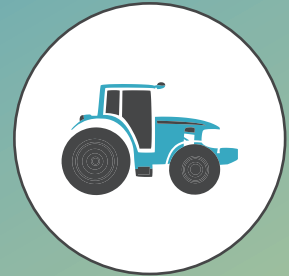


AGRICULTURE & ENVIRONMENTAL STUDIES



This is a detailed profile of agriculture and environmental studies. It lists the range of specialisations available and compares degree-level courses. We examine the institutions that get the best ratings, based on real student experience and graduate outcome data, which will help you decide the right university for your educational journey.

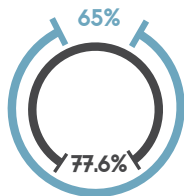
AGRICULTURE & ENVIRONMENTAL STUDIES

Agriculture and environmental studies is a small but varied field and certainly not just for future farmers. These courses are intellectually stimulating and many combine traditional science with social science, as well as offer lifestyle appeal and variety in some jobs.

FULL-TIME EMPLOYMENT

UNDERGRADUATE POSTGRADUATE

Proportion of students who have secured a full-time job within four months of graduating.



MEDIAN GRADUATE SALARY

\$56,000

UNDERGRADUATE

\$74,000

POSTGRADUATE

NUMBER OF STUDENTS



1,736

UNDERGRADUATE INTERNATIONAL

12,054

UNDERGRADUATE

6,442

POSTGRADUATE

WHAT CAN I DO?



Winemaking and Viticulture



Animal Nutrition



Research



Quarantine



Farm Management



Policy and Advice

Data has been sourced from the Graduate Outcomes Survey. Results are pooled to represent graduates who completed the survey in 2018, 2017 and 2016. Graduates complete the Graduate Outcomes Survey approximately four months post-graduation.



FIVE-STAR UNIVERSITIES

AGRICULTURE & ENVIRONMENTAL STUDIES

EDUCATIONAL EXPERIENCE	GRADUATE EMPLOYMENT	LEARNER ENGAGEMENT	LEARNING RESOURCES																																														
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WHAT DO THESE NUMBERS MEAN? The ratings above represent the top 20 per cent of results for each measure in this particular field of study. For overall institution results, see the ratings section at the front of the guide.

AGRICULTURE & ENVIRONMENTAL STUDIES

The agriculture and environmental studies field of study is comprised of two main sections: agriculture and environmental studies.

AGRICULTURE

The following are just some of the majors you can study in this field:

- Agribusiness
- Animal behaviour
- Aquaculture
- Equine science

Although agriculture is a highly-specialised field of study, it offers some very diverse options. Some courses cover the 'basics' — such as crop and animal science — but many explore areas that show students how to create a profitable business. This means that agriculture and related courses often incorporate subject areas such as computing and IT, economics, engineering and marketing.

Workers in agriculture cultivate and manage natural resources, most commonly in primary industries such as forestry, dairy, cattle, aquaculture, livestock and crop management, and other niche industries such as organic farming and winemaking. Some courses are more suitable if you're good at science (such as plant genetics). Others are better for the business-minded, with a focus on applying management principles to various agricultural sub-sectors, such as rural management and forestry management, or preparing students for roles closer to the commercial end of the agricultural industries (agribusiness, for instance). The variation in focus makes your choice of course very important. The best of them will usually balance a focus on **basic science or business with the 'nitty gritty' of industry production, process and technology.**

For more information, visit:

- Australian Institute of Agricultural Science and Technology
www.aginstitute.com.au
- Career Harvest
www.careerharvest.com.au

ENVIRONMENTAL STUDIES

The following are just some of the majors you can study in this field:

- Conservation

- Ecology
- Environmental science
- Landscape management
- Marine studies
- Sustainable resource management
- Wildlife and conservation biology

As awareness of the human impact on the environment increases and the idea of sustainability gains popular ground, more and more professions are finding room for environmental specialists — agriculture, journalism, engineering, surveying and planning all require people with environmental expertise.

One option is to study an environmental specialisation in a professional degree, but if your interest is exclusively in environmental studies, there are many areas of specialisation leading to different careers. You might consider anything from conservation biology, conservation management and techniques or environmental science, to environmental assessment, environmental resource management or parks management.

For more information, visit:

- Environment Institute of Australia and New Zealand
www.eianz.org

WHERE TO STUDY

Courses in this field are scattered widely across the country — many are at regional universities or rural campuses of metropolitan universities, although you'll still find a good selection in the city. Note that some specialisations will be better suited to study in particular parts of the country, such as tropical agriculture in the north. Make sure the facilities suit your particular specialisation before making your choice.

Entry difficulty is not typically a deciding factor, as most courses are fairly accessible. Some will require or allow students to live on campus. Some courses may skip formal prerequisites, while others will require subjects like English, mathematics and various science disciplines.

New study areas are developing constantly, and these are reflected in the diverse range of education choices. The prominence of issues such as resource management and climate change has also resulted in extra research funding for many universities.

DISCOVER DIFFERENT

www.melbournepolytechnic.edu.au



RTO 3075



ABBEY WRIGHT



CERTIFICATE III AGRICULTURE MELBOURNE POLYTECHNIC

Abbey Wright is currently studying a Certificate III in Agriculture and already has an eye on next year's intake for the Certificate IV in Agriculture. Commencing her Melbourne Polytechnic life at a young age, Abbey says "I found out about the Yan Yean campus [Melbourne Polytechnic's teaching farm in Yan Yean] through a teacher at school and loved the idea of working with livestock and being outdoors."

Through a two-week placement, Abbey gained some experience working in an agricultural environment. This set Abbey on a study path that she would follow over the next two years. "The staff were such important mentors in my journey as they encouraged me to follow my passion, gave me guidance and opened my eyes to many career opportunities. This made me realise that this was the industry I wanted to work in... I loved my time at the farm so much."

Abbey chose to study at Melbourne Polytechnic because "the courses are flexible and I had control of my own learning as well as having kind and understanding teachers that are here to help you."