.qtac.edu.au

SA & NT www.satac.edu.au

Tasmania www.utas.edu.au

WA www.tisc.edu.au

Australia wide search

Course Seeker is a fantastic website that enables students to be able to explore courses for each state in the one website. You can research courses, prerequisites, selection criteria and ATAR profiles for the 2020 intake. Course information for the 2021 intake will be updated later in the year – www.courseseeker.edu.au

TAFE

MySkills is the national directory of vocational education (VET) organisations and courses. You can search for courses or occupations and use a location search. You can also browse courses and occupations by industries such as health & community services, manufacturing & engineering, and arts & culture.

www.myskills.gov.au

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University – early entry programs (Year 12)

Australia National University

Applications are now open for the direct early entry program and will close Monday 24 May. Selection is based on Year 11 academic results and meeting the service and co-curricular requirements, www.anu.edu.au

University of New England

Applications are now open for the direct early entry program and will close Friday 17 September. Selection will be based on a recommendation from your school, www.une.edu.au

La Trobe University

Applications are now open for the La Trobe Aspire Early Admissions Program. Selection will be based on a statement about your history of volunteering or leadership, www.latrobe.edu.au/study/aspire

Victoria University

Applications are now open for the VU Guaranteed program (for selected schools). Selection is based on how you answer 4 questions, <https://bit.ly/2Kw3ND6>

Charles Sturt University

Applications for the Charles Sturt Advantage Program will open Monday 3 May. Selection will be based on a statement about your soft skills and your Year 11 grades, <https://bit.ly/2UmOlgT>

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National Security Careers

Do you have what it takes to work in intelligence? The Australian Signals Directorate (ASD) defends Australia from global threats and advances the national interest by providing foreign signals intelligence, cyber security and offensive cyber operations, as directed by the Australian Government.

You can work for ASD through university or apprenticeship pathways. Year 12 students can apply for the Australian Government Digital Apprenticeship program between 17 May – 28 June for the 2022 intake.

For information on careers and entry pathways, visit www.asd.gov.au/careers

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Construction Careers Competition

Complete this short course and go into the draw to win \$1000! Year13 have partnered with Construction Skills Queensland to develop a short course for students interested in pursuing a career in construction called 'The New-Print of Construction'.

You will complete 4-modules:

- Skills of the industry
- Working in construction
- Making it happen
- Gearing up for the job

4 people who complete the program will win \$1000! For information and to start the program, visit <https://year13.com.au/academy/CSQ>

Learn about careers in construction - Master Builders Victoria have developed an amazing resource for high school students. You can download the Careers in Construction guide via <https://bit.ly/3t3eFw5>

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Monash University - Information Evenings

Monash staff will be running information evenings for prospective students living in regional areas. For information and to register visit www.monash.edu/information-evenings. The following are dates for May:

11	Mildura
20	Albury
25	Bendigo
26	Shepparton

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Melbourne University – Meet Melbourne

Meet Melbourne Shepparton: Prospective students and families are invited to participate in this on campus information session about The University of Melbourne.

Wednesday 5 May, 6.30 – 8pm, Shepparton campus, <https://bit.ly/3dTQ9Jp>

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Torrens University Open Day

Torrens University is running an open day on their Melbourne campus on Saturday 8 May. Students who can't attend can participate in a virtual open day, www.torrens.edu.au/whats-on/open-day/

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Australian Catholic University – get course advice

Option 1: Book a 30-minute phone call or video conference to discuss your study options with an Australian Catholic University course adviser, <https://bit.ly/2QYwkYq>

Option 2: Book a guided campus tour with a course at adviser. This is an excellent way to combine a tour of the campus you are interested in and also get advice on the courses you are interested in, <https://bit.ly/32rlywe>

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Charles Sturt University – Medicine Information Evening and Study Consults

Medicine Information Evening: prospective students can participate in a virtual information evening about the undergraduate medicine program at Charles Sturt University. The event will run on Tuesday 4 May. Book via <https://engage.csu.edu.au/medicine-info-nights>

Book a study consultation: book a 30-minute phone call or video conference to discuss your study options with a Charles Sturt University course adviser, <https://study.csu.edu.au/contact-us/consult>

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RMIT University – Discover What's Next

RMIT University is running the following online information sessions for prospective students in May. These are events not to be missed as you will receive up to date information for the 2022 intake and you will have the opportunity to ask questions about courses.

5	Art
6	Fashion
11	Architecture
13	Design
18	Game Design
20	Social Science
25	Communication
27	Media

For information and to register for sessions, go to www.rmit.edu.au/events

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The University of Melbourne

The University of Melbourne is hosting the following Meet Melbourne online seminars for prospective students in May. The seminars will showcase courses at the University.

3	Bachelor of Commerce
3	Education and teaching
4	Bachelor of Fine Arts

- 4 Doctor of Veterinary Medicine
- 5 Bachelor of Biomedicine
- 5 Bachelor of Design
- 6 Bachelor of Music

To RSVP, visit <https://bit.ly/3egroGe>

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JOB SPOTLIGHT

Farmer from [StudyWorkGrow](#)

Farmers, also known as agriculturalists, manage their land and operations allowing them to raise livestock, grow crops, fruit, or vegetables, or provide other agricultural products. They're often self-employed, as opposed to Farm Managers who do the same job but on behalf of land owners.

If you love working outdoors and physical work, thrive on variety and challenges, then becoming a Farmer could suit you down to the ground.

About you:

- Good at planning and problems solving with a positive attitude
- Organised, responsible and reliable
- Happy to work outdoors in any kind of weather
- Works well in a team but is motivated to work independently
- Technical and mechanical skills are both essential
- Patient, flexible, able to deal well with adversity and embraces change
- Physically fit and prepared to work long hours

The job:

Agriculture is a very broad industry. You could be raising beef cattle or dairy cows, rearing sheep for wool, growing wheat or sugarcane, caring for a fruit orchard or producing vegetables.

You could have a hobby farm of just a few acres or run a [station the size of a small country](#). So, as a Farmer your duties could vary significantly. We've put together a few tasks that represent some of the duties you might find yourself doing.

- Planning and coordinating your annual production requirements
- Undertake soil testing and preparation
- Select crops, seeds or livestock to purchase
- Nurture and raise animals, plant seeds, seedlings and bulbs
- Look after your water supply and provide the optimal nutrition and conditions to prevent disease
- Closely monitor the weather at all times
- Harvest your produce
- Carry out farm operations from purchasing, storing and packing goods, to organising sales and arranging transport
- Make sure that all farm buildings, equipment, fences and water supplies are well maintained
- Prepare and be ready to act in times of emergency such as drought, floods and fire
- Keep accurate and up to date records of everything including finances
- Understand your market, keep on top of trends and make accurate predictions
- Manage your money carefully
- Hire, train and supervise employees

Lifestyle Impact: High

- Part Time opportunities: Low – 22% of Farmers work part-time (source: Joboutlook.gov.au) these are most likely to be hobby farmers, farm workers, or even Managers looking after a couple of properties
- Average hours for full-time workers: 52 hours a week which is above average (source: joboutlook.gov.au)
- Farmers salary (average) \$60,000* per year (Source: com.au) *salaries vary between industries,

- your role, and depending on your skills and experience
- Future career growth: Stable (Source: Joboutlook.gov.au). Some areas have stronger growth rates than others, industry growth can also fluctuate due to changes in markets, economics, popularity, imports, weather conditions etc.
 - Working as a Farmer comes with a high level of responsibility and you're also at the mercy of the weather and market conditions, as well as diseases and pests. You'll be working long hours, many of the jobs may be physically demanding and are often repetitive. But if you love being outside and the thought of being your own boss is appealing this could be a very rewarding career.

Farmers are most in demand in these locations:

Over 320,600 people were employed in agriculture in 2020 (source: AISC) which makes it a huge industry. Most workers are employed in Queensland and South Australia (Source: joboutlook.gov.au) but there are opportunities in every state.

Although technically if you own the property you can work from home, and some properties are very isolated in rural locations, it's not the same as the remote working that lots of people imagine these days.

How to become a Farmer in Australia

To become a successful Farmer you'll need to learn the practical, technical and theoretical knowledge that applies to the particular kind of farming you're engaged in.

Formal qualifications aren't essential, although a VET qualification as a minimum could be really useful. You will *definitely* need hands on, relevant, work experience.

Step 1 – Decide what type of farming you want to get into, you'll need particular skills and specialised knowledge depending on which type of farming you're passionate about.

Step 2 – Consider completing your high school certificate, Maths and STEM could be useful subjects, as well as business related subjects.

Or undertake a VET qualification.

Certificate [II](#), [III](#), [IV](#) or a [Diploma](#) in Agriculture, for example. Check on [MySkills](#) for more specialised courses.

You could also consider a university degree.

[Bachelor of Agriculture at CQ University](#)

[Bachelor of Science](#) majoring in [Animal Science](#) or [Plant Agricultural Science](#) at USQ

Many of the courses can also be completed online, so even if you're living or working remotely you should be able to access them.

Step 3 – Get plenty of real life, hands-on, work experience.

Step 4 – Understand the market and keep up to date with changes in farming related practises, laws, products and trends.

Find out more here –

<https://www.farminstitute.org.au/>

<https://nff.org.au/>

<https://farmersmarkets.org.au/>

Similar Careers to Farmer

Farm Manager

Farm Worker

Stock and Station Agent

Aquaculture Farmers

Fisheries Worker

Viticulturalist

Agricultural Sales Rep

Forestry Worker

Find out more about alternative [careers](#).

Frequently Asked Questions (FAQ's)

What do Farmers do?

Farmers main aim is production, to create an income from selling their stock. You might be growing crops, raising livestock, poultry, fish, or shellfish, material and fibres, or other agricultural products. Or you could be producing dairy products, ornamental plants or nursery products. Some Farmers raise both crops and livestock, as well as producing food for their animals.

Which industries employ Farmers?

Farmers work in agriculture (which is a really diverse field), forestry, fishing and hunting, aquaculture and more. Check out a few more industries [here](#).

Do I need to go to university to become a Farmer

No, you don't need any formal qualifications to work as a Farmer. However, combined with work experience, qualifications could help you to gain the skills and knowledge you'll need much faster. If you're thinking of applying for jobs as a Farm Manager, qualifications could help you to be a more competitive applicant.

Where do Farmers work?

Farmers can work in small holdings, stations, and large-scale farms, to orchards, nurseries and fisheries. They work in lots of other spaces as well but they primarily work outdoors. Some elements also require an office, such as keeping on top of records, researching, ordering in goods, arranging logistics etc.

What are 3 things I can do right now to help me become a Farmer?

If you're at high school and you'd like to find out if a career as a Farmer is right for you, here's a few things you could do right now:

Get work experience, learn the basics about farming. This may also help you to decide which area to specialise in.

Complete a few short courses or VET qualifications that could help you to develop the skills you'll need even further.

Work on your communication, planning and organisation, and adaptability skills.

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