



MONASH
University

GRADUATE CERTIFICATE OF FOOD SCIENCE AND AGRIBUSINESS

monash.edu/science/gc-fsa





“Today more than ever, we need science and business to come together to re-think how we produce, process, and consume our food.”

Professor Louise Bennett, Course Director,
Graduate Certificate of Food Science and Agribusiness.

COURSE INTRODUCTION

If you're interested in how food is created and managed and want to explore a qualification in this area to help you upskill in the industry, whilst contributing to a better world, consider our new Graduate Certificate of Food Science and Agribusiness.

We are facing enormous challenges to achieve an adequate supply of food under sustainable conditions and to ensure public health and wellbeing?. All areas of the supply chain, and sectors of the food industry, from nutrition to quality, must be involved. In fact, one of the major United Nations Sustainable Development Goals is 'zero hunger'.

Achieving this goal by the target date of 2030 will require a profound change of the global food and agriculture system.

The Graduate Certificate of Food Science and Agribusiness is a forward-thinking, interdisciplinary program.

Central to the course is an understanding of the scale and dependencies of food production, processing, distribution and marketing with an emphasis on consumer-driven innovation.

Whether you're a student or a professional already in the workforce, this course will provide you with the opportunity to focus on training in different areas of the food industry.

You can choose to study the fundamentals of the primary science disciplines involved with food production and human nutrition, and cross-discipline aspects including global trade, consumer perspectives, and future trends.

The course is also a pathway to our Master of Food Science and Agribusiness (You will need to achieve a 50% average in the Graduate Certificate to progress to the Masters.)

AT A GLANCE:

CAMPUS

Clayton campus

DURATION

6 months full time, or one year part time

QUALIFICATION

Graduate Certificate of Green and Sustainable Technologies

CAREER OUTCOMES

Industry analysts have predicted a strong growth in the demand for food science and agribusiness graduates in the next decade, needed to manage the expanding industrial production of high quality food for a growing population that meets consumer preferences.

Graduates of the Graduate Certificate of Food Science and Agribusiness can expect excellent career opportunities upon completing the course.

Typical career paths include:

- Regulatory officer
- Food technologist
- Product/process development scientist
- Food microbiologist
- Food chemist
- Food product or ingredient development specialist
- Food plant production supervisor/ manager
- Researcher
- Food policy officer
- Academic
- Entrepreneur and business owner

COURSE STRUCTURE

The Graduate Certificate of Food Science and Agribusiness comprises **24 points** of Food Science and Agribusiness Studies.

You will study four units, each worth **six points** (unless otherwise stated).

These include:

- Challenges in global agribusiness
- Food engineering
- Food chemistry and biochemistry
- Food microbiology and safety
- Food, nutrition and health
- Future food supply and security
- Food science and technology in practice
- Customer focused innovation

ENTRY REQUIREMENTS

MINIMUM ENTRY REQUIREMENTS

An Australian bachelor degree (or equivalent) in science, engineering, dietetics or health, with at least 60% (credit) average, or equivalent qualification and experience approved by the faculty.

ENGLISH LANGUAGE REQUIREMENTS

For entry to Monash University, you must meet the minimum English language requirements. Please visit:

monash.edu/admissions/english-language-requirements

GET IN TOUCH

If you have more questions, please get in touch!

Future student enquiries

Australian citizens, permanent residents and New Zealand citizens

Tel: 1800 MONASH (666 274)

Email: future@monash.edu

monash.edu/study/contact

International students Australia freecall

T: 1800 181 838

T: +61 3 9903 4788 (outside Australia)

E: study@monash.edu

monash.edu/study/contact/international



MONASH
University

monash.edu

Find a course monash.edu/study

International students monash.edu/study/international

Scholarships monash.edu/scholarships

Off-campus learning monash.edu/offcampus

Monash on YouTube youtube.com/monashunivideo

Science Online monash.edu/science

Monash Science on Twitter [@Monash_Science](https://twitter.com/Monash_Science)

Monash Science on Instagram [@monashscience](https://www.instagram.com/monashscience)

Monash Science Facebook [@MonashUniScience](https://www.facebook.com/MonashUniScience)

Monash Science YouTube youtube.com/ScienceMonashUni